



LABORATORIES, INC.

RENTAL AND LEASE PLANS

836 NORTH STREET, TEWKSBURY, MASSACHUSETTS 01876, TEL.(617) 851-4111, TWX 710 343-6769, TELEX 94-7421

CALCULATING/COMPUTING SYSTEMS

(Excluding Word Processing Equipment)

WANG LABORATORIES, INC. – RENTAL PLANS

Rental Plan No.	Description	Rental Per Mo.	
		Elect.	Mech.
1	3-month plan or additional 3-month renewals without purchase option	6.0%	6.5%
2	3-month plan or additional 3-month renewals with 60% purchase option credit up to 90% original price	8.0%	8.5%
3	12-month plan without purchase option	5.0%	5.5%
4	12-month plan with 50% purchase option credit up to 90% original price	6.0%	6.5%
5	24-month plan – without purchase option (minimum \$2,000 full purchase price)	4.5%	5.0%
6	36-month plan 50% purchase option credit up to 90% original price – negotiation of residual value after 36 months (minimum \$3,000 full purchase price)	4.1%	4.6%
7	60-month plan 50% purchase option credit up to 90% original price – negotiation of residual value after 60 months (minimum \$3,000 full purchase price)	3.3%	3.8%

Maintenance is included in rental plans 1-7.
Electronic5% per mo. Mechanical 1.0% per mo.
On purchase option plans (No. 2, 4, 6 & 7) no credit is given for service portion of rental payments.

WANG LEASING DIVISION – LEASE PLANS

Lease Plan No.	Description	Lease Rates
1	Full payout lease – 24 months (minimum \$2,000 full purchase price)	5.00%
2	Full payout lease – 36 months (minimum \$3,000 full purchase price)	3.60%
3	Full payout lease – 60 months (minimum \$3,000 full purchase price)	2.45%

Maintenance may not be included on full-payout leases. A separate maintenance agreement is required.

RENTAL/LEASE PLANS

WANG

LABORATORIES, INC.

836 NORTH STREET, TEWKSBURY, MASSACHUSETTS 01876, TEL.(617) 851-4111, TWX 710 343-6769, TELEX 94-7421

PRICE LIST**UNITED STATES (EXCEPT ALASKA), DISTRICT OF COLUMBIA, & PUERTO RICO****F.O.B. Tewksbury, Mass. All taxes additional. Prices and equipment availability subject to change without notice.**

Model	Description	Unit Price	Monthly Maint. Price
Central Processing Units (CPUs)/Memory			
2200S-1	CPU including 4,096 bytes of memory & 3 I/O slots	\$2,400.00	\$ 19.50
2200T-1	CPU including 4,096 bytes of memory & 3 I/O slots	\$4,400.00	\$ 25.00
-	Additional 4,096 byte block of memory	\$1,200.00	\$ 8.00
-	Additional 8,192 byte block of memory	\$2,000.00	\$ 16.00
CPU/Keyboard/Display Options			
OP-4	Audio Signal for 2216 & 2216A CRT	\$ 200.00	\$ 1.00
OP-20	Up to 6 I/O slots for 2200 S&T CPU's	\$ 600.00	N/A
OP-20A	Up to 9 I/O slots for 2200 S&T CPU's	\$1,200.00	N/A
OP-21	Matrix ROM	\$ 300.00	\$ 1.50
OP-22	Advanced Programming & Matrix ROM	\$ 800.00	\$ 4.00
OP-23	General I/O, Adv Prog & Matrix ROM	\$1,100.00	\$ 5.50
OP-24	Disk, General I/O, Adv Prog Sort & Matrix ROM	\$2,000.00	\$ 5.50
OP-30	Upper/Lowercase for 2220 & 2226 CRT	\$ 200.00	\$ 1.00
OP-31	Audio Signal for 2220 & 2226 CRT	\$ 200.00	\$ 1.00
OP-32	Keyboard Clicker	\$ 80.00	N/A
2290	CPU/Peripheral Stand	\$ 250.00	N/A
Keyboard/Display Peripherals			
2215	BASIC Keyword Keyboard	\$ 500.00	\$ 3.50
2216	CRT Executive Display	\$1,800.00	\$ 9.00
2216A	Upper/Lower Case CRT Display	\$2,000.00	\$ 10.00
2216/2217	Combined CRT Executive Display/Single Tape Cassette Drive	\$2,800.00	\$ 22.50
2216A/2217	Combined Upper/Lower Case CRT Display/ Single Tape Cassette Drive	\$3,000.00	\$ 23.50
2220	Console-CRT/Keyboard/Single Tape Cassette	\$3,000.00	\$ 15.00
2222	Alpha-Numeric Typewriter Keyboard	\$ 500.00	\$ 4.00
2223	Alpha-Numeric/BASIC Keyword Keyboard	\$ 800.00	\$ 4.00
2226	Console - 12" CRT and Keyboard	\$2,200.00	\$ 10.00
2292	Auxiliary Display w/25' cable	\$ 600.00	\$ 2.50

Note 1: CPU Model S and T are not available in 20 and 28K bytes.

Note 2: OP 24 capabilities are included with the 2200T.

Note 3: Edit function is included with S and T CPU's.

Note 4: All peripherals listed can be utilized on the 2200T CPU.

A service charge for installation and testing is required on all orders for upgrades, conversions, and additional peripherals/options. Contact your local Wang representative for details and quotation.

WANG SYSTEM 2200S (HARDWARE)

PRICE LIST

\$1600

Required Option* for 2200S		Model	Description	Unit Price	Monthly Maint. Price	
22 23 24		Output Peripherals				
✓	✓	2201	Output Writer	\$ 2,400.00	\$ 24.00	
✓	✓	2202	Plotting Output Writer	\$ 4,000.00	\$ 40.00	
✓	✓	2212	Analog Flatbed Plotter (10" x 15")	\$ 3,600.00	\$ 36.00	
		2221W	Wang Line Printer (132 column)	\$ 5,600.00	\$ 56.00	
		2231	Line Printer (80 column)	\$ 3,300.00	\$ 33.00	
✓	✓	2232A	Digital Flatbed Plotter (31" x 48")	\$ 8,000.00	\$ 80.00	
		2261	High Speed Printer (132 column)	\$ 7,300.00	\$ 73.00	
		2291	Digital Flatbed Plotter Stand	\$ 350.00	N/A	
Interface Controllers						
•	•	2207A	I/O Interface Controller (RS-232-C) Selectable BPS	\$ 600.00	\$ 3.00	
	•	2227	Asynchronous Telecommunications Controller	\$ 900.00	\$ 4.50	
	•	2228	Communications Controller	\$ 2,500.00	\$ 15.00	
		2227N	Null Modem for 2227	\$ 50.00	N/A	
	•	2250	I/O Interface Controller (8-bit parallel)	\$ 400.00	\$ 2.00	
	•	2252A	Scanning Input Interface Controller (BCD 1-10 digit parallel)	\$ 600.00	\$ 3.00	
Input Peripherals						
✓	✓	2203	Punched Tape Reader	\$ 1,800.00	\$ 18.00	
✓	✓	2214	Mark Sense Card Reader	\$ 1,000.00	\$ 10.00	
•	•	2234A	Hopper-Feed Punch Card Reader	\$ 4,000.00	\$ 40.00	
•	•	2244A	Hopper-Feed Mark Sense/Punch Card Reader	\$ 4,800.00	\$ 48.00	
✓	✓	2262-1	Digitizer 20" x 20" Tablet	\$ 5,000.00	\$ 25.00	
✓	✓	2262-2	Digitizer 30" x 40" Tablet (special order)	\$ 7,000.00	\$ 25.00	
✓	✓	2262-3	Digitizer 36" x 48" Tablet (special order)	\$ 8,000.00	\$ 25.00	
			Annunciator option for Digitizer	\$ 25.00	N/A	
Mass Storage Peripherals						
✓	✓	2209	Nine-Track Tape Drive	\$12,000.00	\$ 90.00	
		2217	Single Tape Cassette Drive	\$ 1,200.00	\$ 13.50	
		2218	Dual Tape Cassette Drive	\$ 2,300.00	\$ 26.00	
	✓	2224-2	Disk Multiplexer (for 2 CPU's)	\$ 2,000.00	\$ 10.00	
	✓	2224-3	Disk Multiplexer (for 3 CPU's)	\$ 2,500.00	\$ 12.50	
	✓	2224-4	Disk Multiplexer (for 4 CPU's)	\$ 3,000.00	\$ 15.00	
	✓	2230-1	Fixed/Removable Disk Drive	1,228,800 bytes	\$11,500.00	\$ 100.00
	✓	2230-2	Fixed/Removable Disk Drive	2,457,600 bytes	\$12,000.00	\$ 100.00
	✓	2230-3	Fixed/Removable Disk Drive	5,013,504 bytes	\$12,500.00	\$ 100.00
	✓	2230 MXA	Daisy-Chain-type Disk Multiplexer (1st CPU)	\$ 800.00	\$ 4.00	
	✓	2230 MXB	Daisy-Chain-type Disk Multiplexer (2nd, 3rd, or 4th CPU)	\$ 500.00	\$ 2.50	
	✓	2270-1	Single Removable Diskette Disk Drive	262,144 bytes	\$ 3,200.00	\$ 30.00
	✓	2270-2	Dual Removable Diskette Disk Drive	524,288 bytes	\$ 4,700.00	\$ 45.00
	✓	2270-3	Triple Removable Diskette Disk Drive	786,432 bytes	\$ 6,200.00	\$ 60.00
	✓	2260	Fixed/Removable Disk Drive	10,027,008 bytes	\$14,500.00	\$ 123.75

- ✓ At least one option checked is required for 2200S.
- One of the options indicated is recommended for 2200S.

Wang Laboratories reserves the right to change specifications and prices without prior notice.



LABORATORIES, INC.

838 NORTH STREET, TEWKSBURY, MASSACHUSETTS 01876, TEL (617) 851-4111, TWX 710 343-6769, TELEX 94-7421

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LABORATORIES, INC.

PRICE LIST

836 NORTH STREET, TEWKSBURY, MASSACHUSETTS 01876, TEL.(617) 851-4111, TWX 710 343-6769, TELEX 94-7421

UNITED STATES (EXCEPT ALASKA), DISTRICT OF COLUMBIA, & PUERTO RICO

F.O.B. Tewksbury, Mass. All taxes additional. Prices and equipment availability subject to change without notice.

Model	Description	Unit Price	Monthly Maint. Price
Central Processing Units (CPUs)			
2200S-1	CPU with 4K memory & 3 I/O slots	\$2,400.00	\$ 19.50
2200S-2	CPU with 8K memory & 3 I/O slots	\$2,800.00	\$ 27.50
2200S-4	CPU with 16K memory & 3 I/O slots	\$4,400.00	\$ 43.50
2200S-6	CPU with 24K memory & 3 I/O slots	\$5,800.00	\$ 59.50
2200S-8	CPU with 32K memory & 3 I/O slots	\$7,200.00	\$ 75.50
2200T-2	CPU with 8K memory & 3 I/O slots	\$4,800.00	\$ 33.00
2200T-4	CPU with 16K memory & 3 I/O slots	\$6,400.00	\$ 49.00
2200T-6	CPU with 24K memory & 3 I/O slots	\$7,800.00	\$ 65.00
2200T-8	CPU with 32K memory & 3 I/O slots	\$9,200.00	\$ 81.00
Disk Work Stations			
2200-WS-2	Disk Work Station with 8K, Keyboard, 12 inch CRT (64 x 16 Upper/Lower Case) and Disk Multiplexer Interface	\$4,900.00	\$ 43.00
2200-WS-4	Disk Work Station with 16K, Keyboard, 12 inch CRT (64 x 16 Upper/Lower Case) and Disk Multiplexer Interface	\$6,500.00	\$ 59.00
2200-WS-6	Disk Work Station with 24K, Keyboard, 12 inch CRT (64 x 16 Upper/Lower Case) and Disk Multiplexer Interface	\$7,900.00	\$ 75.00
2200-WS-8	Disk Work Station with 32K, Keyboard, 12 inch CRT (64 x 16 Upper/Lower Case) and Disk Multiplexer Interface	\$9,300.00	\$ 91.00
<i>Note: Work Stations are to be used with Hard Disk only. Master Processor requires MXA.</i>			
OP-60*	Keyboard Clicker, Audio Alarm & Auxiliary CRT Connector	\$ 100.00	\$ 2.00
OP-61*	Output Writer (156 Column/15 CPS) w/Controller	\$2,600.00	\$ 24.00
OP-66**	80 x 24 Upper/Lower Case CRT	\$ 400.00	\$ 5.00
—	Work Station T Connector (Required on 2nd and subsequent Work Stations)	\$ 50.00	N/C
Memory Blocks for "S" CPU, "T" CPU and Work Stations			
—	Upgrade of 8K Bytes of Memory	\$2,000.00	\$ 16.00
—	Upgrade of 16K Bytes of Memory	\$3,200.00	\$ 32.00

* Available only on WS and PCS Systems

** Available only on WS Systems

WANG SYSTEM 2200S/T (HARDWARE)

Model	Description	Unit Price	Monthly Maint. Price
CPU/Keyboard/Display Options			
OP-4	Audio Signal for 2216 & 2216A CRT	\$ 200.00	\$ 1.00
OP-20	Up to 6 I/O slots for 2200 S&T CPU's	\$ 600.00	N/A
OP-20A	Up to 9 I/O slots for 2200 S&T CPU's	\$1,200.00	N/A
OP-21	Matrix ROM	\$ 300.00	\$ 1.50
OP-22	Advanced Programming & Matrix ROM	\$ 800.00	\$ 4.00
OP-23	General I/O, Adv Prog & Matrix ROM	\$1,100.00	\$ 5.50
OP-24	Disk, General I/O, Adv Prog Sort & Matrix ROM	\$2,000.00	\$ 5.50
OP-30	Upper/Lowercase for 2220 & 2226 CRT	\$ 200.00	\$ 1.00
OP-31	Audio Signal for 2220 & 2226 CRT	\$ 200.00	\$ 1.00
OP-32	Keyboard Clicker	\$ 80.00	N/A
*OP-33	80 x 24 Upper/Lower Case CRT Display	\$ 400.00	\$ 5.00
2290	CPU/Peripheral Stand	\$ 250.00	N/A
2295	2231W Printer Stand	\$ 250.00	N/A
Keyboard/Display Peripherals			
2215	BASIC Keyword Keyboard	\$ 500.00	\$ 3.50
2216	CRT Executive Display	\$1,800.00	\$ 9.00
2216A	Upper/Lower Case CRT Display	\$2,000.00	\$ 10.00
2216/2217	Combined CRT Executive Display/Single Tape Cassette Drive	\$2,800.00	\$ 22.50
2216A/2217	Combined Upper/Lower Case CRT Display/Single Tape Cassette Drive	\$3,000.00	\$ 23.50
2220	Console-CRT/Keyboard/Single Tape Cassette	\$3,000.00	\$ 15.00
2222	Alpha-Numeric Typewriter Keyboard	\$ 500.00	\$ 4.00
2223	Alpha-Numeric/BASIC Keyword Keyboard	\$ 800.00	\$ 4.00
2226	Console - 12" CRT and Keyboard	\$2,200.00	\$ 10.00
2292	Auxiliary Display w/25' cable	\$ 600.00	\$ 2.50

*To be used only with the "T" CPU or "S" CPU w/OP-24 and 12" CRT (2226 or 2216)



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836 NORTH STREET, TEWKSBURY, MASSACHUSETTS 01876, TEL. (617) 851-4111, TWX 710 343-6769, TELEX 94-7421

Required Option* for 2200S			Model	Description	Unit Price	Monthly Maint. Price
22	23	24				
Output Peripherals						
✓	✓	✓	2201	Output Writer (156 Column/15 CPS)	\$ 2,400.00	\$ 24.00
✓	✓	✓	2202	Plotting Output Writer (13 CPS)	\$ 4,000.00	\$ 40.00
			2212	Analog Flatbed Plotter (10" x 15")	\$ 3,600.00	\$ 36.00
			2221W	Wang Line Printer (132 Column/200 CPS)	\$ 5,000.00	\$ 56.00
			2231W-1	Line Printer (112 Column/120 CPS)	\$ 2,900.00	\$ 33.00
			2231W-2	Wang Line Printer (132 Column/120 CPS)	\$ 3,800.00	\$ 33.00
			2232A	Digital Flatbed Plotter (31" x 48")	\$ 8,000.00	\$ 80.00
			2251	110 CPS Printer, 40 Characters/Line	\$ 1,100.00	\$ 11.00
✓	✓	✓	2261	High Speed Printer (132 Column/330 CPS)	\$ 7,300.00	\$ 73.00
✓	✓	✓	2272-1	Wang Drum Plotter, 16" Wide, Single Pen	\$ 2,900.00	\$ 30.00
✓	✓	✓	2272-2	Wang Drum Plotter, 16" Wide, Three Pens	\$ 3,200.00	\$ 33.00
				Wang Line Printer Controller	\$ 150.00	N/C
			2291	Digital Flatbed Plotter Stand	\$ 350.00	N/A
Interface Controllers						
✓	✓	✓	2207A	I/O Interface Controller (RS-232-C) Selectable BPS	\$ 600.00	\$ 3.00
●	●	●	2227	Asynchronous Telecommunications Controller	\$ 900.00	\$ 4.50
✓	✓	✓	2227B	Buffered Asynchronous Communications Controller	\$ 1,000.00	\$ 15.00
✓	✓	✓	2228**	Communications Controller	\$ 2,500.00	\$ 15.00
●	●	●	2227N	Null Modem for 2227	\$ 50.00	N/A
●	●	●	2250	I/O Interface Controller (8-bit parallel)	\$ 400.00	\$ 2.00
●	●	●	2252A	Scanning Input Interface Controller (BCD 1-10 digit parallel)	\$ 600.00	\$ 3.00
✓	✓	✓	2254	IEEE-488 Interface Controller	\$ 750.00	\$ 4.00
Input Peripherals						
✓	✓	✓	2203	Punched Tape Reader	\$ 1,800.00	\$ 18.00
✓	✓	✓	2214	Mark Sense Card Reader	\$ 1,000.00	\$ 10.00
●	●	●	2234A	Hopper-Feed Punch Card Reader	\$ 4,000.00	\$ 40.00
●	●	●	2244A	Hopper-Feed Mark Sense/Punch Card Reader	\$ 4,800.00	\$ 48.00
●	●	●	2262-1	Digitizer 20" x 20" Tablet	\$ 5,000.00	\$ 25.00
●	●	●	2262-2	Digitizer 30" x 40" Tablet (special order)	\$ 7,000.00	\$ 25.00
●	●	●	2262-3	Digitizer 36" x 48" Tablet (special order)	\$ 8,000.00	\$ 25.00
				Annunciator option for Digitizer	\$ 25.00	N/A

● At least one option indicated is recommended for 2200S.

* At least one option checked (✓) is required for 2200S.

** One terminal Emulator Program included in basic price.

Additional Terminal Emulator Programs may be ordered for \$200. each.

Required Terminal Emulator Program must be specified on order. Available Terminal Emulator Programs are as follows:

1. TEP-28-2780 (IBM 2780 Emulation)
2. TEP-28-3780 (IBM 3780 Emulation)
3. TEP-28-3741 (IBM 3741 Emulation)



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836 NORTH STREET, TEWKSBURY, MASSACHUSETTS 01876, TEL. (617) 861-4111, TWX 710 343-6769, TELEX 94-7421

PRICE LIST

Required Option* for 2200S			Model	Description	Unit Price	Monthly Maint. Price
22	23	24	Mass Storage Peripherals			
	✓	✓	2209	Nine-Track Tape Drive	\$12,000.00	\$ 90.00
			2217	Single Tape Cassette Drive	\$ 1,200.00	\$ 13.50
			2218	Dual Tape Cassette Drive	\$ 2,300.00	\$ 26.00
		✓	2224-2	Disk Multiplexer (for 2 CPU's)	\$ 2,000.00	\$ 10.00
		✓	2224-3	Disk Multiplexer (for 3 CPU's)	\$ 2,500.00	\$ 12.50
		✓	2224-4	Disk Multiplexer (for 4 CPU's)	\$ 3,000.00	\$ 15.00
		✓	2230-1	Fixed/Removable Disk Drive 1,228,800 bytes	\$11,500.00	\$100.00
		✓	2230-2	Fixed/Removable Disk Drive 2,457,600 bytes	\$12,000.00	\$100.00
		✓	2230-3	Fixed/Removable Disk Drive 5,013,504 bytes	\$12,500.00	\$100.00
		✓	2230 MXA	Daisy-Chain-type Disk Multiplexer (1st CPU)	\$ 800.00	\$ 4.00
		✓	2230 MXB	Daisy-Chain-type Disk Multiplexer (2nd, 3rd, or 4th CPU)	\$ 500.00	\$ 2.50
		✓	2270-1	Single Removable Diskette Disk Drive 262,144 bytes	\$ 3,200.00	\$ 30.00
		✓	2270-2	Dual Removable Diskette Disk Drive 524,288 bytes	\$ 4,700.00	\$ 45.00
		✓	2270-3	Triple Removable Diskette Disk Drive 786,432 bytes	\$ 6,200.00	\$ 60.00
		✓	2260	Fixed/Removable Disk Drive 10,027,008 bytes	\$14,500.00	\$123.75
		✓	2260-2	Dual 10 Meg Disk System (20,054,016 Bytes)	\$23,000.00	\$247.50

● At least one option indicated is recommended for 2200S.

* At least one option checked (✓) is required for 2200S.

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PRICE LIST

50 STATES, DISTRICT OF COLUMBIA, & PUERTO RICO

F.O.B. Tewksbury, Mass. All taxes additional. Prices subject to change without notice.

Model	Description	Unit Price	Monthly Maint. Price
2200-PCS-2	Portable Computing System with 8K bytes, 9 inch CRT (64 x 16 Upper/Lower Case Display) Single Cassette Drive and Keyboard	\$5,400.00	\$ 43.00
2200-PCS-4	Portable Computing System with 16K bytes, 9 inch CRT (64 x 16 Upper/Lower Case Display) Single Cassette Drive and Keyboard	\$7,000.00	\$ 59.00
2200-PCS-6	Portable Computing System with 24K bytes, 9 inch CRT (64 x 16 Upper/Lower Case Display) Single Cassette Drive and Keyboard	\$8,400.00	\$ 75.00
2200-PCS-8	Portable Computing System with 32K bytes, 9 inch CRT (64 x 16 Upper/Lower Case Display) Single Cassette Drive and Keyboard	\$9,800.00	\$ 91.00
-	Upgrade of 8K Bytes of Memory	\$2,000.00	\$ 16.00
-	Upgrade of 16K Bytes of Memory	\$3,200.00	\$ 32.00
Options			
OP-60	Keyboard Clicker, Audio Alarm, and Auxiliary CRT Connector	\$ 100.00	\$ 2.00
Peripherals			
2221W	200 Characters/sec Printer, 10 Pitch, 132 Characters/Line	\$5,000.00	\$ 56.00
2231W-1	120 Characters/sec Printer, 10 Pitch, 112 Characters/Line	\$2,900.00	\$ 33.00
2272-1	Drum Plotter with Single Pen	\$2,900.00	\$ 30.00
2272-2	Drum Plotter with Three Pens	\$3,200.00	\$ 33.00

A service charge for installation and testing is required on all orders for upgrades, conversions, and additional peripherals/options. Contact your local Wang representative for details and quotation.

WANG 2200 PORTABLE COMPUTING SYSTEM (HARDWARE)

WANG

LABORATORIES, INC.

836 NORTH STREET, TEWKSBURY, MASSACHUSETTS 01876, TEL.(617) 851-4111, TWX 710 343-6769, TELEX 94-7421

PRICE LIST**50 STATES, DISTRICT OF COLUMBIA, & PUERTO RICO**

F.O.B. Tewksbury, Mass. All taxes additional. Prices subject to change without notice.

Model	Description	Unit Price	Monthly Maint. Price
Central Processing Units (CPUs)			
2200VP-4	CPU with 16K Memory & 9 I/O Slots	\$13,000.00	\$ 75.00
2200VP-8	CPU with 32K Memory & 9 I/O Slots	15,800.00	107.00
2200VP-12	CPU with 48K Memory & 9 I/O Slots	18,600.00	138.00
2200VP-16	CPU with 64K Memory & 9 I/O Slots	21,400.00	171.00
<i>Note: 2200VP includes Disk, General I/O, Advanced Programming, & Matrix ROM Instruction Set.</i>			
Disk Work Stations			
2200-WS-2	Disk Work Station with 8K, Keyboard, 12 inch CRT (64 x 16 Upper/Lower Case) and Disk Multiplexer Interface	\$ 4,900.00	\$ 43.00
2200-WS-4	Disk Work Station with 16K, Keyboard, 12 inch CRT (64 x 16 Upper/Lower Case) and Disk Multiplexer Interface	6,500.00	59.00
2200-WS-6	Disk Work Station with 24K, Keyboard, 12 inch CRT (64 x 16 Upper/Lower Case) and Disk Multiplexer Interface	7,900.00	75.00
2200-WS-8	Disk Work Station with 32K, Keyboard, 12 inch CRT (64 x 16 Upper/Lower Case) and Disk Multiplexer Interface	9,300.00	91.00
<i>Note: Work Stations are to be used with Hard Disk only. Master Processor requires MXA.</i>			
OP-60*	Keyboard Clicker, Audio Alarm & Auxiliary CRT Connector	\$ 100.00	\$ 2.00
OP-61*	Output Writer (156 Column/15 CPS) w/Controller	2,600.00	24.00
OP-66**	80 x 24 Upper/Lower Case CRT	400.00	5.00
—	Work Station T Connector (Required on 2nd and subsequent Work Stations)	50.00	N/C
Memory Blocks for VP CPU and Work Stations			
—	Upgrade of 8K Bytes of Memory (WS CPU only)	\$ 2,000.00	\$ 16.00
—	Upgrade of 16K Bytes of Memory (WS & VP CPU)	3,200.00	32.00

* Available only on WS and PCS Systems.

** Available only on WS Systems.

WANG SYSTEM 2200VP (HARDWARE)

PRICE LIST

Model	Description	Unit Price	Monthly Maint. Price
CPU/Keyboard/Display Options			
OP-30	Upper/Lowercase for 2226 CRT	\$ 200.00	\$ 1.00
OP-31	Audio Signal for 2226 CRT	200.00	1.00
OP-32	Keyboard Clicker	80.00	N/A
*OP-33	80 x 24 Upper/Lower Case CRT Display	400.00	5.00
2290	CPU/Peripheral Stand	250.00	N/A
2295	2231W Printer Stand	250.00	N/A
Keyboard/Display Peripherals			
2226	Console — 12" CRT and Keyboard	\$ 2,200.00	\$ 10.00
2292	Auxiliary Display w/25' cable	600.00	2.50
Output Peripherals			
2201	Output Writer (156 Column/15 CPS)	\$ 2,400.00	\$ 24.00
2202	Plotting Output Writer (13 CPS)	4,000.00	40.00
2212	Analog Flatbed Plotter (10" x 15")	3,600.00	36.00
2221W	Wang Line Printer (132 Column/200 CPS)	5,000.00	56.00
2231W-1	Line Printer (112 Column/120 CPS)	2,900.00	33.00
2231W-2	Wang Line Printer (132 Column/120 CPS)	3,800.00	33.00
2232A	Digital Flatbed Plotter (31" x 48")	8,000.00	80.00
2251	110 CPS Printer, 40 Characters Line	1,100.00	11.00
2261	High Speed Printer (132 Column/330 CPS)	7,300.00	73.00
2272-1	Wang Drum Plotter, 16" Wide, Single Pen	2,900.00	30.00
2272-2	Wang Drum Plotter, 16" Wide, Three Pens	3,200.00	33.00
	Wang Line Printer Controller	150.00	N/C
2291	Digital Flatbed Plotter Stand	350.00	N/A
Interface Controllers			
2207A	I/O Interface Controller (RS-232-C) Selectable BPS	\$ 600.00	\$ 3.00
2227	Asynchronous Telecommunications Controller	900.00	4.50
2227B	Buffered Asynchronous Communications Controller	1,000.00	15.00
2228**	Communications Controller	2,500.00	15.00
2227N	Null Modem for 2227	50.00	N/A
2250	I/O Interface Controller (8-bit parallel)	400.00	2.00
2252A	Scanning Input Interface Controller (BCD 1-10 digit parallel)	600.00	3.00
2254	IEEE-488 Interface Controller	750.00	4.00
Input Peripherals			
2203	Punched Tape Reader	\$ 1,800.00	\$ 18.00
2214	Mark Sense Card Reader	1,000.00	10.00
2234A	Hopper-Feed Punch Card Reader	4,000.00	40.00
2244A	Hopper-Feed Mark Sense/Punch Card Reader	4,800.00	48.00
2262-1	Digitizer 20" x 20" Tablet	5,000.00	25.00
2262-2	Digitizer 30" x 40" Tablet (special order)	7,000.00	25.00
2262-3	Digitizer 36" x 48" Tablet (special order)	8,000.00	25.00
	Annunciator option for Digitizer	25.00	N/A
Mass Storage Peripherals			
2209	Nine-Track Tape Drive	\$12,000.00	\$ 90.00
2224-2	Disk Multiplexer (for 2 CPU's)	2,000.00	10.00
2224-3	Disk Multiplexer (for 3 CPU's)	2,500.00	12.50
2224-4	Disk Multiplexer (for 4 CPU's)	3,000.00	15.00
2230-1	Fixed/Removable Disk Drive 1,228,800 bytes	11,500.00	100.00
2230-2	Fixed/Removable Disk Drive 2,457,600 bytes	12,000.00	100.00
2230-3	Fixed/Removable Disk Drive 5,013,504 bytes	12,500.00	100.00
2230 MXA	Daisy-Chain-type Disk Multiplexer (1st CPU)	800.00	4.00
2230 MXB	Daisy-Chain-type Disk Multiplexer (2nd, 3rd, or 4th CPU)	500.00	2.50
2270-1	Single Removable Diskette Disk Drive 262,144 bytes	3,200.00	30.00
2270-2	Dual Removable Diskette Disk Drive 524,288 bytes	4,700.00	45.00
2270-3	Triple Removable Diskette Disk Drive 786,432 bytes	6,200.00	60.00
2260	Fixed/Removable Disk Drive 10,027,008 bytes	14,500.00	123.75
2260-2	Dual 10 Megabyte Disk System (20,054,016 Bytes)	23,000.00	247.50

* To be used only with the "VP", "T" CPU or "S" CPU w/OP-24 and 12" CRT (2226 or 2216)

** One terminal Emulator Program included in basic price.

Additional Terminal Emulator Programs may be ordered for \$200.00 each.

Required Terminal Emulator Program must be specified on order. Available Terminal Emulator Programs are as follows:

1. TEP-28-2780 (IBM 2780 Emulation) 2. TEP-28-3780 (IBM 3780 Emulation) 3. TEP-28-3741 (IBM 3741 Emulation)

WANG

LABORATORIES, INC.

836 NORTH STREET, TEWKSBURY, MASSACHUSETTS 01876, TEL (617) 851-4111, TWX 710 343-6769, TELEX 94-7421

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WANG

LABORATORIES, INC.

ONE INDUSTRIAL AVENUE, LOWELL, MASSACHUSETTS 01851. TEL. (617) 851-4111. TWX 710 343-6768. TELEX 94-7421

PRICE LIST

UNITED STATES (EXCEPT ALASKA), DISTRICT OF COLUMBIA & PUERTO RICO

F.O.B. Tewksbury, Mass. All taxes additional. Prices subject to change without notice.

Model	Description	Unit Price	Monthly Maint. Price
FMS 20	Forms Management System with 12-inch CRT (80 x 24), keyboard, dual diskette drives, printer (120 cps, 12-pitch, 132 characters/line) and desk	\$17,800.00	\$121.00
Multiplex Controller and Interactive Terminals			
FMS 36 MXC	Multiplex Controller (supports full duplex asynchronous communications with up to four interactive terminals)	\$1,500.00	\$8.00
FMS 36	Interactive terminal (asynchronous)	\$2,400.00	\$15.00
Peripherals			
FMS 31W-2	120 Characters/sec Printer, 12-pitch 132 Characters/Line	\$3,800.00	\$33.00
FMS 81	40 Characters/sec Daisy Printer, switch-selectable 10-pitch/132 column line, or 12-pitch/158 column line	\$3,600.00	\$35.00

A service charge for installation and testing is required on all orders for upgrades, conversions, and additional peripherals/options. Contact your local Wang representative for details and quotation.

Wang Laboratories reserves the right to change specifications without prior notice.

WANG FORMS MANAGEMENT SYSTEM 20



LABORATORIES, INC.

ONE INDUSTRIAL AVENUE, LOWELL, MASSACHUSETTS 01851, TEL. (617) 851-4111, TWX 710 343-8769, TELEX 94-7421

PRICE LIST

50 STATES, DISTRICT OF COLUMBIA, & PUERTO RICO

F.O.B. Tewksbury, Mass. All taxes additional. Prices subject to change without notice.

Model	Description	Unit Price	Monthly Maint. Price			
CENTRAL PROCESSING UNITS						
2200 VP CPU						
2200VP-4	CPU – 16K Memory and 9 I/O Slots	\$13,000.00	\$ 75.00			
2200VP-8	Same as above with 32K	\$15,400.00	\$107.00			
2200VP-12	Same as above with 48K	\$17,800.00	\$139.00			
2200VP-16	Same as above with 64K	\$20,200.00	\$171.00			
2200 T CPU						
2200T-2	CPU – 8K Memory and 3 I/O Slots	\$ 4,800.00	\$ 33.00			
2200T-4	Same as above with 16K	\$ 6,400.00	\$ 49.00			
2200T-6	Same as above with 24K	\$ 7,800.00	\$ 65.00			
2200T-8	Same as above with 32K	\$ 9,200.00	\$ 81.00			
2200 S CPU						
2200S-1	CPU – 4K Memory and 3 I/O Slots	\$ 2,400.00	\$ 19.50			
2200S-2	Same as above with 8K	\$ 2,800.00	\$ 27.50			
2200S-4	Same as above with 16K	\$ 4,400.00	\$ 43.50			
2200S-6	Same as above with 24K	\$ 5,800.00	\$ 59.50			
2200S-8	Same as above with 32K	\$ 7,200.00	\$ 75.50			
DISK WORK STATION						
2200WS-2	12" CRT (64 x 16) KB and MXB – 8K Memory CPU	\$ 4,900.00	\$ 43.00			
2200WS-4	Same as above with 16K CPU	\$ 6,500.00	\$ 59.00			
2200WS-6	Same as above with 24K CPU	\$ 7,900.00	\$ 75.00			
2200WS-8	Same as above with 32K CPU	\$ 9,300.00	\$ 91.00			
ADDITIONAL MEMORY AND OPTIONS						
Compatible With				Description	Unit Price	Monthly Maint. Price
VP	T	S	WS			
		✓		4K Memory Upgrade (2200S-1 only)	\$ 1,200.00	\$ 8.00
	✓	✓	✓	8K Memory Upgrade	\$ 2,000.00	\$ 16.00
✓				16K Memory Upgrade	\$ 2,800.00	\$ 32.00
	✓	✓	✓	16K Memory Upgrade (2200VP only)	\$ 3,200.00	\$ 32.00
			✓	Work Station T-Connector (for 2nd & 3rd WS)	\$ 50.00	N/C

WANG 2200 COMPUTING SYSTEMS (HARDWARE)

Compatible With				Model	Description	Unit Price	Monthly Maint. Price
VP	T	*S	WS				
INPUT/OUTPUT CRT CONSOLES, CONTROLLERS AND OPTIONS							
	✓	✓		2220	9" CRT, Keyboard, Cassette Console with Controller	\$ 3,000.00	\$ 15.00
				Consists of:			
	✓	✓		22D30	9" CRT, Keyboard, Cassette Console Only	\$ 2,000.00	\$ 10.00
	✓	✓		22C30	Triple Controller for Cassette, Keyboard, Line Printer	\$ 400.00	\$ 2.00
✓	✓	✓		22C32	64 x 16 CRT Controller	\$ 600.00	\$ 3.00
✓	✓	4		2226	12" CRT (64 x 16) Keyboard Console with Controller	\$ 2,200.00	\$ 10.00
				Consists of:			
✓	✓	✓		22D31	12" CRT, Keyboard Console Only	\$ 1,200.00	\$ 5.00
✓	✓	4		22C31	Triple Controller for Disk/Diskette, Keyboard, Line Printer	\$ 400.00	\$ 2.00
✓	✓	✓		22C32	64 x 16 CRT Controller	\$ 600.00	\$ 3.00
✓	✓	4		2226A	12" CRT (80 x 24) Keyboard Console with Controller	\$ 2,600.00	\$ 15.00
				Consists of:			
✓	✓	✓		22D31	12" (80 x 24) CRT, Keyboard Console Only	\$ 1,200.00	\$ 5.00
✓	✓	4		22C31	Triple Controller for Disk/Diskette, Keyboard, Line Printer	\$ 400.00	\$ 2.00
✓	✓	✓		22C33	80 x 24 CRT Controller	\$ 1,000.00	\$ 8.00
CPU & CONSOLE OPTIONS							
	✓	✓		OP-20	Extended Chassis – Total of 6 I/O Slots	\$ 600.00	N/C
	✓	✓		OP-20A	Extended Chassis – Total of 9 I/O Slots	\$ 1,200.00	N/C
		✓		OP-21	Matrix ROM	\$ 300.00	\$ 1.50
		✓		OP-22	Matrix & Advanced Programming ROM	\$ 800.00	\$ 4.00
		✓		OP-23	Matrix, Advanced Programming & GIO ROM	\$ 1,100.00	\$ 5.50
		✓		OP-24	Matrix, Advanced Programming, GIO, SORT, & Disk ROM	\$ 2,000.00	\$ 5.50
✓	✓	4		OP-30	Upper/Lower Case for 2226	\$ 200.00	\$ 1.00
✓	✓	✓		OP-31	Audio Signal for 2226	\$ 200.00	\$ 1.00
✓	✓	✓		OP-32	Keyboard Clicker	\$ 80.00	N/C
✓	✓	4		OP-33	80 x 24 CRT Controller for 2226 only	\$ 400.00	\$ 5.00
			✓	OP-60	Keyboard Clicker, Audio Alarm & Auxiliary CRT Connector	\$ 100.00	\$ 2.00
			✓	OP-66	80 x 24 Upper/Lower Case CRT Controller for WS	\$ 400.00	\$ 5.00
INPUT/OUTPUT MONITORS AND TERMINALS							
✓	✓	4		2236	Interactive Terminal Only	\$ 2,400.00	\$ 15.00
✓	✓	4		2236 MXC-1	4 Port Terminal Multiplexer for 2236	\$ 1,500.00	\$ 8.00
✓				2236 MXC-2**	8 Port Terminal Multiplexer for 2236	\$ 2,250.00	\$ 11.50
✓	✓	✓	✓	2292	Auxiliary CRT Display with 25' Cable	\$ 600.00	\$ 2.50

**MXC-2 takes 2 Slots.

*Checkmark indicates "S" with no options: 1 indicates "S" with OP-21 required,
 2 indicates "S" with OP-22 required,
 3 indicates "S" with OP-23 required,
 4 indicates "S" with OP-24 required.

Compatible With				Model	Description	Unit Price	Monthly Maint. Price
VP	T	*S	WS				
OUTPUT PERIPHERALS							
✓	✓	✓		2201	Output Writer (156 Col./15 CPS) with Controller	\$ 2,600.00	\$ 26.00
✓	✓	✓	✓	Consists of:			
				22D01	Output Writer Only	\$ 2,400.00	\$ 24.00
				22C01	Output Writer/Plotter Controller	\$ 200.00	\$ 2.00
✓	✓	2		2202	Plotting Output Writer with Controller	\$ 4,000.00	\$ 40.00
				Consists of:			
✓	✓	2	✓	22D02	Plotting Output Writer Only	\$ 3,800.00	\$ 38.00
✓	✓	✓		22C01	Output Writer/Plotter Controller	\$ 200.00	\$ 2.00
✓	✓	✓	✓	2221W***	Wang Line Printer (132 Col./200 CPS) Only	\$ 5,000.00	\$ 56.00
✓	✓	✓		22C02	Printer/Drum Plotter Controller	\$ 200.00	\$ 2.00
✓	✓	✓	✓	2231W-1***	Wang Line Printer (112 Col./120 CPS) Only	\$ 2,900.00	\$ 33.00
✓	✓	✓		22C02	Printer/Drum Plotter Controller	\$ 200.00	\$ 2.00
✓	✓	✓	✓	2231W-2***	Wang Line Printer (132 Col./120 CPS) Only	\$ 3,800.00	\$ 33.00
✓	✓	✓		22C02	Printer/Drum Plotter Controller	\$ 200.00	\$ 2.00
✓	✓	✓	✓	2221M	Wang Line Printer Multiplexer	\$ 300.00	\$ 5.00
✓	✓	2		2232B	Digital Flatbed Plotter (31" x 48") with Controller	\$ 8,000.00	\$ 50.00
				Consists of:			
✓	✓	2	✓	22D32	Digital Flatbed Plotter Only	\$ 7,800.00	\$ 48.00
✓	✓	2		22C01	Output Writer/Plotter Controller	\$ 200.00	\$ 2.00
✓	✓	✓	✓	2251***	Line Printer (40 Col./110 CPS) Only	\$ 1,100.00	\$ 11.00
✓	✓	✓		22C02	Drum Plotter/Printer Controller	\$ 200.00	\$ 2.00
✓	✓	✓	✓	2261W***	Wang Line Printer (240 LPM) Only	\$ 7,000.00	\$ 75.00
✓	✓	✓		22C02	Printer/Drum Plotter Controller	\$ 200.00	\$ 2.00
✓	✓	✓		2263-1***	Line Printer (400 LPM) Only	\$14,500.00	\$125.00
✓	✓	✓		22C02	Printer/Drum Plotter Controller	\$ 200.00	\$ 2.00
✓	✓	✓		2263-2***	Line Printer (600 LPM) Only	\$16,000.00	\$138.00
✓	✓	✓		22C02	Printer/Drum Plotter Controller	\$ 200.00	\$ 2.00
✓	✓	✓	✓	2271***	Bi-directional Output Writer Only	\$ 2,600.00	\$ 26.00
✓	✓	✓		22C02	Printer/Drum Plotter Controller	\$ 200.00	\$ 2.00
✓	✓	2	✓	2272-1***	Wang Single Pen Drum Plotter Only	\$ 2,900.00	\$ 30.00
✓	✓	✓		22C02	Printer/Drum Plotter Controller	\$ 200.00	\$ 2.00
✓	✓	2	✓	2272-2***	Wang Triple Pen Drum Plotter Only	\$ 3,200.00	\$ 33.00
✓	✓	✓		22C02	Printer/Drum Plotter Controller	\$ 200.00	\$ 2.00
✓	✓	✓	✓	2281***	Daisy Output Writer (40 CPS) Only	\$ 3,600.00	\$ 35.00
✓	✓	✓		22C02	Printer/Drum Plotter Controller	\$ 200.00	\$ 2.00
			✓	OP-61	Output Writer (156 Col./15 CPS) with Controller (not available as field upgrade)	\$ 2,600.00	\$ 26.00

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2 indicates "S" with OP-22 required,
3 indicates "S" with OP-23 required,
4 indicates "S" with OP-24 required,

***May also be connected to triple controller if slot available.

Compatible With				Model	Description	Unit Price	Monthly Maint. Price
VP	T	*S	WS				
MASS STORAGE PERIPHERALS							
✓	✓	3		2209	800 BPI 9-Track Tape Drive With Controller	\$12,000.00	\$ 90.00
				Consists of:			
✓	✓	3		22D09	800 BPI 9-Track Tape Drive Only	\$11,600.00	\$ 88.00
✓	✓	3		2250	8-Bit Parallel I/O Interface Controller	\$ 400.00	\$ 2.00
				2217	Single Tape Cassette Drive with Controller	\$ 1,200.00	\$ 13.50
				Consists of:			
	✓	✓		22D17	Single Tape Cassette Drive Only	\$ 1,000.00	\$ 11.50
	✓	✓		22C10	Single Tape Cassette Drive Controller	\$ 200.00	\$ 2.00
	✓	✓		2218	Dual Tape Cassette Drive With Controller	\$ 2,300.00	\$ 26.00
				Consists of:			
	✓	✓		22D18	Dual Tape Cassette Drive Only	\$ 2,000.00	\$ 24.00
	✓	✓		22C08	Dual Tape Cassette Drive Controller	\$ 300.00	\$ 2.00
✓	✓	4		2230 MXA	Master Daisy Chain Disk Multiplexer Controller	\$ 800.00	\$ 4.00
✓	✓	4		2230 MXB	Slave Daisy Chain Disk Multiplexer Controller	\$ 500.00	\$ 2.50
✓	✓	4		2260B¼	2.5MB F/R Disk Drive With Controller	\$ 9,000.00	\$100.00
				Consists of:			
✓	✓	4		22D80	2.5MB F/R Disk Drive Only	\$ 8,800.00	\$ 98.00
✓	✓	4		22C03	Disk/Diskette Controller	\$ 200.00	\$ 2.00
✓	✓	4		2260B½	5.0MB F/R Disk Drive With Controller	\$11,000.00	\$100.00
				Consists of:			
✓	✓	4		22D81	5.0MB F/R Disk Drive Only	\$10,800.00	\$ 99.00
✓	✓	4		22C03	Disk/Diskette Controller	\$ 200.00	\$ 1.00
✓	✓	4		2260B	10.0MB F/R Disk Drive With Controller	\$13,000.00	\$123.75
				Consists of:			
✓	✓	4		22D82	10.0MB F/R Disk Drive Only	\$12,800.00	\$121.75
✓	✓	4		22C03	Disk/Diskette Controller	\$ 200.00	\$ 2.00
✓	✓	4		2260B-2	Dual 10.0MB F/R Disk Drives with Controller	\$23,000.00	\$247.50
				Consists of:			
✓	✓	4		22D83	Dual 10.0MB F/R Disk Drives Only	\$22,800.00	\$245.50
✓	✓	4		22C03	Disk/Diskette Controller	\$ 200.00	\$ 2.00
✓	✓	4		2270-1***	.25MB Single Removable Diskette Drive Only	\$ 3,200.00	\$ 30.00
✓	✓	4		22C03	Disk/Diskette Controller	\$ 200.00	\$ 2.00
✓	✓	4		2270-2***	.50MB Dual Removable Diskette Drive Only	\$ 4,700.00	\$ 45.00
✓	✓	4		22C03	Disk/Diskette Controller	\$ 200.00	\$ 2.00
✓	✓	4		2270-3***	.75MB Triple Removable Diskette Drive Only	\$ 6,200.00	\$ 60.00
✓	✓	4		22C03	Disk/Diskette Controller	\$ 200.00	\$ 2.00
✓	✓	4		2270A-1***	.25MB IBM 3740 Compatible Single Removable Diskette Drive Only	\$ 3,600.00	\$ 30.00
✓	✓	4		22C03	Disk/Diskette Controller	\$ 200.00	\$ 2.00
✓	✓	4		2270A-2***	.50MB IBM 3740 Compatible Dual Removable Diskette Drive Only	\$ 5,100.00	\$ 45.00
✓	✓	4		22C03	Disk/Diskette Controller	\$ 200.00	\$ 2.00
✓	✓	4		2270A-3***	.75MB IBM 3740 Compatible Triple Removable Diskette Drive Only	\$ 6,600.00	\$ 60.00
✓	✓	4		22C03	Disk/Diskette Controller	\$ 200.00	\$ 2.00

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***May also be connected to triple controller if slot available.

Compatible With				Model	Description	Unit Price	Monthly Maint. Price
VP	T	*S	WS				
INPUT PERIPHERALS							
✓	✓	2		2203	Punched Paper Tape Reader With Controller	\$ 1,800.00	\$ 18.00
				Consists of:			
✓	✓	2		22D03	Punched Paper Tape Reader Only	\$ 1,600.00	\$ 16.00
✓	✓	2		22C04	Punched Paper Tape Reader Controller	\$ 200.00	\$ 2.00
	✓	2		2214	Single Marked-Sense Card Reader With Controller	\$ 1,000.00	\$ 10.00
				Consists of:			
	✓	2		22D14	Single Marked Sense Card Reader Only	\$ 800.00	\$ 8.00
	✓	2		22C05	Single Marked Sense Card Reader Controller	\$ 200.00	\$ 2.00
✓	✓	2		2234A	Hopper Feed Punched Card Reader With Controller	\$ 4,000.00	\$ 40.00
				Consists of:			
✓	✓	2		22D34	Hopper-Feed Punched Card Reader Only	\$ 3,000.00	\$ 30.00
✓	✓	2		22C06	Hopper-Feed Card Reader Controller	\$ 1,000.00	\$ 10.00
✓	✓	2		2244A	Hopper Feed Marked Sense/Punched Card Reader With Controller	\$ 4,800.00	\$ 48.00
				Consists of:			
✓	✓	2		22D44	Hopper Feed Marked Sense/Punched Card Reader Only	\$ 3,800.00	\$ 38.00
✓	✓	2		22C06	Hopper Feed Card Reader Controller	\$ 1,000.00	\$ 10.00
✓	✓	2		2262-1	20" x 20" Digitizer With Controller	\$ 5,000.00	\$ 25.00
				Consists of:			
✓	✓	2		22D97	20" x 20" Digitizer Only	\$ 4,400.00	\$ 22.00
✓	✓	2		2252A	Scanning Input Interface Controller	\$ 600.00	\$ 3.00
✓	✓	2		2262-2	30" x 40" Digitizer With Controller (Special Order)	\$ 7,000.00	\$ 25.00
				Consists of:			
✓	✓	2		22D98	30" x 40" Digitizer Only (Special Order)	\$ 6,400.00	\$ 22.00
✓	✓	2		2252A	Scanning Input Interface Controller	\$ 600.00	\$ 3.00
✓	✓	2		2262-3	36" x 48" Digitizer With Controller (Special Order)	\$ 8,000.00	\$ 25.00
				Consists of:			
✓	✓	2		22D99	36" x 48" Digitizer Only (Special Order)	\$ 7,400.00	\$ 22.00
✓	✓	2		2252A	Scanning Input Interface Controller	\$ 600.00	\$ 3.00
✓	✓	2			Digitizer Annunciator Option	\$ 25.00	N/C

*Checkmark indicates "S" with no options required, 1 indicates "S" with OP-21 required,
2 indicates "S" with OP-22 required,
3 indicates "S" with OP-23 required,
4 indicates "S" with OP-24 required.

PRICE LIST

Compatible With				Model	Description	Unit Price	Monthly Maint. Price
VP	T	*S	WS				
INTERFACE CONTROLLERS & ACCESSORIES							
✓	✓	2		2207A	I/O Interface Controller (RS-232-C)	\$ 600.00	\$ 3.00
✓	✓	4		2227B	Buffered Asynchronous Telecommunications Controller	\$ 1,000.00	\$ 15.00
✓	✓	3		2227N	Null Modem	\$ 50.00	N/C
✓	✓	4		2228	Bisynchronous Communications Controller	\$ 2,500.00	\$ 15.00
✓	✓	4		2228B	Bisynchronous Communications Controller	\$ 2,000.00	\$ 15.00
✓	✓	3		2250	I/O Interface Controller (8-bit Parallel)	\$ 400.00	\$ 2.00
✓	✓	3		2252A	Scanning Input Interface Controller (BCD 1-10 Digit Parallel)	\$ 600.00	\$ 3.00
✓	✓	3		2254	IEEE-488 Interface Controller	\$ 750.00	\$ 4.00
STANDS							
				2290	CPU/Peripherals Stand	\$ 250.00	N/C
				2291	2232B Digital Flatbed Plotter Stand	\$ 350.00	N/C
				2294	WCS Equipment Stand	\$ 250.00	N/C
				2295	2231W Line Printer Stand	\$ 250.00	N/C
				FS-1	WCS 10 Stand	\$ 250.00	N/C
				FS-2	WCS 20/30 Desk	\$ 500.00	N/C
				DE-1	Fixed/Removable Disk Enclosure	\$ 250.00	N/C

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PRICE LIST**50 STATES, DISTRICT OF COLUMBIA, & PUERTO RICO**

F.O.B. Tewksbury, Mass. All taxes additional. Prices subject to change without notice.

SPARK

Model	Description	Unit Price	Monthly Maintenance Price	
			Hardware	Software
Inventory only, 15,000 parts or less	2200T-6 CPU (OP-20) 2220, CRT/KB Cassette, 2260B-½ Disk Drive, 2231W-1 Printer, \$PARK Inventory Package (P/N 195-2106-4), 2295 Printer Stand, 279-8001 Desk, 279-8003 Disk Cabinet	\$29,800.00	\$213.00	\$30.00
Inventory only, more than 15,000 parts	2200T-6 CPU (OP-20), 2220 CRT/KB Cassette, 2260B Disk Drive, 2231W-1 Printer, \$PARK Inventory Package (P/N 195-2106-4), 2295 Printer Stand, 279-8001 Desk, 279-8003 Disk Cabinet	\$31,800.00	\$213.00	\$30.00
Inventory and Accounts/Receivable	2200T-6 CPU (OP-20), 2226 CRT/KB 2270-1 Diskette Drive, 2260B Disk Drive, 2231W-1 Printer, \$PARK Inventory Package (P/N 195-2106-4), \$PARK Accounts/Receivable Package (P/N 195-2027-4), 2295 Printer Stand, 279-8002 Desk, 279-8003 Disk Cabinet	\$35,700.00	\$233.00	\$50.00
Work Stations	MXA Disk Multiplexer	\$ 800.00	\$ 4.00	N/A
	2200-WS-6 Disk Work Stations (maximum of 3)	\$ 7,900.00	\$ 75.00	
	T-connector required in second and subsequent Work Stations	\$ 50.00	N/A	N/A
	50' cable (P/N 120-2225-50)	\$ 85.00	N/A	N/A
	100' cable (P/N 120-2225-1)	\$ 150.00	N/A	N/A
	200' cable (P/N 120-2225-2)	\$ 250.00	N/A	N/A
Printer Options (net price increase)	2231W-2	\$ 900.00	N/A	N/A
	2221W (includes stand)	\$ 1,850.00	\$ 23.00	N/A

PBS (Patient Billing System)

Model	Description	Unit Price	Monthly Maintenance Price	
			Hardware	Software
PBS I	2200 PCS-11A-4 (16K), Dual Diskette Drive, OP-60A 80x24 CRT, Keyboard Clicker, and Audio Alarm with a 2231W-1 Line Printer License of Software – create form, list form, edit form, data entry, and list data file (P/N 195-1027-8)	\$13,400.00	\$112.00	\$25.00
PBS II	WCS-20-4 (16K), Second Diskette Drive, OP-33, 80x24 CRT with a 2231W-1 Line Printer License of Software – create form, list form, edit form, data entry, and list data file (P/N 195-1027-3)	\$16,100.00	\$127.00	\$25.00

N.B. We recommend that first-year software maintenance be added to purchase price.

APPLICATION SOFTWARE

Wang/CASH

Model	Description	Unit Price	Monthly Maintenance Price	
			Hardware	Software
Wang/CASH	WCS-20-4 (16K) Second Diskette Drive, 2231-W-2 Line Printer License of Software – Client write-up consisting of chart of accounts, journal audit list, general ledger, financial statements, working trial balance payroll compensation, report, preparation of 941A and W-2 form (195-2014-2/3)	\$20,300.00	\$137.00	\$30.00
Feature 1	Option 30 Upper/Lower case CRT	\$ 200.00	\$ 1.00	N/A
Feature 2	Option 32 Keyboard Clicker	\$ 80.00	N/A	N/A
Feature 3	Option 66 80x24 Upper/Lower case CRT	\$ 400.00	\$ 5.00	N/A
Feature 4	2221W Line Printer (Add)	\$ 2,000.00	\$ 23.00	N/A
Feature 5	Special Product 9015 – Daisy Printer (Add)	\$ 2,000.00	\$ 17.00	N/A
Feature 6	License – Comparative Analysis Software (195-2019-3)	\$ 500.00	N/A	N/A
Feature 7	License – Change in Financial Position Software (195-2020-3)	\$ 500.00	N/A	N/A
Feature 8	License – Cash Flow Analysis Software (195-2021-3)	\$ 500.00	N/A	N/A
Feature 9	License – Depreciation and Amortization Software (195-2022)	\$ 500.00	N/A	N/A
Feature 10	License – Bank Reconciliation Software (195-2023-3)	\$ 500.00	N/A	N/A
Feature 11	License – Prepaid Insurance Software (195-2024-3)	\$ 500.00	N/A	N/A
Pre-CASH	WCS-10-2 (8K) Data Entry only including journal audit list software license (195-2015-1)	\$ 6,500.00	\$ 47.00	N/A

Wang/Mini-Cash (PCS II)

Model	Description	Unit Price	Monthly Maintenance Price	
			Hardware	Software
Wang/Mini-Cash	PCS II (16K), Second Diskette Drive, 2231-W-2 Line Printer, 80x24 CRT option License of Software – Client write-up consisting of chart of accounts, journal audit list, general ledger, financial statements, working trial balance payroll compensation, report, preparation of 941A and W-2 form (195-2014-2/3)	\$16,000.00	\$112.00	\$30.00
Feature 1	Option 66, 80x24 Upper/Lower Case CRT	\$ 400.00	\$ 5.00	N/A

AUTOMATE III

Model	Description	Unit Price	Monthly Maint. Price
SYSTEM A	2200T CPU with 16K, 6 I/O slots, 2226, 2270-1, 2260B½, 2221W, Stand, Desk, and Application Software* (P/N 195-2018-4)	\$40,900.00	\$261.00
SYSTEM B	2200T CPU with 16K, 6 I/O slots, 2226, 2270-1, 2260B, 2221W, Stand, Desk, and Application Software* (P/N 195-2018-4)	\$42,900.00	\$277.00
*Software Maintenance Charge		N/A	N/A

MANAGEMENT PLANNING SYSTEM

Model	Description	Unit Price	Monthly Maint. Price
MPS	Software only (P/N 195-1024-1/3) – runs on any configuration with at least 16K internal memory, and hard copy print device.	\$ 200.00	N/A

N.B. We recommend that first-year software maintenance be added to purchase price.

Time/Check (Time and Record-Keeping System)

Model	Description	Unit Price	Monthly Maintenance Price	
			Hardware	Software
Time/Check	WCS-20-4 (16K) Second Diskette Drive, 2231-W-2 Line Printer, License of Software – Time and Record-Keeping System	\$18,800.00	\$137.00	\$20.00
Feature 1	Option 30, Upper/Lower Case CRT	\$ 200.00	\$ 1.00	N/A
Feature 2	Option 66, 80x24 Upper/Lower Case CRT	\$ 400.00	\$ 5.00	N/A
Feature 3	Special Product 9015 – Daisy Printer, (Add)	\$ 2,000.00	\$ 17.00	N/A
Feature 4	Letter-Writing/Editing system License of Software	\$ 600.00	N/A	N/A

Time/Check II (PCS II)

Model	Description	Unit Price	Monthly Maintenance Price	
			Hardware	Software
Time/Check II	PCS II (16K), Second Diskette Drive, 2231-W-2 Line Printer, 80x24 CRT option License of Software – Time and Record-Keeping System	\$14,500.00	\$112.00	\$20.00
Feature 1	Option 66, 80x24 Upper/Lower Case CRT	\$ 400.00	\$ 5.00	N/A
Feature 2	Letter-Writing/Editing System License of Software	\$ 600.00	N/A	N/A

Mortgage Management System
Mortgage Management System Prices Effective March 2, 1977

Model	Description	Unit Price	Monthly Maintenance Price	
			Hardware	Software
System A PCS II 23 Customers	PCS IIA-4 CPU, two Mini-Diskettes, 2202, Mortgage Management Software License	\$17,000.00	\$118.00	\$45.00
System B Dual Diskette 73 Customers	WCS/20-4, OP-30, Second Diskette Drive, 2202, Mortgage Management Software License (P/N 195-2026-3)	\$22,500.00	\$145.00	\$45.00
System C Triple Diskette 146 Customers	WCS/20-4, OP-30, Second and Third Diskette Drives, 2202, Mortgage Management Software License (P/N 195-2026-3)	\$24,000.00	\$160.00	\$45.00
System D 5 Meg	2200T-4 CPU, OP-20, OP-30, 2260B½, 2202, 2290, Mortgage Management Software License	\$26,450.00	\$190.00	\$45.00
System E 10 Meg	2200T-4 CPU, OP-20, OP-30, 2260B, 2202, 2290, Mortgage Management Software License	\$28,450.00	\$190.00	\$45.00
Option 1	Additional Printer 2221W (200 CPS, with stand) 2231W-1 (120 CPS, 112 col.) 2231W-2 (120 CPS, 132 col.) Stand for 2231W Printers	\$ 5,000.00 \$ 2,900.00 \$ 3,800.00 \$ 250.00	\$ 56.00 \$ 33.00 \$ 33.00	N/A N/A N/A
Option 2 for D, and E	2270-1 Diskette Drive	\$ 3,200.00	\$ 30.00	N/A

N.B. We recommend that first-year software maintenance be added to purchase price.

PRICE LIST

LIFELINE

Model	Description	Unit Price	Monthly Maintenance Price	
			Hardware	Software
LIFELINE	Life Insurance illustration and proposal system featuring letter-writing/editing capabilities utilizing an automated multi-purpose client/prospect information file consisting of:	\$23,180.00	\$134.00	\$30.00
WCS-20-2	2200T CPU with 8K, 6 I/O slots, 2226, 2270-1, and desk			
OP-33	80x24 Upper/Lower Case CRT			
OP-31	Audio Signal for 2226 CRT			
-	Second Diskette Drive for WCS-20			
2281	Daisy Wheel Printer (40 CPS) Forms Tractor (P/N 725-0054T1)			
-	Software (P/N 195-2073V) 2 Program Diskettes 140 Policy-Ages/Diskette (Cash Value)* 360 Policy-Ages/Diskette (Term)* 1000 Clients/Diskette* 8000 Variables/Diskette* 59 Letters/Diskette*			
*Multiple diskettes allowed.				

MINI/LIFELINE

Model	Description	Unit Price	Monthly Maintenance Price	
			Hardware	Software
MINI LIFELINE	Life Insurance illustration and proposal system featuring letter-writing/editing capabilities utilizing an automated multi-purpose client/prospect information file consisting of:	\$17,480.00	\$ 98.00	\$30.00
2200 PCS II A-2	PCS with dual diskette drive with 8K memory			
OP-60A	24x80 Upper/Lower Case CRT Keyboard Clicker Audio Alarm			
2281	Daisy Wheel Printer			
	Software (P/N 195-2078V) 5 Program Diskettes 45 Policy-Ages/Diskette (Cash Value)* 160 Policy-Ages/Diskette (Term)* 340 Clients/Diskette* 2500 Variables/Diskette* 20 Letters/Diskette*			
*Multiple diskettes allowed.				

N.B. We recommend that first-year software maintenance be added to purchase price.

Wang Laboratories reserves the right to change specifications without prior notice.

WANG

LABORATORIES, INC.

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PRICE LIST

UNITED STATES (EXCEPT ALASKA), DISTRICT OF COLUMBIA & PUERTO RICO

F.O.B. Tewksbury, Mass. All taxes additional. Prices subject to change without notice.

Model	Description	Unit Price	Monthly Maint. Price
FMS 20	Forms Management System with 12-inch CRT (80 x 24), keyboard, dual diskette drives, printer (120 cps, 12-pitch, 132 characters/line) and desk	\$17,000.00	\$121.00
Peripherals			
FMS 31W-2	120 Characters/sec Printer, 12-pitch 132 Characters/Line	\$ 3,800.00	\$ 33.00
FMS 81	40 Characters/sec Daisy Printer, switch-selectable 10-pitch/132 column line, or 12-pitch/158 column line	\$ 3,600.00	\$ 35.00

A service charge for installation and testing is required on all orders for upgrades, conversions, and additional peripherals/options. Contact your local Wang representative for details and quotation.

Wang Laboratories reserves the right to change specifications without prior notice.

WANG FORMS MANAGEMENT SYSTEM 20

Effective Date: April 19, 1977



LABORATORIES, INC.

ONE INDUSTRIAL AVENUE, LOWELL, MASSACHUSETTS 01851. TEL. (617) 851-4111. TWX 710 343-6769. TELEX 94-7421

PRICE LIST

UNITED STATES (EXCEPT ALASKA), DISTRICT OF COLUMBIA & PUERTO RICO

F.O.B. Tewksbury, Mass. All taxes additional. Prices and equipment availability subject to change without notice.

Model	Description	Unit Price	Monthly Maint. Price
WCS-10			
WCS10-2	2200S CPU with 8K, 3 I/O slots, 2220, and stand	\$ 6,100.00	\$ 42.50
WCS10-4	Same as above with 16K CPU	\$ 7,700.00	\$ 58.50
WCS10-6	Same as above with 24K CPU	\$ 9,100.00	\$ 74.50
WCS10-8	Same as above with 32K CPU	\$10,500.00	\$ 90.50
WCS-20			
WCS20-2	2200T CPU with 8K, 6 I/O slots, 2226, 2270-1, stand and desk	\$11,200.00	\$ 73.00
WCS20-4	Same as above with 16K CPU	\$12,800.00	\$ 89.00
WCS20-6	Same as above with 24K CPU	\$14,200.00	\$105.00
WCS20-8	Same as above with 32K CPU	\$15,600.00	\$121.00
WCS-25			
WCS25-6	2200T CPU with 24K, 6 I/O slots, 2236 MXC-1, three 2236's, 2270-2, 2231W-2, 22C31 triple controller, printer stand and desk	\$26,750.00	\$198.00
WCS25-8	Same as above with 32K CPU	\$28,350.00	\$214.00
WCS-30			
WCS30A-4	2200T CPU with 16K, 6 I/O slots, 2226, 2270-1, 2260B½, 2231W-2, printer stand and desk	\$25,700.00	\$222.00
WCS30A-6	Same as above with 24K CPU	\$27,100.00	\$238.00
WCS30A-8	Same as above with 32K CPU	\$28,500.00	\$254.00
WCS30B-4	2200T CPU with 16K, 6 I/O slots, 2226, 2270-1, 2260B½, 2231W-2, printer stand and desk	\$27,700.00	\$222.00
WCS30B-6	Same as above with 24K CPU	\$29,100.00	\$238.00
WCS30B-8	Same as above with 32K CPU	\$30,500.00	\$254.00
WCS30C-4	2200T CPU with 16K, 6 I/O slots, 2226, 2270-1, 2260B, 2231W-2, printer stand and desk	\$29,700.00	\$245.75
WCS30C-6	Same as above with 24K CPU	\$31,100.00	\$261.75
WCS30C-8	Same as above with 32K CPU	\$32,500.00	\$277.75
WCS-40			
WCS40-8	2200 MVP CPU with 32K, 9 I/O slots, 2236 MXD-1, three 2236's, 2270-1, 2260B, 2261W, 22C31 triple controller, desk, printer stand and disk enclosure	\$48,950.00	\$390.75
WCS40-12	Same as above with 48K CPU	\$51,350.00	\$422.75
WCS40-16	Same as above with 64K CPU	\$53,750.00	\$454.75

WANG COMPUTER SYSTEMS AND WORK STATIONS

PRICE LIST

Work Stations			
2200WS-2	WS-CPU with 8K, 12 inch (64x16 U/L) CRT, KB and Disk Multiplexer Interface	\$ 4,900.00	\$ 43.00
2200WS-4	Same as above with 16K CPU	\$ 6,500.00	\$ 59.00
2200WS-6	Same as above with 24K CPU	\$ 7,900.00	\$ 75.00
2200WS-8	Same as above with 32K CPU	\$ 9,300.00	\$ 91.00
Memory			
-	Upgrade of 8K bytes of memory (not for WCS-40)	\$ 2,000.00	\$ 16.00
-	Upgrade of 16K bytes of memory (not for WCS-40)	\$ 3,200.00	\$ 32.00
VP-Memory	Upgrade of 16K bytes of memory (WCS-40 only)	\$ 2,800.00	\$ 32.00
System Options			
OP-33	80x24 U/L CRT in lieu of 64x16 CRT for WCS 20 & WCS 30	\$ 400.00	\$ 5.00
OP-60	KB Clicker, Audio Alarm & Auxiliary CRT Connector for WS only	\$ 100.00	\$ 2.00
OP-61	Output Writer (156 Col./15 CPS) with Controller for WS only (not field upgradable)	\$ 3,400.00	\$ 24.00
OP-66	80x24 U/L CRT for WS only	\$ 400.00	\$ 5.00
2230MXA	Master Multiplex Controller — required in main processor if WS added	\$ 800.00	\$ 4.00
2236MXD-2	8 Terminal Controller in lieu of 2236 MXD-1 for WCS 40 (takes 2 I/O slots)	\$ 900.00	\$ 3.50
-	T-Connector — required for 2nd and 3rd WS	\$ 50.00	N/C
-	Second Diskette Drive for WCS 20, 30, 40	\$ 1,500.00	\$ 15.00
-	Third Diskette Drive for WCS 20, 25, 30, 40	\$ 1,500.00	\$ 15.00
-	2221W Wang Line Printer in lieu of 2231W-2 Wang Line Printer for WCS 25, 30	\$ 1,200.00	\$ 23.00
-	2261W Wang Line Printer in lieu of 2231W-2 Wang Line Printer for WCS 25, 30	\$ 3,200.00	\$ 42.00
2236	Interactive Transaction Terminal	\$ 2,400.00	\$ 15.00
2294	WCS Equipment Stand	\$ 250.00	N/C

Note:

Additional peripherals and options may be added to basic systems at standard list prices. See 2200 VP/T/S/WS price list.

Wang Laboratories reserves the right to change specifications without prior notice.



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LABORATORIES, INC.

ONE INDUSTRIAL AVENUE, LOWELL, MASSACHUSETTS 01851, TEL. (617) 851-4111, TWX 710 343-6789, TELEX 94-7421

UNITED STATES (EXCEPT ALASKA), DISTRICT OF COLUMBIA & PUERTO RICO

F.O.B. Tewksbury, Mass. All taxes additional. Prices subject to change without notice.

Model	Description	Unit Price	Monthly Maint. Price
2200-PCS-2	Portable Computing System with 8K bytes, 9 inch CRT (64 x 16 Upper/Lower Case Display) Single Cassette Drive and Keyboard	\$ 5,400.00	\$ 43.00
2200-PCS-4	Same as above with 16K bytes	\$ 7,000.00	\$ 59.00
2200-PCS-6	Same as above with 24K bytes	\$ 8,400.00	\$ 75.00
2200-PCS-8	Same as above with 32K bytes	\$ 9,800.00	\$ 91.00
2200-PCSII-2	Portable Computing System with 8K bytes, 9 inch CRT (64 x 16 Upper/Lower Case Display) Single Diskette Drive, and Keyboard	\$ 6,200.00	\$ 50.00
2200-PCSII-4	Same as above with 16K bytes	\$ 7,800.00	\$ 66.00
2200-PCSII-6	Same as above with 24K bytes	\$ 9,200.00	\$ 82.00
2200-PCSII-8	Same as above with 32K bytes	\$10,600.00	\$ 98.00
Memory Blocks			
—	Upgrade of 8K Bytes of Memory	\$ 2,000.00	\$ 16.00
—	Upgrade of 16K Bytes of Memory	\$ 3,200.00	\$ 32.00
—	Additional Mini Diskette Drive (PCS II only)	\$ 1,000.00	\$ 8.00
Options			
OP-60	Keyboard Clicker, Audio Alarm, and Auxiliary CRT Connector	\$ 100.00	\$ 2.00
OP-60A	80 x 24 U/L CRT, KB Clicker & Audio Alarm Aux. CRT Connector	\$ 400.00	\$ 5.00
OP-61*	Output Writer (156 column/15 CPS) w/controller (not field upgradable)	\$ 3,400.00	\$ 24.00
OP-62*	Asynchronous Telecommunications Option	\$ 1,000.00	\$ 15.00
OP-62B**	Bisynchronous Communications Controller	\$ 2,000.00	\$ 15.00
OP-65*	IEEE-488 Standard Interface	\$ 750.00	\$ 4.00
OP-67*	I/O Interface Controller (8-bit parallel)	\$ 400.00	\$ 2.00

*These options are mutually exclusive.

**This option is mutually exclusive and only for PCS II.

A service charge for installation and testing is required on all orders for upgrades, conversions, and additional peripherals/options. Contact your local Wang representative for details and quotation.

WANG 2200 PORTABLE COMPUTING SYSTEM (HARDWARE)

PRICE LIST

Peripherals			
2221W	200 Characters/sec Printer, 10 Pitch, 132 Characters/Line	\$ 5,000.00	\$ 56.00
2231W-1	120 Characters/sec Printer, 10 Pitch, 112 Characters/Line	\$ 2,900.00	\$ 33.00
2231W-2	120 Characters/sec Printer, 12 Pitch, 132 Characters/Line	\$ 3,800.00	\$ 33.00
2251	110 CPS Printer, 40 Characters/Line	\$ 1,100.00	\$ 11.00
2261W	Wang Line Printer (240 LPM/Dual Pitch)	\$ 7,000.00	\$ 75.00
2263-1	Line Printer (400 LPM)	\$14,500.00	\$125.00
2263-2	Line Printer (600 LPM)	\$16,000.00	\$138.00
2271	Bi-directional Output Writer	\$ 3,000.00	\$ 26.00
2271P	Plotting Output Writer	\$ 3,600.00	\$ 32.00
-	Pin Feed Platen	\$ 180.00	N/A
2272-1	Drum Plotter with Single Pen	\$ 2,900.00	\$ 30.00
2272-2	Drum Plotter with Three Pens	\$ 3,200.00	\$ 33.00
2281	Daisy Output Writer (40 CPS)	\$ 3,600.00	\$ 35.00
-	Pin Feed Forms Tractor	\$ 280.00	N/A
2295	2231W Printer Stand	\$ 250.00	N/A

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PRICE LIST

50 STATES, DISTRICT OF COLUMBIA, & PUERTO RICO

F.O.B. Tewksbury, Mass. All taxes additional. Prices subject to change without notice.

For ALASKA and HAWAII: Add 10% to all equipment and maintenance prices.

Model	Description	Unit Price	Monthly Maint. Price		
CENTRAL PROCESSING UNITS					
2200 VP CPU					
● 2200VP-4*	CPU – 16K Memory and 9 I/O Slots	\$ 9,000.00	\$ 45.00		
● 2200VP-8*	Same as above with 32K	✓ \$11,200.00	\$ 65.00		
● 2200VP-12*	Same as above with 48K	\$13,000.00	\$ 85.00		
● 2200VP-16*	Same as above with 64K	\$14,400.00	\$105.00		
* Requires 2200VP Operating System software licensed from Wang Laboratories for \$2,000 one-time charge or \$50/mo maintenance fee. ✓					
2200 T CPU					
● 2200T-4	CPU – 16K Memory, 6 I/O Slots	\$ 6,400.00	\$ 43.00		
● 2200T-6	Same as above with 24K	\$ 7,700.00	\$ 53.00		
● 2200T-8	Same as above with 32K	\$ 8,600.00	\$ 63.00		
DISK WORK STATION					
● 2200WS-4	12" U/L CRT (64x16), KB, MXB, and 16K Memory CPU	\$ 5,700.00	\$ 33.00		
● 2200WS-6	Same as above with 24K CPU	\$ 7,000.00	\$ 43.00		
● 2200WS-8	Same as above with 32K CPU	\$ 7,900.00	\$ 53.00		
ADDITIONAL MEMORY AND OPTIONS					
Compatible With		Description	Unit Price	Monthly Maint. Price	
VP	T				WS
●	✓	✓	8K Memory Upgrade (Not for VP)	\$ 1,700.00	\$ 10.00
●	✓	✓	16K Memory Upgrade	\$ 3,000.00	\$ 20.00
●	✓		32K Memory Upgrade (VP only)	\$ 4,100.00	\$ 40.00
		✓	Work Station T-Connector (for 2nd & 3rd WS)	\$ 50.00	N/C

● Denotes change from previous price list.

WANG 2200 COMPUTING SYSTEMS (HARDWARE)

Compatible With			Model	Description	Unit Price	Monthly Maint. Price
VP	T	WS				
INPUT/OUTPUT CRT CONSOLES, CONTROLLERS AND OPTIONS						
•	✓	✓	2210A	12" CRT (64 x 16) U/L Keyboard Console with single Mini-diskette with Controller Consists of:	\$ 3,800.00	\$ 22.00
	✓	✓	22D33	12" CRT Keyboard Console with single Mini-diskette	\$ 2,800.00	\$ 17.00
	✓	✓	22C31	Triple Controller for Disk/Diskette, Keyboard, Line Printer	\$ 400.00	\$ 2.00
•	✓	✓	22C34	64 x 16 U/L CRT Controller	\$ 600.00	\$ 3.00
•	✓	✓	2210B	12" (80 x 24) U/L Keyboard Console with Single Mini-diskette with Controller ✓ Consists of:	\$ 4,200.00	\$ 27.00
	✓	✓	22D33	12" CRT Keyboard Console with single Mini-diskette only	\$ 2,800.00	\$ 17.00
	✓	✓	22C31	Triple Controller for Disk/Diskette, Keyboard, Line Printer	\$ 400.00	\$ 2.00
	✓	✓	22C33	80 x 24 U/L CRT Controller	\$ 1,000.00	\$ 8.00
•	✓	✓	2226A	12" CRT (64 x 16) U/L Keyboard Console with Controller Consists of:	\$ 2,200.00	\$ 10.00
	✓	✓	22D31	12" CRT, Keyboard Console Only	\$ 1,200.00	\$ 5.00
	✓	✓	22C31	Triple Controller for Disk/Diskette, Keyboard, Line Printer	\$ 400.00	\$ 2.00
•	✓	✓	22C34	64 x 16 U/L CRT Controller	\$ 600.00	\$ 3.00
✓	✓		2226B	12" 80 x 24 U/L Keyboard Console CRT with Controller Consists of:	\$ 2,600.00	\$ 15.00
	✓	✓	22D31	12" CRT, Keyboard Console Only	\$ 1,200.00	\$ 5.00
	✓	✓	22C31	Triple Controller for Disk/Diskette, Keyboard, Line Printer	\$ 400.00	\$ 2.00
	✓	✓	22C33	80 x 24 U/L Case CRT Controller	\$ 1,000.00	\$ 8.00
CPU & CONSOLE OPTIONS						
•	✓		OP-20A	Extended Chassis – Total of 9 I/O Slots	\$ 900.00	N/C
	✓	✓	OP-31	Audio Signal for 2226, 2210	\$ 200.00	\$ 1.00
	✓	✓	OP-32	Keyboard Clicker	\$ 80.00	N/C
		✓	OP-60	Keyboard Clicker, Audio Alarm & Auxiliary CRT Connector for WS	\$ 100.00	\$ 2.00
		✓	OP-66	80 x 24 Upper/Lower Case CRT Controller for WS	\$ 400.00	\$ 5.00
•	✓	✓		Additional Mini-diskette drive for 2210 only ✓	\$ 1,000.00	\$ 8.00
INPUT/OUTPUT MONITORS AND TERMINALS						
✓	✓		2236	Interactive Terminal Only	\$ 2,400.00	\$ 15.00
✓	✓		2236 MXC-1	4 Port Terminal Multiplexer for 2236	\$ 1,500.00	\$ 8.00
✓			2236 MXC-2	8 Port Terminal Multiplexer for 2236	\$ 2,250.00	\$ 11.50

**MXC-2 takes 2 Slots.

• Denotes change from previous price list.

Compatible With			Model	Description	Unit Price	Monthly Maint. Price
VP	T	WS				
OUTPUT PERIPHERALS						
•√	√		2201L***	Output Writer (156 Col./15 CPS) Only	\$ 3,400.00	\$ 26.00
√	√		22C02	Printer/Drum Plotter Controller	\$ 200.00	\$ 2.00
√	√		2202	Plotting Output Writer with Controller	\$ 4,000.00	\$ 40.00
√	√		22D02	Plotting Output Writer Only	\$ 3,800.00	\$ 38.00
√	√		22C01	Output Writer/Plotter Controller	\$ 200.00	\$ 2.00
•√	√	√	2221W***	Wang Line Printer (132 Col./200 CPS) Only	\$ 5,000.00	\$ 48.00
√	√		22C02	Printer/Drum Plotter Controller	\$ 200.00	\$ 2.00
•√	√	√	2231W-1***	Wang Line Printer (112 Col./120 CPS) Only	\$ 2,900.00	\$ 28.00
√	√		22C02	Printer/Drum Plotter Controller	\$ 200.00	\$ 2.00
•√	√	√	2231W-2***	Wang Line Printer (132 Col./120 CPS) Only	\$ 3,800.00	\$ 28.00
√	√		22C02	Printer/Drum Plotter Controller	\$ 200.00	\$ 2.00
√	√	√	2221M	Wang Line Printer Multiplexer	\$ 300.00	\$ 5.00
√	√		2232B	Digital Flatbed Plotter (31" x 48")	\$ 8,000.00	\$ 50.00
				with Controller		
				Consists of:		
√	√	√	22D32	Digital Flatbed Plotter Only	\$ 7,800.00	\$ 48.00
√	√		22C01	Output Writer/Plotter Controller	\$ 200.00	\$ 2.00
•√	√	√	2251***	Line Printer (40 Col./110 CPS) Only	\$ 1,200.00	\$ 11.00
√	√		22C02	Drum Plotter/Printer Controller	\$ 200.00	\$ 2.00
•√	√	√	2261W***	Wang Line Printer (240 LPM) Only	\$ 7,000.00	\$ 60.00
√	√		22C02	Printer/Drum Plotter Controller	\$ 200.00	\$ 2.00
√	√		2263-1***	Line Printer (400 LPM) Only	\$14,500.00	\$125.00
√	√		22C02	Printer/Drum Plotter Controller	\$ 200.00	\$ 2.00
√	√		2263-2***	Line Printer (600 LPM) Only	\$16,000.00	\$138.00
√	√		22C02	Printer/Drum Plotter Controller	\$ 200.00	\$ 2.00
•√	√	√	2271***	Bi-directional Output Writer Only	\$ 3,200.00	\$ 26.00
√	√		22C02	Printer/Drum Plotter Controller	\$ 200.00	\$ 2.00
•√	√	√	2271P***	Plotting Output Writer Only	\$ 3,600.00	\$ 32.00
√	√		22C02	Printer/Plotter Controller	\$ 200.00	\$ 2.00
			—	Pin Feed Platen	\$ 180.00	—
•√	√	√	2272-2***	Wang Triple Pen Drum Plotter Only	\$ 3,200.00	\$ 28.00
√	√		22C02	Printer/Drum Plotter Controller	\$ 200.00	\$ 2.00
•√	√	√	2281***	Daisy Output Writer (40 CPS) Only	\$ 3,900.00	\$ 35.00
√	√		22C02	Printer/Drum Plotter Controller	\$ 200.00	\$ 2.00
•			—	Pin Feed Forms Tractor	\$ 280.00	—

• Denotes change from previous price list.

***May also be connected to triple controller if slot available.

Compatible With			Model	Description	Unit Price	Monthly Maint. Price
VP	T	WS				
MASS STORAGE PERIPHERALS						
●✓	✓		2209	800 BPI 9-Track Tape Drive With Controller	\$10,400.00	\$ 90.00
●✓	✓		22D09	Consists of: 800 BPI 9-Track Tape Drive Only	\$10,000.00	\$ 88.00
✓	✓		2250	8-Bit Parallel I/O Interface Controller	\$ 400.00	\$ 2.00
✓	✓		2230 MXA	Master Daisy Chain Disk Multiplexer Controller	\$ 800.00	\$ 4.00
✓	✓		2230 MXB	Slave Daisy Chain Disk Multiplexer Controller	\$ 500.00	\$ 2.50
●✓	✓		2260B¼***	2.5MB F/R Disk Drive With Controller	\$ 9,000.00	\$100.00
●✓	✓		22D80	Consists of: 2.5MB F/R Disk Drive Only	\$ 8,800.00	\$ 98.00
✓	✓		22C03	Disk/Diskette Controller	\$ 200.00	\$ 2.00
●✓	✓		2260B½***	5.0MB F/R Disk Drive With Controller	\$11,000.00	\$100.00
●✓	✓		22D81	Consists of: 5.0MB F/R Disk Drive Only	\$10,800.00	\$ 98.00
✓	✓		22C03	Disk/Diskette Controller	\$ 200.00	\$ 2.00
●✓	✓		2260B***	10.0MB F/R Disk Drive With Controller	\$13,000.00	\$100.00
●✓	✓		22D82	Consists of: 10.0MB F/R Disk Drive Only	\$12,800.00	\$ 98.00
✓	✓		22C03	Disk/Diskette Controller	\$ 200.00	\$ 2.00
●✓	✓		2260B-2***	Dual 10.0MB F/R Disk Drives with Controller	\$23,000.00	\$160.00
●✓	✓		22D83	Consists of: Dual 10.0MB F/R Disk Drives Only	\$22,800.00	\$158.00
✓	✓		22C03	Disk/Diskette Controller	\$ 200.00	\$ 2.00
✓	✓		2270-1***	.25MB Single Removable Diskette Drive Only	\$ 3,200.00	\$ 30.00
✓	✓		22C03	Disk/Diskette Controller	\$ 200.00	\$ 2.00
✓	✓		2270-2***	.50MB Dual Removable Diskette Drive Only	\$ 4,700.00	\$ 45.00
✓	✓		22C03	Disk/Diskette Controller	\$ 200.00	\$ 2.00
✓	✓		2270-3***	.75MB Triple Removable Diskette Drive Only	\$ 6,200.00	\$ 60.00
✓	✓		22C03	Disk/Diskette Controller	\$ 200.00	\$ 2.00
✓	✓		2270A-1***	.25MB IBM 3740 Compatible Single Removable Diskette Drive Only	\$ 3,600.00	\$ 30.00
✓	✓		22C03	Disk/Diskette Controller	\$ 200.00	\$ 2.00
✓	✓		2270A-2***	.50MB IBM 3740 Compatible Dual Removable Diskette Drive Only	\$ 5,100.00	\$ 45.00
✓	✓		22C03	Disk/Diskette Controller	\$ 200.00	\$ 2.00
✓	✓		2270A-3***	.75MB IBM 3740 Compatible Triple Removable Diskette Drive Only	\$ 6,600.00	\$ 60.00
✓	✓		22C03	Disk/Diskette Controller	\$ 200.00	\$ 2.00

***May also be connected to triple controller if slot available.

● Denotes change from previous price list.

PRICE LIST

Compatible With			Model	Description	Unit Price	Monthly Maint. Price
VP	T	WS				
INPUT PERIPHERALS						
✓	✓		2244A	Hopper Feed Marked Sense/Punched Card Reader With Controller	\$ 4,800.00	\$ 48.00
				Consists of:		
✓	✓		22D44	Hopper Feed Marked Sense/Punched Card Reader Only	\$ 3,800.00	\$ 38.00
✓	✓		22C06	Hopper Feed Card Reader Controller	\$ 1,000.00	\$ 10.00
INTERFACE CONTROLLERS & ACCESSORIES						
✓	✓		2207A	I/O Interface Controller (RS-232-C)	\$ 600.00	\$ 3.00
✓	✓		2227B	Buffered Asynchronous Telecommunications Controller	\$ 1,000.00	\$ 15.00
✓	✓		2227N	Null Modem	\$ 50.00	N/C
✓	✓		2228B	Bisynchronous Communications Controller	\$ 2,000.00	\$ 15.00
✓	✓		2228N	Null Modem	\$ 50.00	N/C
✓	✓		2250	I/O Interface Controller (8-bit Parallel)	\$ 400.00	\$ 2.00
✓	✓		2252A	Scanning Input Interface Controller (BCD 1-10 Digit Parallel)	\$ 600.00	\$ 3.00
✓	✓		2254	IEEE-488 Interface Controller	\$ 750.00	\$ 4.00
STANDS						
			2290	CPU/Peripherals Stand	\$ 250.00	N/C
			2291	2232B Digital Flatbed Plotter Stand	\$ 350.00	N/C
			2294	WCS Equipment Stand	\$ 250.00	N/C
			2295	2231W Line Printer Stand	\$ 250.00	N/C
			FS-2	WCS 20/30 Desk (Right Work Space)	\$ 500.00	N/C
			FS-2L	WCS 20/30 Desk (Left Work Space)	\$ 500.00	N/C
			DE-1	Fixed/Removable Disk Enclosure	\$ 250.00	N/C

• Denotes change from previous price list.

224800 MAINT 135
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PRICE LIST

50 STATES, DISTRICT OF COLUMBIA, & PUERTO RICO

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For ALASKA and HAWAII: Add 10% to all equipment and maintenance prices.

MANUFACTURING MANAGEMENT SYSTEM

Model	Description	Unit Price	Monthly Maintenance	
			Hardware	Software
System A Option 1 Inventory Control and Bill of Materials 3000 parts or less, 10 levels or less	WCS-20-4 (16K), Second Diskette Drive, 2231W-1 Line Printer and Software License (P/N 195-2046-3)	\$19,600.00	\$126.00	\$45.00
System A Option 2 Inventory Control, Bill of Materials and Accounting System, 3000 parts or less, 10 levels or less	WCS-20-4 (16K), Second Diskette Drive, 2231W-1 Line Printer and Software License (P/N 195-2046-3)	\$22,600.00	\$126.00	\$75.00
System B Option 1 Inventory Control and Bill of Materials, more than 3000 parts, more than 10 levels	WCS-30B-4 (16K, 5M) and Software License (P/N 195-2047-4)	\$30,100.00	\$211.00	\$45.00
System C Option 1 Inventory Control and Bill of Materials, more than 3000 parts, more than 10 levels	WCS-30C-4 (16K, 10M) and Software License (P/N 195-2048-4)	\$32,100.00	\$211.00	\$45.00
System C Option 2 Inventory Control, Bill of Materials and Accounting System, more than 3000 parts, more than 10 levels	WCS-30C-4 (16K, 10M) and Software License (P/N 195-2049-4)	\$36,600.00	\$211.00	\$90.00

MORTGAGE MANAGEMENT SYSTEM

Model	Description	Unit Price	Monthly Maintenance	
			Hardware	Software
System A Dual Diskette 73 Customers per Diskette	WCS-20-4, Second Diskette Drive, 2281 Daisy Output Writer and Software License (P/N 195-2026-3)	\$21,600.00	\$133.00	\$45.00
System B Triple Diskette 146 Customers per Diskette	WCS-20-4, Second and Third Diskette Drives, 2281 Daisy Output Writer and Software License (P/N 195-2026-3)	\$23,100.00	\$148.00	\$45.00
System C 2.5 MB Disk	WCS-20-4, 2260B1/4 2.5 MB Disk Drive, 2281 Daisy Output Writer and Software License (P/N 195-2026-4)	\$29,100.00	\$218.00	\$45.00
System D 5.0 MB Disk	WCS-20-4, 2260B1/2 5.0 MB Disk Drive, 2281 Daisy Output Writer and Software License (P/N 195-2026-4)	\$31,100.00	\$218.00	\$45.00
System E 10.0 MB Disk	WCS-20-4, 2260B 10.0 MB Disk Drive, 2281 Daisy Output Writer and Software License (P/N 195-2026-4)	\$33,100.00	\$218.00	\$45.00
Feature 1 (Net price increase)	Optional Output Writer: 2202 Plotting Output Writer	\$ 100.00	\$ 5.00	N/A
Feature 2	Additional Printer (including controller)			
	2221W (includes stand)	\$ 5,200.00	\$ 50.00	N/A
	2231W-1	\$ 3,100.00	\$ 30.00	N/A
	2231W-2	\$ 4,000.00	\$ 30.00	N/A
	Stand for 2231W Printers	\$ 250.00	N/A	N/A

NOTE: We recommend that the first-year maintenance be added to the purchase price.

APPLICATION SOFTWARE

\$PARK

Model	Description	Unit Price	Monthly Maintenance	
			Hardware	Software
System A Inventory Control only, 15,000 parts or less	2200 VP-8 CPU (32K), 2226A CRT/KB, 2260B1/2 5.0 MB Disk Drive, 2270-1 Diskette Drive, 2231W-1 Line Printer, 2295 Printer Stand, FS-2 Desk, DE-1 Disk Enclosure, 4 200TPI Disk Cartridges, 2200 VP Operating System Software License (P/N 195-0033-3) and Software License (P/N 195-2016-4)	\$34,980.00	\$233.00	\$90.00*
System B Inventory Control only, more than 15,000 parts	Same as above, except substitute a 2260B 10.0 MB Disk Drive for the 2260B1/2 Disk Drive	\$36,980.00	\$233.00	N/C
System C Inventory Control and Accounts Receivable	Same as System B (above) with the addition of Software License (P/N 195-2027-4)	Add: \$ 2,000.00	N/A	\$30.00
Work Stations	MXA Disk Multiplexer	\$ 800.00	\$ 4.00	N/C
	2200-WS-6 Disk Work Station (24K) (Maximum of 3)	\$ 7,000.00	\$ 43.00	
	T-connector required in second and subsequent work stations	\$ 50.00	N/A	N/C
	50' cable (P/N 120-2225-50)	\$ 85.00	N/A	N/A
	100' cable (P/N 120-2225-1) 200' cable (P/N 120-2225-2)	\$ 150.00 \$ 250.00	N/A N/A	
Printer Options (net price increase)	2231W-2 Line Printer	\$ 900.00	N/A	N/A
	2221W (includes stand) Line Printer	\$ 1,850.00	\$ 20.00	N/A

*Includes VP Operating System Software License

Wang/CASH

Model	Description	Unit Price	Monthly Maintenance	
			Hardware	Software
Wang/CASH Client Write-up Chart of Accounts Journal Audit List General Ledger Financial Statements Working Trial Balance Payroll Compensation Report Prep. of 941A and W-2 form	WCS-20-4 (16K), Second Diskette Drive, 2231-W-2 Line Printer and Software License (P/N 195-2014-2/3)	\$20,300.00	\$126.00	\$30.00
Feature 1 Comparative Analysis	Software License (P/N 195-2019-3)	\$ 500.00	N/A	N/C
Feature 2 Change in Financial Position	Software License (P/N 195-2020-3)	\$ 500.00	N/A	N/C
Feature 3 Cash Flow Analysis	Software License (P/N 195-2021-3)	\$ 500.00	N/A	N/C
Feature 4 Amortization	Software License (P/N 195-2022-3)	\$ 250.00	N/A	N/C
Feature 5 Consolidated Balance Sheet	Software License (P/N 195-2023-3)	\$ 250.00	N/A	N/C
Feature 6 13 Month Accumulated General Ledger	Software License (P/N 195-2024-3)	\$ 500.00	N/A	N/C

NOTE: We recommend that the first-year maintenance be added to the purchase price.

AUTO/MATE III

Model	Description	Unit Price	Monthly Maintenance	
			Hardware	Software
System A Up to 250 customers	2200T-4 CPU (16K), 2226A CRT/KB 2260B1/2 5.0 MB Disk Drive, 2270-1 Diskette Drive, 2221W Line Printer, DE-1 Disk Enclosure, FS-2 Desk and Software License (P/N 195-2018-4)	\$40,650.00	\$231.00	\$80.00
System B Over 250 customers	Same as System A (above) except substitute a 2260B 10.0 MB Disk Drive for the 2260B1/2 Disk Drive	\$42,550.00	\$231.00	\$80.00
Parts Inventory	Software only. Requires minimum of System B. Software License (P/N 195-2040-4) Add:	\$ 5,000.00	N/A	\$30.00

EASYFORM

Model	Description	Unit Price	Monthly Maintenance	
			Hardware	Software
EASYFORM	Software only. Runs on any 2200T- based configuration with 16K internal memory and dual diskette. Software License (P/N 195-2037-3)	\$200.00	N/A	N/C

LIFELINE

Model	Description	Unit Price	Monthly Maintenance	
			Hardware	Software
LIFELINE 3 Program Diskettes 140 Policy-Ages/Diskette (Cash Value)* 360 Policy-Ages/Diskette (Term)* 1000 Clients/Diskette* 8000 Variables/Diskette* 59 Letters/Diskette*	WCS-20-4 (16K), Second Diskette Drive, OP-33 80X24 Upper/Lower Case CRT, 2281 Daisy Output Writer, Forms Tractor (P/N 725-0054T1), OP-31 Alarm, and Software License (P/N 195-2017-3)	\$24,480.00	\$139.00	\$40.00

*Multiple Diskettes allowed.

PBS (Patient Billing System)

Model	Description	Unit Price	Monthly Maintenance	
			Hardware	Software
PBS II Software: Create Form List Form Edit Form Data Entry List Data File	WCS-20-4 (16K), Second Diskette Drive, OP-33 80X24 Upper/Lower Case CRT, 2231W-1 Line Printer and Software License (P/N 195-1027-3)	\$18,300.00	\$131.00	\$25.00

NOTE: We recommend that the first-year maintenance be added to the purchase price.

PRICE LIST

MANAGEMENT PLANNING SYSTEM

Model	Description	Unit Price	Monthly Maintenance	
			Hardware	Software
MPS	Software only. Runs on any 2200T-based disk or diskette configuration with at least 16K memory and print device. (Specify disk* or diskette). Software License (P/N 195-1024)	\$500.00	N/A	N/C

*Disk version shipped on diskette.

TIME/CHECK (TIME AND RECORD-KEEPING SYSTEM)

Model	Description	Unit Price	Monthly Maintenance	
			Hardware	Software
Time/Check Time and Record- Keeping System	WCS-20-4 (16K), Second Diskette Drive, 2231-W-2 Line Printer and Software License (P/N 195-2034-3)	\$18,800.00	\$126.00	\$20.00
Feature 1 Letter-Writing/ Editing System	Software License (P/N 195-2035-3)	\$ 600.00	N/A	N/C
Feature 2 Client Data Base	Software License (P/N 195-2036-3)	\$ 400.00	N/A	N/C

NOTE: We recommend that the first-year maintenance be added to the purchase price.

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For ALASKA and HAWAII: Add 10% to all equipment and maintenance prices.

TIME/CHECK II (PCS II)

Model	Description	Unit Price	Monthly Maintenance	
			Hardware	Software
TIME/CHECK II Time and Record-keeping System	PCS II (16K), Second Mini Diskette Drive, 2231-W-2 Line Printer and Software License (P/N 195-2034-8)	\$14,100.00	\$96.00	\$20.00
Feature 1 Letter-Writing/ Editing System	Software License (P/N 195-2035-8)	\$ 600.00	N/A	N/C
Feature 2 Client Data Base	Software License (P/N 195-2036-8)	\$ 400.00	N/A	N/C

MANAGEMENT PLANNING SYSTEM

Model	Description	Unit Price	Monthly Maintenance	
			Hardware	Software
Mini MPS	Software only. Runs on any PCS II with at least 16 K memory and print device	\$500.00	N/A	N/C

PBS (PATIENT BILLING SYSTEM)

Model	Description	Unit Price	Monthly Maintenance	
			Hardware	Software
PBS I Software: Create Form List Form Edit Form Date Entry List Data File	PCS II-4 (16K) second Mini Diskette Drive, OP-60A Upper/Lower Case CRT, 2231W-1 Line Printer and Software License (P/N 195-1027-8)	\$13,400.00	\$101.00	\$25.00

NOTE: We recommend that the first-year maintenance be added to the purchase price.

PCS-II APPLICATION SOFTWARE

PRICE LIST

Mini/LIFELINE

Model	Description	Unit Price	Monthly Maintenance	
			Hardware	Software
Mini LIFELINE 6 Program Diskettes 45 Policy-Ages Diskette (Cash Value)* 160 Policy-Ages/ Diskette (Term)* 340 Clients/Diskette* 2500 Variables/Diskette* 20 Letters/Diskette*	PCS-II (8K), Second Mini Diskette Drive, OP 60A 80X24 Upper/Lower Case CRT, 2281 Daisy Output Writer, Forms Tractor (P/N 725-0054T1) and Software License (P/N 195-2017-8)	\$17,780.00	\$98.00	\$40.00

*Multiple diskettes allowed.

MORTGAGE MANAGEMENT SYSTEM

Model	Description	Unit Price	Monthly Maintenance	
			Hardware	Software
Dual Mini Diskette 22 Customers per Mini Diskette	PCS II-4 (16K), Second Mini Diskette Drive, 2281 Daisy Output Writer and Software License (P/N 195-2226-8)	\$16,700.00	\$103.00	\$45.00
Feature 1	Additional Printer 2221W Line Printer (includes stand)	\$ 5,000.00	\$ 48.00	N/A
	2231W-1 Line Printer	\$ 2,900.00	\$ 28.00	N/A
	2231W-2 Line Printer	\$ 3,800.00	\$ 28.00	N/A
	Stand for 2231W Printer	\$ 250.00	N/A	N/A

Mini/EASYFORM

Model	Description	Unit Price	Monthly Maintenance	
			Hardware	Software
Mini EASYFORM	Software only. Runs on any PCS II with a second Mini Diskette Drive. Software License (P/N 195-2037-8)	\$200.00	N/A	N/C

Wang/Mini-CASH (PCS II)

Model	Description	Unit Price	Monthly Maintenance	
			Hardware	Software
Wang/Mini-CASH Client Write-up Chart of Accounts Journal Audit List General Ledger Financial Statements Working Trial Balance Payroll Compensation Report Prep. of 941A and W-2 form	PCS II (16K), Second Mini Diskette Drive, 2231-W-2 Line Printer and Software License (P/N 195-2014-8)	\$15,600.00	\$96.00	\$30.00

NOTE: We recommend that the first-year software maintenance be added to the purchase price.

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For ALASKA and HAWAII: Add 10% to all equipment and maintenance prices.

Model	Description	Unit Price	Monthly Maint. Price
2200-PCSII-2	Personal Computing System with 8K bytes, 9 inch CRT (64x16 Upper/Lower Case Display) Single Diskette Drive, and Keyboard	\$ 6,200.00	\$ 50.00
● 2200-PCSII-4	Same as above with 16K bytes	\$ 7,800.00	\$ 60.00
● 2200-PCSII-6	Same as above with 24K bytes	\$ 9,100.00	\$ 70.00
● 2200-PCSII-8	Same as above with 32K bytes	\$10,000.00	\$ 80.00
Memory Blocks			
● -	Upgrade of 8K Bytes of Memory	\$ 1,700.00	\$ 10.00
● -	Upgrade of 16K Bytes of Memory	\$ 3,000.00	\$ 20.00
-	Additional Mini Diskette Drive	\$ 1,000.00	\$ 8.00
Options			
OP-60	Keyboard Clicker, Audio Alarm, and Auxiliary CRT Connector	\$ 100.00	\$ 2.00
OP-60A	80x24 U/L CRT, KB Clicker & Audio Alarm Aux. CRT Connector (not for WCS-15)	\$ 400.00	\$ 5.00
OP-62*	Asynchronous Telecommunications Option	\$ 1,000.00	\$ 15.00
OP-62B*	Bisynchronous Communications Controller	\$ 2,000.00	\$ 15.00
OP-65*	IEEE-488 Standard Interface	\$ 750.00	\$ 4.00
OP-67*	I/O Interface Controller (8-bit parallel)	\$ 400.00	\$ 2.00
Peripherals			
● 2201L	Output Writer (156 Col./15 CPS)	\$ 3,400.00	\$ 26.00
● 2221W	200 Characters/sec Printer, 10 Pitch, 132 Characters/Line	\$ 5,000.00	\$ 48.00
● 2231W-1	120 Characters/sec Printer, 10 Pitch, 112 Characters/Line	\$ 2,900.00	\$ 28.00
● 2231W-2	120 Characters/sec Printer, 12 Pitch, 132 Characters/Line	\$ 3,800.00	\$ 28.00
● 2251	110 CPS Printer, 40 Characters/Line	\$ 1,200.00	\$ 11.00
● 2261W	Wang Line Printer (240 LPM/Dual Pitch)	\$ 7,000.00	\$ 60.00
2263-1	Line Printer (400 LPM)	\$14,500.00	\$125.00
2263-2	Line Printer (600 LPM)	\$16,000.00	\$138.00
● 2271	Bi-directional Output Writer	\$ 3,200.00	\$ 26.00
● 2271P	Plotting Output Writer	\$ 3,600.00	\$ 32.00
-	Pin Feed Platen	\$ 180.00	N/A
● 2272-2	Drum Plotter with Three Pens	\$ 3,200.00	\$ 28.00
● 2281	Daisy Output Writer (40 CPS)	\$ 3,900.00	\$ 35.00
-	Pin Feed Forms Tractor	\$ 280.00	N/A
2295	2231W Printer Stand	\$ 250.00	N/A

● Denotes change from previous price list.

* These options are mutually exclusive.

A service charge for installation and testing is required on all orders for upgrades, conversions, and additional peripherals/options. Contact your local Wang representative for details and quotation.

WANG 2200 PERSONAL COMPUTING SYSTEM (HARDWARE)



LABORATORIES, INC.

ONE INDUSTRIAL AVENUE, LOWELL, MASSACHUSETTS 01851, TEL. (817) 861-4111, TWX 710 343-6789, TELEX 94-7421

PRICE LIST

50 STATES, DISTRICT OF COLUMBIA, & PUERTO RICO

F.O.B. Tewksbury, Mass. All taxes additional. Prices and equipment availability subject to change without notice.

For ALASKA and HAWAII: Add 10% to all equipment and maintenance prices.

Model	Description	Unit Price	Monthly Maint. Price
WCS-15			
● WCS-15-4 [†]	CPU with 16K, 12" CRT (64x16 U/L Case), KB, Single Diskette Drive, FS-2 Desk	\$10,200.00	\$ 63.00
● WCS-15-6	Same as above with 24K	\$11,500.00	\$ 73.00
● WCS-15-8	Same as above with 32K	\$12,400.00	\$ 83.00
WCS-20			
● WCS-20-4	2200T CPU with 16K, 6 I/O Slots, 2226A, 2270-1, FS-2 Desk	\$12,200.00	\$ 83.00
● WCS-20-6	Same as above with 24K CPU	\$13,500.00	\$ 93.00
● WCS-20-8	Same as above with 32K CPU	\$14,400.00	\$103.00
WCS-25			
● WCS-25-6	2200T CPU with 24K, 6 I/O Slots, 2236 MXC-1, three 2236's, 2270-2, 2231W-2, 22C31 triple controller, 2295 printer stand and FS-2 desk	\$26,050.00	\$181.00
● WCS-25-8	Same as above with 32K CPU	\$26,950.00	\$191.00
<i>Note: Addition of a fourth 2236 requires 32K CPU</i>			
WCS-30			
● WCS-30A-4	2200T CPU with 16K, 6 I/O slots, 2226A, 2270-1, 2260B $\frac{1}{4}$, 2231W-2, 2295 printer stand, FS-2 desk, DE-1 disk enclosure	\$25,100.00	\$211.00
● WCS-30A-6	Same as above with 24K CPU	\$26,400.00	\$221.00
● WCS-30A-8	Same as above with 32K CPU	\$27,300.00	\$231.00
● WCS-30B-4	2200T CPU with 16K, 6 I/O slots, 2226, 2270-1, 2260B $\frac{1}{2}$, 2231W-2, 2295, FS-2 desk, DE-1 disk enclosure	\$27,100.00	\$211.00
● WCS-30B-6	Same as above with 24K CPU	\$28,400.00	\$221.00
● WCS-30B-8	Same as above with 32K CPU	\$29,300.00	\$231.00
● WCS-30C-4	2200T CPU with 16K, 6 I/O slots, 2226, 2270-1, 2260B, 2231W-2, 2295, FS-2 desk, DE-1 disk enclosure	\$29,100.00	\$211.00
● WCS-30C-6	Same as above with 24K CPU	\$30,400.00	\$221.00
● WCS-30C-8	Same as above with 32K CPU	\$31,300.00	\$231.00
WCS-40			
● WCS-40-8	2200 MVP CPU with 32K, 9 I/O slots, 2236 MXD-1, three 2236's, 2270-1, 2260B, 2261W, 22C31 triple controller, FS-2 desk, DE-1 disk enclosure	\$48,950.00	\$390.75
● WCS-40-12	Same as above with 48K CPU	\$51,350.00	\$422.75
● WCS-40-16	Same as above with 64K CPU	\$53,750.00	\$454.75

● Denotes change from previous price list.

[†] WCS-15 has two peripheral outlets. One is standard printer/plotter outlet.

The second is an optional communications controller or on-line interface outlet.

WANG COMPUTER SYSTEMS AND WORK STATIONS

PRICE LIST

Work Stations [■]			
● 2200WS-4	12" U/L CRT (64x16), KB, MXB and 16K Memory CPU	\$ 5,700.00	\$ 33.00
● 2200WS-6	Same as above with 24K CPU	\$ 7,000.00	\$ 43.00
● 2200WS-8	Same as above with 32K CPU	\$ 7,900.00	\$ 53.00
Memory			
● —	Upgrade of 8K bytes of memory (not for WCS-40)	\$ 1,700.00	\$ 10.00
● —	Upgrade of 16K bytes of memory	\$ 3,000.00	\$ 20.00
● VP Memory	Upgrade of 32K bytes of memory (WCS-40)	\$ 4,100.00	\$ 40.00
System Options			
OP-33	80x24 U/L CRT in lieu of 64x16 CRT for WCS 20 & WCS 30	\$ 400.00	\$ 5.00
OP-60	KB Clicker, Audio Alarm & Auxiliary CRT Connector for WS, WCS-15 only	\$ 100.00	\$ 2.00
● OP-62*	Buffered Asynchronous Telecommunications Controller for WCS-15 only	\$ 1,000.00	\$ 15.00
● OP-62B*	Bisynchronous Telecommunications Controller for WCS-15 only	\$ 2,000.00	\$ 15.00
OP-66	80x24 U/L CRT for WS & WCS-15 only	\$ 400.00	\$ 5.00
2230MXA	Master Multiplex Controller — required in main processor if WS added	\$ 800.00	\$ 4.00
2236MXD-2	8 Terminal Controller in lieu of 2236 MXD-1 for WCS-40 (takes 2 I/O slots)	\$ 900.00	\$ 3.50
—	T-Connector — required for 2nd and 3rd WS	\$ 50.00	N/C
—	Second Diskette Drive for WCS 15, 20, 30, 40	\$ 1,500.00	\$ 15.00
—	Third Diskette Drive for WCS 20, 25, 30, 40	\$ 1,500.00	\$ 15.00
● —	2200VP CPU in lieu of 2200T CPU for WCS 20-4, 8, WCS 25-8, WCS 30A, B, C-4, 8 Requires 2200VP Operating System software licensed from Wang Laboratories for \$2,000 one-time charge or \$50/mo. maintenance fee	\$ 2,600.00	\$ 2.00
● —	IBM 3740 Series Compatible Diskette Option for WCS 15, 20, 25, 30, 40 in lieu of standard WCS Diskette	\$ 400.00	N/C
● —	2221W Wang Line Printer in lieu of 2231W-2 Wang Line Printer for WCS 25, 30	\$ 1,200.00	\$ 20.00
● —	2261W Wang Line Printer in lieu of 2231W-2 Wang Line Printer for WCS 25, 30	\$ 3,200.00	\$ 32.00
2236	Interactive Terminal (not for WCS-15)	\$ 2,400.00	\$ 15.00
2294	WCS Equipment Stand	\$ 250.00	N/C

Note:

Additional peripherals and options may be added to basic systems at standard list prices. See 2200 VP/T/WS price list for WCS 20, 25, 30, 40. See PCS price list for WCS 15.

● Denotes change from previous price list.

* These options are mutually exclusive.

■ Not for WCS-15.

Wang Laboratories reserves the right to change specifications without prior notice.



LABORATORIES, INC.

ONE INDUSTRIAL AVENUE, LOWELL, MASSACHUSETTS 01851. TEL. (617) 851-4111. TWX 710 343-6769. TELEX 94-7421

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**General Services Administration
Federal Supply Service**

**Authorized
Federal Supply Schedule
Price List**

FSC Group 74 Part I – Office Machines, Word Processing

FSC CLASS 7430

SPECIAL ITEM NUMBER 47-35
47-40
47-41
47-80

CONTRACT NUMBER: GS-OOS-66102

CONTRACT PERIOD: OCTOBER 1, 1977 THROUGH SEPTEMBER 30, 1978

Wang Laboratories, Inc. is classified as a Large Business, Minority Enterprise.

GSA Prices shown herein are Net (Discount deducted)

WANG

LABORATORIES, INC.

ONE INDUSTRIAL AVENUE, LOWELL, MASSACHUSETTS 01851, TEL. (617) 851-4111, TWX 710 343-6789, TELEX 94-7421

TERMS and CONDITIONS - ORDERING INFORMATION

1. **Special Item Numbers**

47-35 — Purchase of Word Processing and Forms Processing Machines	Page 4, 8
47-40 — Purchase of Attachments and Features.	Page 5, 9
47-41 — Purchase of Supplies	Page 5
47-80 — Rental of Word Processing Machines, Attachments and Features.	Page 6

2. **Maximum Order Limitations**

Item 47-35	\$150,000
Item 47-40	\$ 25,000
Item 47-41	\$ 10,000
Item 47-80	15 units or a total purchase price value of \$200,000

3. **Minimum Order**

\$50.00 on Item 47-41 only.

4. **Geographic Coverage**

Within 50 miles of any Wang Service Center.
Hawaii Prices: Item 47-35 — "List"
Item 47-80 — "List" + 5%

5. **Point of Production**

Tewksbury, Middlesex, Massachusetts

6. **Discount from List Price**

Item 47-35	6% up to \$75,000.00, 8% \$75,000.01 to \$150,000.00
Item 47-40	6%
Item 47-41	6%
Item 47-80	12% (except 1220 and 1222 renewals which is 3.5%)

7. **Quantity Discounts from Commercial List Prices for 1220 and 1222 renewals only.**

Item 47-80	1-2 units	3.5% (as indicated above)
	3-8 units	4.0%
	9 and over	5.0%

8. **Prompt Payment Terms**

1/2% 20 days, net 30 days

9. **No items of foreign manufacture**

10. **Time of Delivery**

30 to 180 days ARO

11. **FOB Point**

Destination

12. **Ordering Address**

Wang Laboratories, Inc.
One Industrial Avenue
Lowell, Massachusetts 01851

Telephone 617-851-4111
TWX 710-343-6769
Telex 94-7421

13. **Payment Address**

Wang Laboratories, Inc.
One Industrial Avenue
Lowell, Massachusetts 01851

TERMS and CONDITIONS - ORDERING INFORMATION (CONT.)

14. **GUARANTEE:** All necessary adjustments of machines procured hereunder not occasioned by accident or misuse through fault or negligence by the Government, shall be made by the contractor at his own expense, including transportation costs, if any, for a period of 90 days from date of installation. All machines procured hereunder are guaranteed for a period of 1 year from date of installation. During the guarantee period all broken or defective parts not caused by accident or misuse through fault or negligence by the Government must be replaced (including labor, transportation and parts) and all necessary machine adjustments occasioned by such defective parts must be made at the contractor's expense, including transportation costs, if any. Service requiring adjustments beyond the initial 90-day warranty period shall be charged at standard commercial repair rates.
15. **Export Packing Charge**
\$7.50 per cubic foot, consisting of wooden boxes, waterproofed, with suitable foam internal support.
16. **Terms and Conditions of Rental**
 1. Rentals are for a 6-month minimum term and thereafter cancellable on a 30-day written notice. 64% of first year's and 32% of the second year's rental charges can be credited toward purchase price. (Maintenance costs for parts and labor are included in rental prices.) Credit allowances apply on a unit basis only. The warranty on rental machines that are subsequently purchased will be the period remaining on a 12-month warranty from the date of initial rental but with a minimum warranty of 3 months.
 2. Rental rates apply to equipment located within a 50-mile radius of a Wang Service Center.
 3. The Total Monthly Charge includes the use of the equipment by only one shift of equipment-operating personnel. When equipment is used by more than one shift of operating personnel, an extra rental charge for each hour of use by any such extra shift shall be made at the rate of 1/176th of 50% of the Total Monthly Rental.
 4. Models 1220 and 1222 Automatic Typewriters on rental may be converted to purchase on an open market basis.
17. **Terms and Conditions of Installations**

Systems delivered within a Wang Laboratories, Inc. Service Area will be installed by a company representative. Installation will consist of inspecting each component to assure its correct operation by running hardware diagnostic checks, and reasonable operator and programming instructions for the user.

Operating instructions are shipped with each Word Processing machine free of charge. Quotations for individual or special group instructions can be obtained by contacting Wang Laboratories, Inc. on an open market basis.
18. **Location of Wang Service Center**
See listing on page 11.
19. **Wang Laboratories, Inc. products are not marketed through Dealer Organizations.**
20. **Preventive Maintenance**
Preventive maintenance is available on an open market basis.
21. **Training**
Operational training will be available at no charge for a period equivalent to 2 full days at a Wang Training Center. The training will be available for 2 operators for each CRT station on the system. Additional personnel may be trained at open market prices.

PRICE LIST

WPS SYSTEMS

ITEM 47-35 PURCHASE

**6% discount up to 75K
(8% discount 75K-150K) MOL 150K**

MODEL	DESCRIPTION	LIST PRICE	GSA PRICE
STARTER SYSTEMS			
WPS-10A	WP System 10A Stand-alone consists of one 5510 (Master Dual Diskette) CRT/Keyboard Work Station and one 40 CPS Daisy Printer (5511)	\$14,000.00	\$13,160.00
WPS-20	WP System 20 consists of one 5520, one 5526, and one 5581	\$18,000.00	\$16,920.00
WPS-30	WP System 30 consists of one 5530, one 5526, and one 5581	\$30,000.00	\$28,200.00
MASTERS			
5520	WP System 20 Master CPU and Dual Diskettes	\$ 6,600.00	\$ 6,204.00
5530	WP System 30 Master CPU, 10 Megabyte Disk and Single Diskette	\$18,600.00	\$17,484.00
WORK STATION			
5526	CRT/Keyboard Work Station	\$ 4,800.00	\$ 4,512.00
EDITING STATION			
WPS-ES	Stand-alone Editing Station for WP-20 and WP-30 consisting of a Master CRT/Keyboard Workstation and Dual Diskette	\$ 9,800.00	\$ 9,212.00
UPGRADES			
Upgrade of System 10A to System 20		\$ 6,000.00	\$ 5,640.00
Upgrade of System 10A to System 30		\$18,000.00	\$16,920.00
Upgrade of System 20 to System 30		\$14,000.00	\$13,160.00

ITEM 47-40
ACCESSORY PURCHASE
6% GSA discount MOL \$25,000

MODEL	DESCRIPTION	LIST PRICE	GSA PRICE
PRINTERS			
5581	40 CPS Daisy Wheel Printer	\$ 6,600.00	\$ 6,204.00
5531-2	120 CPS, 12 Pitch, 132 Column, Matrix Line Printer w/Stand	\$ 5,600.00	\$ 5,264.00
5521	200 CPS, 10 Pitch, 132 Column, Matrix Line Printer w/Stand	\$ 6,500.00	\$ 6,110.00
OPTIONS			
5595-1	Dual Column Payout (System 10A only)	\$ 1,000.00	\$ 940.00
5595-2	Horizontal Scroll (per Workstation)	\$ 1,000.00	\$ 940.00
5595-3	Telecommunications Asynchronous 2741 Emulator Software and TC Channel (5528)	\$ 1,800.00	\$ 1,692.00
5595-4	Telecommunications Asynchronous TTY Emulator Software and TC Channel (5528)	\$ 1,800.00	\$ 1,692.00
5595-5	Telecommunications Bisynchronous 2780 Emulator Software and TC Channel (5528)	\$ 2,500.00	\$ 2,350.00
5595-6	Emulator Software only for Asynchronous 2741	\$ 300.00	\$ 282.00
5595-7	Emulator Software only for Asynchronous TTY	\$ 300.00	\$ 282.00
5595-8	Emulator Software only for Bisynchronous 2780	\$ 1,000.00	\$ 940.00
ACCESSORIES			
5590-2	Table for System 10A, 20 or 30 Master Work Station	\$ 500.00	\$ 470.00
5590-3	Table for 5526 Work Station	\$ 280.00	\$ 263.20
5590-4	Table for 5581 Printer or 5511 Printer	\$ 280.00	\$ 263.20
5590-5	Cover for 10 Megabyte Disk	\$ 280.00	\$ 263.20
5590-6	File Supply Table	\$ 350.00	\$ 329.00
5590-7	Console Extension	\$ 150.00	\$ 141.00
5590-8	Silencer Hood for 5581 Printer	\$ 300.00	\$ 282.00
-	Adjustable Forms Feeder (for System 10A only)* P/N 725-0054T	\$ 280.00	\$ 263.20

*Adjustable Forms Feeder comes standard on WP20 and WP30.

ITEM 47-41
SUPPLIES
6% GSA discount MOL \$10,000

SUPPLIES	PART NUMBER	CABLES	LIST PRICE	GSA PRICE
		Additional Cable Lengths: (Systems 20 and 30 only)		
	220-0148	25'	\$ 35.00	\$ 32.90
	120-2300	50'	\$ 60.00	\$ 56.40
	120-2301	100'	\$ 100.00	\$ 94.00
	120.2302	250'	\$ 200.00	\$ 188.00
	120-2305	500'	\$ 400.00	\$ 376.00
	120-2310	1000'	\$ 750.00	\$ 705.00
	120-2320	2000'	\$1,250.00	\$1,175.00

**ITEM 47-41
SUPPLIES (contd.)**

		DISKETTES	LIST PRICE	GSA PRICE
DISKETTES	177-0063	Quantity		
		1-9	\$15.00/ea.	\$ 14.10
		10-49	\$ 8.50/ea.	\$ 7.99
		50-99	\$ 7.50/ea.	\$ 7.05
		100 & over	\$ 6.50/ea.	\$ 6.11

**ITEM 47-80
RENTALS *
12% GSA discount MOL ****

MODEL NO.	DESCRIPTION	MONTHLY RENTAL PRICE	
		LIST PRICE	GSA PRICE
STARTER SYSTEMS			
WPS-10A	WP System 10A Stand-alone consists of one 5510 (master dual diskettes) CRT/Keyboard Work Station (5526) and one 40 CPS Daisy Printer (5511)	\$ 525.00	\$ 462.00
WPS-20	WP System 20 consists of one 5520, one 5526, and one 5581	\$ 675.00	\$ 594.00
WPS-30	WP System 30 consists of one 5530, one 5526, and one 5581	\$1,125.00	\$ 990.00
MASTERS			
5520	WP System 20 Master CPU and Dual Diskettes	\$ 247.50	\$ 217.80
5530	WP System 30 Master CPU, 10 Megabyte Disk and Single Diskette	\$ 697.50	\$ 613.80
PRINTERS			
5581	40 CPS Daisy Wheel Printer	\$ 247.50	\$ 217.80
5531-2	120 CPS, 12 Pitch, 132 Column, Matrix Line Printer w/Stand	\$ 210.00	\$ 184.80
5521	200 CPS, 10 Pitch, 132 Column, Matrix Line Printer w/Stand	\$ 243.75	\$ 214.50
WORK STATION			
5526	CRT/Keyboard Work Station	\$ 180.00	\$ 158.40
EDITING STATION			
WPS-ES	Stand-alone Editing Station for WP-20 and WP-30 consisting of a master CRT/Keyboard Workstation	\$ 367.50	\$ 323.40

*Minimum Rentals 6 Months

** MOL Is 15 Machines or a Total Purchase Value of \$200,000

ITEM 47-80 RENTALS (contd.)

		MONTHLY RENTAL PRICE	
MODEL NO.	DESCRIPTION	LIST PRICE	GSA PRICE
ACCESSORIES			
5590-2	Table for System 20 or 30 Master Work Station	\$ 45.00	\$ 39.60
5590-3	Table for 5526 Work Station	\$ 25.00	\$ 22.00
5590-4	Table for 5581 Printer or 5511 Printer	\$ 25.00	\$ 22.00
5590-5	Cover for 10 Megabyte Disk	\$ 25.00	\$ 22.00
5590-6	File Supply Table	\$ 35.00	\$ 30.80
5590-7	Console Extension Wedge	\$ 15.00	\$ 13.20
5590-8	Silencer Hood for 5581 Printer	\$ 30.00	\$ 26.40
-	Adjustable Forms Feeder (System 10A only) P/N 725-0054T1	\$ 25.00	\$ 22.00
OPTIONS			
5595-1	Dual Column Payout (System 10A only) Option only	\$ 37.50	\$ 33.00
5595-2	Horizontal Scroll (per Workstation) Option only	\$ 37.50	\$ 33.00
5595-3	Telecommunications Asynchronous 2741 Emulator Software and TC Channel (5528)	\$ 67.50	\$ 59.40
5595-4	Telecommunications Asynchronous TTY Emulator Software and TC Channel (5528)	\$ 67.50	\$ 59.40
5595-5	Telecommunications Bisynchronous 2780 Emulator Software and TC Channel (5528)	\$ 93.75	\$ 82.50
5595-6	Emulator Software only for Asynchronous 2741	\$ 11.25	\$ 9.90
5595-7	Emulator Software only for Asynchronous TTY	\$ 11.25	\$ 9.90
5595-8	Emulator Software only for Bisynchronous 2780	\$ 37.50	\$ 33.00

ITEM 47-80 1222/1220 RENTAL RENEWALS*

MODEL	DESCRIPTON	LIST PRICE	GSA PRICE
1222	Dual Cassette Automatic Typewriter	\$ 315.00	\$ 303.97
1220	Dual Tape Automatic Typewriter	\$ 275.00	\$ 265.38

* Existing rentals which had been previously processed under an earlier contract may be renewed through the termination of this contract. No additional 1220 or 1222 installations are permitted. Agencies deciding to exercise buyout must do so on an open market basis. All prices and discounts will remain as previously established.

FP SYSTEMS

ITEM 47-35 PURCHASE

6% GSA discount up to 75K
(8% discount from 75K-150K) MOL 150K

MODEL	DESCRIPTION	LIST PRICE	GSA PRICE
Processor FP-10			
FP-10-2	Personal Forms Processor with 8K, 9" CRT (80 x 24 U/L), KB with Clicker and Audio Alarm, Dual Minidiskette Drives	\$ 7,700	\$ 7,238.00
FP-10-4	Same as above with 16K	\$ 9,300	\$ 8,742.00
FP-10-6	Same as above with 24K	\$10,600	\$ 9,964.00
FP-10-8	Same as above with 32K	\$11,500	\$10,810.00
Processor FP-15			
FP-15-4	Forms Processor with 16K, 12" CRT (80 x 24 U/L), KB with Clicker and Audio Alarm, Dual Diskette Drives, Desk	\$12,300	\$11,562.00
FP-15-6	Same as above with 24K	\$13,600	\$12,784.00
FP-15-8	Same as above with 32K	\$14,500	\$13,630.00
Processor FP-20			
FP-20-4	Forms Processor with 16K, 12" CRT (80 x 24 U/L), KB with Clicker and Audio Alarm, Dual Diskette Drives, 6 I/O slots	\$14,480	\$13,611.20
FP-20-6	Same as above with 24K	\$15,780	\$14,833.20
FP-20-8	Same as above with 32K	\$16,680	\$15,679.20
Processor FP-25			
FP-25-6	Forms Processor with 24K, three interactive Terminals, Dual Diskette Drives, Line Printer (132 col./112 cps), Printer Stand, Desk, 6 I/O slots	\$26,150	\$24,581.00
FP-25-8	Same as above with 32K	\$27,050	\$25,427.00
Processor FP-30			
FP-30A-4	Forms Processor with 16K, 12" CRT (80 x 24 U/L), KB with Clicker and Audio Alarm, Single Diskette Drive, Line Printer (132 col./112 cps), 2.5MB F/R Disk Drive, Printer Stand, Desk, Disk Enclosure, 6 I/O slots	\$25,880	\$24,327.20
FP-30A-6	Same as above with 24K	\$27,180	\$25,549.20
FP-30A-8	Same as above with 32K	\$28,080	\$26,395.20
Processor FP-30			
FP-30B-4	Forms Processor with 16K, 12" CRT (80 x 24 U/L), KB with Clicker and Audio Alarm, Single Diskette Drive, Line Printer (132 col./112 cps), 5.0MB F/R Disk Drive, Printer Stand, Desk, Disk Enclosure, 6 I/O slots	\$27,880	\$26,207.20
FP-30B-6	Same as above with 24K	\$29,180	\$27,429.20
FP-30B-8	Same as above with 32K	\$30,080	\$28,275.20

ITEM 47-35
PURCHASE (cont.)

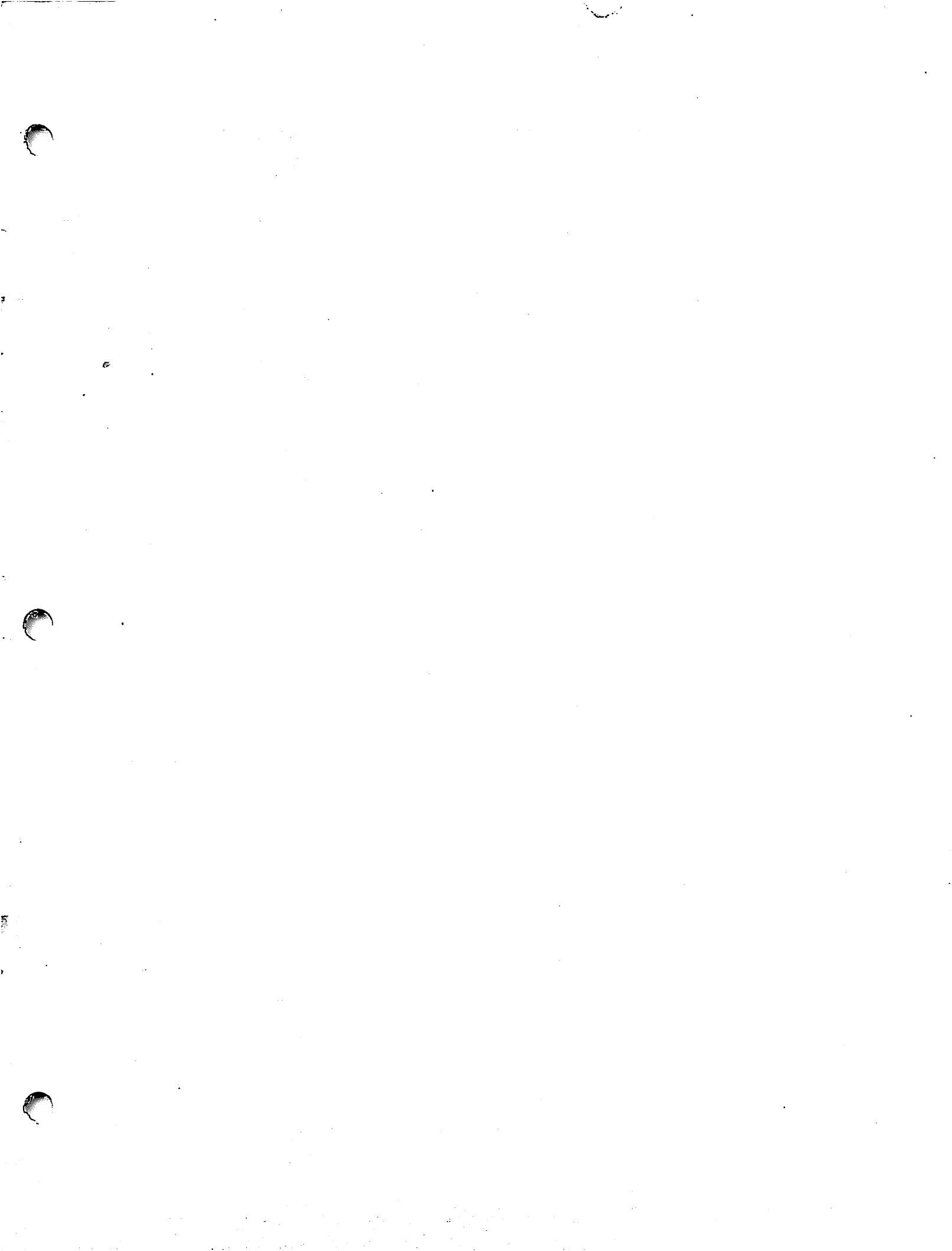
MODEL	DESCRIPTION	LIST PRICE	GSA PRICE
Processor FP-30			
FP-30C-4	Forms Processor with 16K, 12" CRT (80 x 24 U/L), KB with Clicker and Audio Alarm, Single Diskette Drive, Line Printer (132 col./112 cps), 10MB F/R Disk Drive, Printer Stand, Desk, Disk Enclosure, 6 I/O slots	\$29,880	\$28,087.20
FP-30C-6	Same as above with 24K	\$31,180	\$29,309.20
FP-30C-8	Same as above with 32K	\$32,080	\$30,155.20
FP-30D-4	Forms Processor with 16K, 12" CRT (80 x 24 U/L), KB with Clicker and Audio Alarm, Single Diskette Drive, Line Printer (132 col./112 cps), Dual 10MB F/R Disk Drives, Printer Stand, Desk, Disk Enclosure, 6 I/O slots	\$39,880	\$37,487.20
FP-30D-6	Same as above with 24K	\$41,180	\$38,709.20
FP-30D-8	Same as above with 32K	\$42,080	\$39,555.20

ITEM 47-40
ACCESSORY PURCHASE
6% GSA discount MOL \$25,000

MODEL	DESCRIPTION	LIST PRICE	GSA PRICE
Work Station			
FWS-4	12" U/L CRT (80 x 24) (KB, MXB, 16K)	\$ 6,100	\$ 5,734.00
FWS-6	Same as above with 24K	\$ 7,400	\$ 6,956.00
FWS-8	Same as above with 32K	\$ 8,300	\$ 7,802.00
F-36	Interactive Terminal (FP-25 only)	\$ 2,400	\$ 2,256.00
Mass Storage Peripherals			
F-09	800 BPI 9-Track Tape Drive with Controller	\$10,400	\$ 9,776.00
F-30MXA	Master Daisy Chain Disk Multiplexer Controller	\$ 800	\$ 752.00
Input/output Peripherals			
F-21M	Line Printer Multiplexer	\$ 300	\$ 282.00
F-21W	Line Printer (132 col./200 cps)	\$ 5,000	\$ 4,700.00
F-31W-1	Line Printer (112 col./120 cps)	\$ 2,900	\$ 2,726.00
F-31W-2	Line Printer (132 col./120 cps)	\$ 3,800	\$ 3,572.00
F-44A	Hopper Feed Marked Sense/Punched Card	\$ 4,800	\$ 4,512.00
F-61W	Line Printer (240LPM)	\$ 7,000	\$ 6,580.00
F-63-1	Line Printer (400LPM)	\$14,500	\$13,630.00
F-63-2	Line Printer (600LPM)	\$16,000	\$15,040.00
F-71P	Plotting Output Writer	\$ 3,600	\$ 3,384.00
F-81	Daisy Output Writer (40 cps)	\$ 4,500	\$ 4,230.00
	Pin Feed Forms Tractor	\$ 280	\$ 263.20

ITEM 47-40 ACCESSORY PURCHASE (cont.)

MODEL	DESCRIPTION	LIST PRICE	GSA PRICE
Interface Controllers & Accessories			
F-27B	Buffered Asynchronous Telecommunications Controller – all except FP-10, FP-15	\$ 1,000	\$ 940.00
F-28B	Bisynchronous Communications Controller – all except FP-10, FP-15	\$ 2,000	\$1,880.00
F-62	Buffered Asynchronous Telecommunications Controller – FP-10, FP-15 only	\$ 1,000	\$ 940.00
F-62B	Bisynchronous Telecommunications Controller – FP-10, FP-15 only	\$ 2,000	\$1,880.00
Processor Enhancement Option For FP-20-4, FP-30A-4, FP-30B-4, FP-30C-4, FP-30D-4			
FVP-4	Processor Enhancement-16K	\$ 4,600	\$4,324.00
FVP-8	Processor Enhancement-32K *	\$ 6,800	\$6,392.00
FVP-12	Processor Enhancement-48K *	\$ 8,600	\$8,084.00
FVP-16	Processor Enhancement-64K *	\$10,000	\$9,400.00
<p><i>*Also available for FP-25-6. Deduct \$1,300 from unit price and \$20 from monthly maintenance price.</i></p>			
Storage Enhancement			
	IBM 3740 Compatibility for diskette	\$ 400	\$ 376.00
Work Station Option			
	Keyboard Clicker, Audio Alarm option for FWS	\$ 100	\$ 94.00



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PENNSYLVANIA

Allentown 18102<

I. IN FIELD ADD-ON TABLE

2200 Series Peripherals and Options added after initial CPU installation

MODEL	TOTAL COST OF ADD-ON	MODEL	TOTAL COST OF ADD-ON
2201L	3,550	2261W	7,150
2202	4,150	2263-1	14,650
2207A	750	2263-2	16,150
2209	10,650	2270-1	3,450
2209A	15,250	2270-2	4,950
2210A	3,950	2270-3	6,450
2210B	4,350	2270A-1	3,850
2221W	5,150	2270A-2	5,350
2221M	450	2270A-3	6,850
2226A	2,350	2270A-1D	3,850
2226B	2,750	2270A-2D	5,350
2227B	900	2270A-3D	6,850
2227N	150	2271	3,350
2228B	1,650	2271P	3,750
2228N	150	2272-2	3,350
2230MXA	950	2281	4,650
2230MXB	650	2281P	4,650
2231W-1	3,050	2282	3,750
2231W-2	3,350		
2231W-3	3,950	22D02	3,950
2231W-6	3,450	22D09	10,150
2232B	8,150	22D31	1,350
2236D	2,550	22D33	2,950
2236MXD	1,650	22D80	9,050
2244A	6,650	22D81	11,050
2250	550	22D82	13,050
2251	1,350	22D83	20,050
2252A	750		
2254	900	22C01	350
2260B ¼	9,250	22C02	350
2260B ½	11,250	22C03	450
2260B	13,250	22C03D	450
2260B-2	20,250	22C06	1,150
2260C ¼	7,250	22C11	450
2260C ½	9,250	22C31	550
2260C	11,250	22C33	1,150
2260C-2	18,250	22C34	750

II. IN FIELD ADD-ON TABLE

2200 Series Peripherals and Options Added after initial CPU installation

MODEL	TOTAL COST OF ADD-ON	MODEL	TOTAL COST OF ADD-ON
MEMORY		PERIPHERALS AND OPTIONS	
T816	\$ 1,450	OP-T	200
T824	2,350	OP-20A	1,050
T832	3,650	OP-31	350
T1624	1,450	OP-32	230
T1632	2,350	OP-33	550
T2432	1,450	OP-60	250
PW816	1,450	OP-60A	550
PW824	2,350	OP-62	900
PW832	3,650	OP-62B	1,650
PW1624	1,450	OP-65	900
PW1632	2,350	OP-66	550
PW2432	1,450	OP-67	550
V1632	3,150	OP-101	1,250
V1648	4,250	OP-102	1,750
V1664	7,250	OP-120	330
V3248	3,150	OP-121	430
V3264	4,250	OP-122	400
V4864	3,150	OP-3740	650

All prices include total charges within the standard service area of 50 miles from a service office. An additional one hour travel charge per 25 miles will be added to all calls beyond the standard service area.

III. IN FIELD UPGRADE TABLE

MODEL	TOTAL COST OF UPGRADE	PART #
2200VP to 2200MVP Conversion Kit consists of - VP to MVP CPU Conversion - Diskette Drive Upgrade to 2270A-D - Double Controller (Printer and Disk/Diskette) - 22C11 - Disk Controller - 22C03D - MVP Operating System	\$2,500	200-0200-3
2270 to 2270A-D	650	200-0270-D
2270A to 2270A-D	350	200-2070-AD
2236 to 2236D	350	200-0236-D
2236MXC to 2236MXD	750	177-2236-3
2230MXA to 9041A	200	200-0200-26
2230MXB to 9041B	200	200-0200-27
2200WS (64 x 16) to 9041B conversion	400	200-0200-24
2200WS (80 x 24) to 9041B conversion	400	200-0200-25
2200A to 2200B	850	200-0200
2200A to 2200C	1,350	200-0200AC
2200B to 2200C	750	200-0200BC
2210A to 2210B	550	OP-33 (22C33)
2216 to 2216/17	1,600	200-0216C
2224-2 to 2224-3	750	200-022423
2224-2 to 2224-4	1,250	200-022424
2224-3 to 2224-4	750	200-022434
2226 to 2226A	350	OP-30
2226 to 2226B	750	OP-30 & OP-33 (22C33)
2226A to 2226B	550	OP-33 (22C33)
2230-1 to 2230-2	750	200-02301
2230-1 to 2230-3	1,250	200-02302
2230-2 to 2230-3	750	200-02303
2231W-1 to 2231W-2	450	200-023112
2232 (small bed, old pen) to 2232A (large bed, new pen)	1,650	200-0232A1
2232 (large bed, old pen) to 2232A (large bed, new pen)	550	200-0232A2
2232A to 2232B	250	200-0232AB
2234 to 2234A	450	200-0234A
2236 to 2236D	350	200-0236D
2236MXC to 2236MXD	750	177-2236-3
2244 to 2244A	450	200-0244A
2260 to 2260-2	7,250	200-02602
2260B to 2260B-2	7,250	200-02602
2260B ¼ to 2260B ½	2,250	200-026026
2260B ¼ to 2260B	4,250	200-026025
2260B ¼ to 2260B-2	11,250	N/A
2260B ½ to 2260B	2,250	200-026050
2260B ½ to 2260B-2	9,250	N/A
2260C ¼ to 2260C ½	2,250	200-0260-72
2260C ¼ to 2260C	4,250	200-0260-75
2260 ¼ to 2260C-2	11,250	200-0260-73
2260C ½ to 2260C	2,250	200-0260-71
2260C ½ to 2260C-2	9,250	200-0260-74
2260C to 2260C-2	7,250	200-0260-70
2262-1 to 2262-2	2,150	200-026212
2262-1 to 2262-3	3,150	200-026213
2262-2 to 2262-3	1,150	200-026223
2263-1 to 2263-2	1,750	725-0652
2270-1 to 2270-2	1,750	200-02701
2270-1 to 2270-3	3,250	200-02702
2270-2 to 2270-3	1,750	200-12703
2270A-1 to 2270A-2	1,750	200-0270A-1
2270A-1 to 2270A-3	3,250	200-0270A2
2270A-2 to 2270A-3	1,750	200-0270A3
2270A-1D to 2270A-2D	1,750	200-0270A-1
2270A-1D to 2270A-3D	3,250	200-0270A-2
2270A-2D to 2270A-3D	1,750	200-0270A-3
2270 to 2270A-D	650	200-0270-D
2270A to 2270A-D	350	200-0270-AD
2270 to 2270A	650	200-0270
2272-1 to 2272-2	550	200-0212W3

IV. IN FIELD CONVERSION TABLE

MODEL	TOTAL COST OF CONVERSION	PART #
601 to 2201	\$ 350	200-02016
701 to 2201	350	200-02017
602 to 2202	350	200-02026
702 to 2202	350	200-02027
630-1 to 2230-1	2,250	200-023061
630-1 to 2230-2	2,750	200-023062
630-1 to 2230-3	3,250	200-023063
630-2 to 2230-2	2,250	200-023064
630-2 to 2230-3	2,750	200-023065
630-3 to 2230-3	2,250	200-023066
730-1 to 2230-1	2,250	200-023071
730-1 to 2230-2	2,750	200-023072
730-1 to 2230-3	3,250	200-023073
730-2 to 2230-2	2,250	200-023074
730-2 to 2230-3	2,750	200-023075
730-3 to 2230-3	2,250	200-023076
632 to 2232	550	200-02326
632 (small bed, old pen) to 2232A (large bed, new pen)	2,250	200-023261
632 (large bed, old pen) to 2232A (large bed, new pen)	1,150	200-023262
632A to 2232A	650	200-02326A
732 to 2232	550	200-02327
732 (small bed, old pen) to 2232A (large bed, new pen)	2,250	200-023271
732 (large bed, old pen) to 2232A (large bed, new pen)	1,150	200-023272
732A to 2232A	650	200-02327A
662-1 to 2262-1	750	200-0262
662-2 to 2262-2	750	200-0262
762-1 to 2262-1	750	200-0262
762-2 to 2262-2	750	200-0262

All prices include total charges within the standard service area of 50 miles from a service office. An additional one hour (service labor rate) travel charge per 25 miles will be added to all calls beyond the standard service area.

IN FIELD ADD-ONS
After Initial CPU Installation
for Special Products

MODEL	TOTAL COST OF ADD-ON
9XXX	*
OP-1	650
OP-2	650
OP-3	550
OP-4	350
OP-5	650
OP-20	750
OP-21	450
OP-22	950
OP-23	1,250
OP-24	2,150
OP-30	350
2219	550
2220	3,150
2203	1,950
2214	1,150
2217	1,350
2218	2,450
2234A	5,850
2262-1	5,150
2262-2	7,150
2262-3	8,150
2272-1	3,050
2292	750
22D03	1,750
22D14	950
22D17	1,150
22D18	2,150
22D30	2,150
22D34	4,750
22D97	4,550
22D98	6,550
22D99	7,550
22C04	350
22C05	350
22C08	450
22C10	350
22C30	550
22C32	750
4K mem. (2200S-1 only)	1,350

IN FIELD ADD-ON TABLE (2200VS Series)

MODEL	TOTAL COST OF ADD-ON
VS64 (64KB Memory)	\$ 6,150
OP-20V	6,150
OP-21V	5,050
2209V	13,250
2221V	5,150
2231V-2	3,350
2246P	2,950
2260V	10,250
2261V	9,150
2263V-1	14,650
2263V-2	16,150
2265V-1	22,250
2265V-2	48,250
2281V	4,650
22V01	2,150
22V02	4,150
22V03	6,150
22V04	6,150
22V05	4,150
22V06-1	2,650
22V06-2	3,450

IN FIELD CONVERSION TABLE (2200VS Series)

MODEL	TOTAL COST OF CONVERSION	PART #
2221W to 2221V	\$ 150	200-2221V
2231W-1 to 2231V-1	150	200-2231V-1
2231W-2 to 2231V-2	150	200-2231V-2
2231V-1 to 2231V-2	450	200-023112
2261W to 2261V	2,550	200-2261V
2263-1 to 2263V-1	150	200-2263V-1
2263V-1 to 2263V-2	1,750	200-026223
2281 to 2281V	550	200-2281V

All prices include total charges within the standard service area of 50 miles from a service office. An additional one hour (service labor rate) travel charge per 25 miles will be added to all calls beyond the standard service area.

*All charges for field add-on installation of Special Products (9XXX Series) will be made at the current standard Field Service on-call rate, regardless of whether or not a PMC is in force on the currently installed equipment.



Wang Laboratories reserves the right to change specifications without prior notice.



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PRICE LIST

50 STATES, DISTRICT OF COLUMBIA, & PUERTO RICO

F.O.B. Tewksbury, Mass. All taxes additional. Prices subject to change without notice.

For ALASKA: Add 10% to all equipment and maintenance prices.

Model	Description	Unit Price	Monthly Maint. Price
Central Processor			
2200MVP CPU			
• 2200MVP-8	CPU-32K Memory, 9 I/O Slots, (equivalent to V3284)	\$ 9,000.00	\$ 75.00
• 2200MVP-18	Same as above with 64K (equivalent to V3296)	12,000.00	100.00
• 2200MVP-32	Same as above with 128K (equivalent to V64192)	16,000.00	160.00
• 2200MVP-48	Same as above with 192K (equivalent to V64256)	20,000.00	205.00
• 2200MVP-64	Same as above with 256K (equivalent to 2V128256)	24,000.00	250.00
• "A" Option	Extended configuration chassis	500.00	5.00

• Denotes change from previous price list.

MVP Memory

		Upgrade Price Matrix				
From \ To	32K	64K	128K	192K	256K	
• 16K Model #	\$2,000 V1632	\$5,000 V1664	\$10,000 V16128	\$13,000 V16192	\$18,000 V16256	
• 32K Model #	N/A	3,000 V3264	8,000 V32128	11,000 V32192	16,000 V32256	
• 48K Model #	N/A	2,000 V4864	7,000 V48128	10,000 V48192	15,000 V48256	
• 64K Model #	N/A	N/A	5,000 V64128	8,000 V64192	13,000 V64256	
• 96K Model #	N/A	N/A	3,000 V96128	8,000 V96192	11,000 V96256	
• 128K Model #	N/A	N/A	N/A	5,000 V128192	8,000 V128256	
• 192K Model #	N/A	N/A	N/A	N/A	5,000 V192256	

Example:

To upgrade 32K MVP to 192K, find 32K row, look across to 192K column — Cost \$11,000 — Model #V32192; Maintenance per month — difference in respective CPU Monthly Maintenance Price.

• Denotes change from previous price list.

2200 MVP

NOTE: Maintenance will only be invoiced on an annual basis if charges are less than \$200/mo or \$2400/yr.

However, customers may request monthly billing.

Model	Rating	Description	Unit Price	Monthly Maint. Price
Input/Output Monitor and Terminal				
2238D		Interactive Terminal Only	\$ 2,000.00	\$ 15.00
2236MXD+	18	4-Port Terminal Multiplexer for 2238D	1,200.00	8.00
• 22C32	18	Triple Controller for Diskette, Printer, and one 2236D	1,000.00	4.50

+ A maximum of two 2236 MXD's may be attached to a 2200MVP computer system.

Output Peripherals				
• 2211M		Printer Multiplexer (maximum 4 CPU and 1 Printer)	\$ 1,000.00	\$ 10.00
2221W***		Matrix Printer (132 Col./200 CPS, 10 p) Only	5,000.00	48.00
22C02	6	Printer/Drum Plotter Controller	200.00	2.00
2231W-1***		Matrix Printer (112 Col./120 CPS, 10 p) Only	2,900.00	28.00
22C02	6	Printer/Drum Plotter Controller	200.00	2.00
2231W-2***		Matrix Printer (132 Col./120 CPS, 12 p) Only	3,200.00	28.00
22C02	6	Printer/Drum Plotter Controller	200.00	2.00
2231W-3		2282 Graphic CRT Accessory Printer Only	3,800.00	28.00
22C02+	6	Printer/Drum Plotter Controller	200.00	2.00
2231W-6***		Hi-density Matrix Line Printer (132 Col./70 CPS) Only	3,300.00	28.00
22C02	6	Printer/Drum Plotter Controller	200.00	2.00
2232B		Digital Flatbed Plotter (31"x48") with controller consists of:	8,000.00	50.00
22D32		Digital Flatbed Plotter Only	7,800.00	48.00
22C01	8	Output Writer/Plotter Controller	200.00	2.00
2251***		Line Printer (40 Col./110 CPS) Only	1,200.00	11.00
22C02	6	Printer/Drum Plotter Controller	200.00	2.00
2261W***		Line Printer (220 LPM Dual Pitch) Only	7,000.00	60.00
22C02	6	Printer/Drum Plotter Controller	200.00	2.00
2263-1***		Line Printer (400 LPM, 64 char.) Only	14,500.00	125.00
22C02	6	Printer/Drum Plotter Controller	200.00	2.00
2263-2***		Line Printer (600 LPM, 64 char.) Only	16,000.00	135.00
22C02	6	Printer/Drum Plotter Controller	200.00	2.00
• 2263-3***		Line Printer (430 LPM, 96 char.) Only	17,000.00	145.00
22C02	6	Printer/Drum Plotter Controller	200.00	2.00
2272-2***		Triple Pen Drum Plotter Only	3,200.00	28.00
22C02	6	Printer/Drum Plotter Controller	200.00	2.00
• 2273-1***		Band Printer (250 LPM) Only	8,500.00	70.00
22C02	6	Printer/Drum Plotter Controller	200.00	2.00
• 2273-2***		Band Printer (600 LPM) Only	12,000.00	100.00
22C02	6	Printer/Drum Plotter Controller	200.00	2.00
2281P***		Plotting Daisy Output Writer (30 CPS) Only	4,500.00	35.00
22C02	6	Printer/Drum Plotter Controller	200.00	2.00
OP-121++		Pin Feed Forms Tractor	280.00	N/C
OP-122**		Pin Feed Platen	250.00	N/C
2282***		Graphic CRT Only	3,600.00	15.00
22C02	6	Printer/Drum Plotter Controller	200.00	2.00
IP41L***		Image Printer	32,000.00	365.00
22C02	6	Printer/Drum Plotter Controller	200.00	2.00
22C11	5	Dual Controller (Printer/Drum Plotter and Disk/Diskette)	300.00	3.00
Mass Storage Peripherals				
2209A	17	1600 BPI 9-Track Tape Drive with Controller	15,000.00	110.00
2230MXA-1*	8	Master Daisy Chain Disk Multiplexer Controller	800.00	4.00
2230MXB-1*	5	Slave Daisy Chain Disk Multiplexer Controller	500.00	2.50

*** All Printers must be attached to either the 22C02 Controller, directly to the 2238D Interactive Terminal, or to the 22C11 Dual Controller (Printer and Diskette).

+ Not needed if directly connected to 2282 Graphic CRT.

• Denotes change from previous price list.

++ Not for Plotting.

** Necessary for Plotting.

* 2260IC Series Only.

IBM Laboratory

Model	Rating	Description	Unit Price	Monthly Maint. Price
Mass Storage Peripherals (Continued)				
• 2260BC-½	28	1.25MB-F + 1.25MB-R Disk Drive with 22C13 Disk Controller and 2297 Stand	8,000.00	100.00
• 2260BC-¾	28	2.5MB-F + 2.5MB-R Disk Drive with 22C13 Disk Controller and 2297 Stand	10,000.00	100.00
• 2260BC	28	5MB-F + 5MB-R Disk Drive with 22C13 Disk Controller and 2297 Stand	12,000.00	100.00
• 2260BC-2	28	Dual 5MB-F + 5MB-R Disk Drives with 22C13 Disk Controller and 2297 Stand	19,000.00	160.00
2260C-¼@	28	1.25MB-F + 1.25MB-R Disk Drive with 22C12 Disk Controller	7,000.00	100.00
2260C-½@	28	2.5MB-F + 2.5MB-R Disk Drive with 22C12 Disk Controller	9,000.00	100.00
2260C@	28	5MB-F + 5MB-R Disk Drive with 22C12 Disk Controller	11,000.00	100.00
2260C-2@	28	Dual 5MB-F + 5MB-R Disk Drives with 22C12 Disk Controller	18,000.00	160.00
2270A-1		.25MB IBM 3740 Compatible Single Removable Diskette Drive Only	\$ 3,600.00	\$ 30.00
22C03	4	Disk/Diskette Controller	200.00	2.00
2270A-2		.50MB IBM 3740 Compatible Dual Removable Diskette Drives Only	5,100.00	45.00
22C03	4	Disk/Diskette Controller	200.00	2.00
2270A-3		.75MB IBM 3740 Compatible Triple Removable Diskette Drives Only	6,600.00	60.00
22C03	4	Disk/Diskette Controller	200.00	2.00
• 2280-1++	5	13.4 MB Removable and 13.4 MB Fixed Disk Drive (26.8 MB Total) with 22C14 Controller	19,000.00	190.00
• 2280-2++	5	13.4 MB Removable and 40.2 MB Fixed Disk Drive (53.6 MB Total) with 22C14 Controller	20,000.00	200.00
• 2280-3++	5	13.4 MB Removable and 67 MB Fixed Disk Drive (80.4 MB Total) with 22C14 Controller	21,000.00	210.00
• 2280N-1@	5	13.4 MB Removable and 13.4 MB Fixed Disk Drive (26.8 MB Total) Only	17,000.00	170.00
• 2280N-2@	5	13.4 MB Removable and 40.2 MB Fixed Disk Drive (53.6 MB Total) Only	18,000.00	180.00
• 2280N-3@	5	13.4 MB Removable and 67 MB Fixed Disk Drive (80.4 MB Total) Only	19,000.00	190.00
22C11	5	Dual Controller (Printer/Drum Plotter and Disk/Diskette)	300.00	3.00
Interface Controller & Accessories				
2227B	16	Buffered Asynchronous Telecommunications Controller	750.00	15.00
2227N		Null Modem	50.00	N/C
2228B	18	Bisynchronous Communications Controller	1,500.00	15.00
2228N		Null Modem	50.00	N/C
2228C	18	Bisynchronous Communications for IBM 3275 Emulation	1,700.00	17.00
Input Peripherals				
• 2244B		Hopper Feed Sense/Punched Card Reader with Controller	6,500.00	65.00
22D44		Hopper Feed Sense/Punched Card Reader Only	5,500.00	55.00
• 22C08B	14	Hopper Feed Card Reader Controller	1,000.00	10.00

• Denotes change from previous price list.

++ Not available with MXA-1 and MXB-1.

@ Customer must have a 2280 Disk Drive with 22C14 Controller for connection of 2280N Disk Drive.

PRICE LIST

Model	Rating	Description	Unit Price	Monthly Maint. Price
Optional Furniture (Cream Bullnose Tops and Charcoal Legs)				
8001-5		WCS Table with CRT Cut Out	250.00	N/C
8002-5		WCS Table with CRT Cut Out and Diskette Enclosure	500.00	N/C
8006-5		2231W Printer Stand	250.00	N/C
8007-5		WCS Table with CRT Cut Out and Diskette Enclosure (Left Workspace)	500.00	N/C
8008-5		WCS CPU/Peripherals Table	250.00	N/C
8017-5		WCS Table Wedge	150.00	N/C
● 8068		File Drawer Assembly Kit for 8002-5 and 8007-5	250.00	N/C
2291		2232 Flatbed Plotter Stand	350.00	N/C
2297		2260 C Disk Stand	250.00	N/C

- Denotes change from previous price list.

NOTE: Any Printer and one 2270A-1 Diskette Drive may be attached to the 22C11 Dual Controller (Printer/Drum Plotter and Diskette).

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PRICE LIST**50 STATES, DISTRICT OF COLUMBIA, & PUERTO RICO**

F.O.B. Tewksbury, Mass. All taxes additional. Prices subject to change without notice.

For ALASKA: Add 10% to all equipment and maintenance prices.

Model	Description	Unit Price	Monthly Maint. Price
PCSII			
2200-PCSII-2	Personal Computing System, 9 inch CRT (64 x 16 U/L Display), Single Diskette Drive, Keyboard and 8K bytes (equivalent to PW816)	\$ 4,800.00	\$50.00
• 2200-PCSII-4	Same as above with 16K bytes (equivalent to PW1632)	5,200.00	60.00
• 2200-PCSII-8	Same as above with 32K bytes (equivalent to 2-PW1632)	6,500.00	80.00
PCSIIA			
2200-PCSIIA-2	Personal Computing System, 9 inch CRT (64 x 16 U/L Display), Single Diskette Drive, Keyboard, Disk Multiplex Feature and 8K bytes Memory (equivalent to PW816)	5,000.00	50.00
• 2200-PCSIIA-4	Same as above with 16K bytes (equivalent to PW1632)	5,400.00	60.00
• 2200-PCSIIA-8	Same as above with 32K bytes (equivalent to 2-PW1632)	6,700.00	80.00
WCS-15			
• WCS-15-4	CPU with 16K, 12" CRT (64 x 16 U/L), KB, Single Diskette Drive, FS-2 Desk (equivalent to PW1632)	8,500.00	63.00
• WCS-15-6	Same as above with 24K (equivalent to PW832)	9,200.00	73.00
• WCS-15-8	Same as above with 32K bytes (equivalent to 2-PW1632)	10,000.00	83.00
• 8002-5	FS-2 Desk may be omitted — Deduct \$500.		
Additional Memory — PCSII AND WCS-15			
• PW816	8K to 16K Memory Upgrade	1,000.00	10.00
• PW832	8K to 32K Memory Upgrade	3,000.00	30.00
• PW1632	16K to 32K Memory Upgrade	2,000.00	20.00
• PW2432	24K to 32K Memory Upgrade	1,000.00	10.00
PCSII Systems Options			
OP-60	KB Clicker, Audio Alarm & Auxiliary CRT Connector	100.00	2.00
OP-60A	80 x 24 U/L CRT, KB Clicker & Audio Alarm and Aux. CRT Connector (for PCSII only)	400.00	5.00
OP-62†	Asynchronous Telecommunications Option	750.00	15.00
OP-62B†	Bisynchronous Communications Option	1,500.00	15.00
OP-65†	IEEE-488 Standard Interface	750.00	4.00
OP-67†	I/O Interface (8-bit parallel)	400.00	2.00
OP-101	Additional Minidiskette Drive for PCSII	1,000.00	8.00

† These options are mutually exclusive.

• Denotes change from previous price list.

PCSII/WCS-15**NOTE: Maintenance will only be invoiced on an annual basis if charges are less than \$200/mo or \$2400/yr.****However, customers may request monthly billing.**

PRICE LIST

Model	Description	Unit Price	Monthly Maint. Price
WCS-15 Systems Options			
OP-60	KB Clicker, Audio Alarm & Auxiliary CRT Connector	\$ 100.00	\$ 2.00
OP-62†	Asynchronous Telecommunications Option	750.00	15.00
OP-62B†	Bisynchronous Telecommunications Option	1,500.00	15.00
OP-65†	IEEE-488 Standard Interface	750.00	4.00
OP-66	80 x 24 U/L CRT	400.00	5.00
OP-67†	I/O Interface Controller (8-bit Parallel)	400.00	2.00
OP-102	Second Diskette Drive for WCS-15	1,500.00	15.00
OP-3740	IBM 3740 Series Compatible Diskette Option	400.00	N/C

† These options are mutually exclusive.

Peripherals			
2221W	Matrix Printer (132 Col./200 CPS, 10p) with Stand	5,000.00	48.00
2231W-1	Matrix Printer (112 Col./120 CPS, 10p)	2,900.00	28.00
2231W-2	Matrix Printer (132 Col./120 CPS, 12p)	3,200.00	28.00
2231W-3	2282 Graphic CRT Accessory Printer	3,800.00	28.00
2231W-6	Hi-density Matrix Line Printer (132 Col./70 CPS)	3,300.00	28.00
2251	110 CPS Printer, 40 Characters/Line	1,200.00	11.00
2261W	Line Printer (220 LPM/Dual Pitch)	7,000.00	60.00
2263-1	Line Printer (400 LPM, 64 char.)	14,500.00	125.00
2263-2	Line Printer (600 LPM, 64 char.)	16,000.00	135.00
• 2263-3	Line Printer (430 LPM, 96 char.)	17,000.00	145.00
2272-2	Drum Plotter with Three Pens	3,200.00	28.00
• 2273-1	Band Printer (250 LPM)	8,500.00	70.00
• 2273-2	Band Printer (600 LPM)	12,000.00	100.00
2281P	Plotting Daisy Output Writer (30 CPS)	4,500.00	35.00
OP-121*	Pin Feed Forms Tractor for 2281P	280.00	N/A
OP-122**	Plotting Pin Feed Platen for 2281P	250.00	N/A
2282	Graphic CRT	3,600.00	15.00
8006-5	2231W Printer Stand	250.00	N/A

- Denotes change from previous price list.
- * Not for Plotting.
- † Necessary for Plotting.

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PRICE LIST



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50 STATES, DISTRICT OF COLUMBIA, & PUERTO RICO
 F.O.B. Tewksbury, Mass. All taxes additional. Prices subject to change without notice.
 For ALASKA: Add 10% to all equipment and maintenance prices.

Model	Description	Unit Price	Monthly Maint. Price
Central Processing Units			
2200T CPU			
2200T-4	CPU-16K Memory, 6 I/O Slots (equivalent to T1632)	\$ 5,000.00	\$ 43.00
• 2200T-6	Same as above with 24K (equivalent to T832)	6,000.00	53.00
• 2200T-8	Same as above with 32K (equivalent to 2-T1632)	7,000.00	63.00
2200VP CPU			
• 2200VP-8	CPU — 9 I/O Slots and 32K Memory (equivalent to V3264)	7,500.00	65.00
• 2200VP-16	Same as above with 64K (equivalent to 2-V3264)	10,000.00	90.00
A option	Extended configuration chassis	500.00	5.00
Disk Workstation (Not for 2260C or 2280 Series Disks)			
2200WS-4	CPU - 12" U/L CRT (64 x 16) KB, MXB and 16K Memory (equivalent to PW1632)	5,000.00	33.00
2200WS-6	Same as above with 24K (equivalent to PW832)	5,800.00	43.00
2200WS-8	Same as above with 32K (equivalent to 2-PW1632)	6,600.00	53.00
Additional Memory			
2200T			
• T816	8K to 16K Memory Upgrade	1,000.00	10.00
• T832	8K to 32K Memory Upgrade	3,000.00	30.00
• T1632	16K to 32K Memory Upgrade	2,000.00	20.00
• T2432	24K to 32K Memory Upgrade	1,000.00	10.00
2200VP			
• V1632	16K to 32K Memory Upgrade	2,000.00	20.00
• V1664	16K to 64K Memory Upgrade	5,000.00	45.00
• V3264	32K to 64K Memory Upgrade	3,000.00	25.00
• V4864	48K to 64K Memory Upgrade	2,000.00	15.00
Disk Workstation			
• PW816	8K to 16K Memory Upgrade	1,000.00	10.00
• PW832	8K to 32K Memory Upgrade	3,000.00	30.00
• PW1632	16K to 32K Memory Upgrade	2,000.00	20.00
• PW2432	24K to 32K Memory Upgrade	1,000.00	10.00

• Denotes change from previous price list.

WANG 2200 T/VP/WS COMPUTING SYSTEMS (HARDWARE)

NOTE: Maintenance will only be invoiced on an annual basis if charges are less than \$200/mo or \$2400/yr.

However, customer may request monthly billing.

Compatible With			Model	Rating	Description	Unit Price	Monthly Maint. Price
VP	T	WS					
Input/Output CRT Consoles, Controllers and Options							
X	X		2210A		12" CRT (64x16) U/L Keyboard with single Minidiskette with Controller	\$ 3,800.00	\$ 22.00
X	X		22D33		12" CRT (64x16) U/L Keyboard with single Minidiskette only	2,800.00	17.00
X	X		22C31	13	Triple Controller for Disk/Diskette, Keyboard, Line Printer	400.00	2.00
X	X		22C34	17	64x16 U/L CRT Controller	600.00	3.00
X	X		2210B		12" (80 x 24) U/L Keyboard Console with Single Minidiskette with Controller	4,200.00	27.00
X	X		22D33		Consists of: 12" CRT Keyboard Console with single Minidiskette only	2,800.00	17.00
X	X		22C31	13	Triple Controller for Disk/ Diskette, Keyboard, Line Printer	400.00	2.00
X	X		22C33	22	80 x 24 U/L CRT Controller	1,000.00	8.00
X	X		2226A		12" CRT (64x16) U/L Keyboard Console with controller	2,200.00	10.00
X	X		22D31		Consists of: 12" CRT, Keyboard Console Only	1,200.00	5.00
X	X		22C31	13	Triple Controller for Disk/Diskette, Keyboard, Line Printer	400.00	2.00
X	X		22C34	17	64 x 16 U/L CRT Controller	600.00	3.00
X	X		2226B		12" CRT (80 x 24) U/L Keyboard Console CRT with Controller	2,600.00	15.00
X	X		22D31		Consists of: 12" CRT, Keyboard Console Only	1,200.00	5.00
X	X		22C31	13	Triple Controller for Disk/Diskette, Keyboard, Line Printer	400.00	2.00
X	X		22C33	22	80 x 24 U/L Case CRT Controller	1,000.00	8.00
CPU & Console Options							
X	X		OP-31		Audio Signal for 2226, 2210	200.00	1.00
X	X		OP-32		Keyboard Clicker for 2226, 2210	80.00	N.C
X	X		OP-33		80 x 24 Upper/Lower Case CRT Controller - 2226, 2210	400.00	5.00
		X	OP-60		Keyboard Clicker, Audio Alarm & Auxiliary CRT Connector for WS	100.00	2.00
		X	OP-68		80 x 24 Upper/Lower Case CRT Controller for WS	400.00	5.00
X	X		OP-101		Additional Minidiskette drive for 2210 only	1,000.00	8.00
		X	OP-T		Work Station T-Connector (for 2nd and 3rd WS)	50.00	N.C
Input/Output Monitors and Terminals							
X	X	X	2236D	18	Interactive Terminal Only	2,600.00	15.00
X	X	X	2236MXD	18	4-Port Terminal Multiplexer for 2236D	1,200.00	8.00
X	X	X	22C32	18	Triple Controller for Diskette, Printer and one 2236D	1,000.00	4.50
Output Peripherals							
X	X	X	2211M		Line Printer Multiplexer	\$ 1,000.00	\$ 10.00
X	X	X	2221W***		Matrix Printer with Stand (132 Col./200 CPS, 10p) Only	5,000.00	48.00
X	X		22C02	6	Printer/Drum Plotter Controller	200.00	2.00
X	X	X	2231W-1***	6	Matrix Printer (112 Col./120 CPS, 10p) Only	2,900.00	28.00
X	X		22C02	6	Printer/Drum Plotter Controller	200.00	2.00
X	X	X	2231W-2***	6	Matrix Printer (132 Col./120 CPS, 12p) Only	3,200.00	28.00
X	X		22C02	6	Printer/Drum Plotter Controller	200.00	2.00
X	X	X	2231W-3***	6	2282 Graphic CRT Accessory Matrix Printer Only	3,800.00	28.00
X	X		22C02+	6	Printer/Drum Plotter Controller	200.00	2.00
X	X	X	2231W-6***	6	Hi-density Matrix Line Printer (132 Col./70 CPS) Only	3,300.00	28.00
X	X		22C02	6	Printer/Drum Plotter Controller	200.00	2.00

● Denotes change from previous price list.

* Maximum of one 2236MXD and one 2236D for VP Processor. For additional 2236D's VP to MVP upgrade necessary.

*** May also be connected to Triple Controller if Slot is available.

+ Not needed if directly connected to 2282 Graphic CRT's.

Compatible With			Model	Rating	Description	Unit Price	Monthly Maint. Price
VP	T	WS					
Output Peripherals							
X	X		2232B		Digital Flatbed Plotter (31" x 48") with Controller	8,000.00	50.00
					Consists of:		
X	X		22D32		Digital Flatbed Plotter Only	7,800.00	48.00
X	X		22C01	8	Output Writer/Plotter Controller	200.00	2.00
X	X	X	2251***		Line Printer (40 Col./100 CPS) Only	1,200.00	11.00
X	X		22C02	6	Printer/Drum Plotter Controller	200.00	2.00
X	X	X	2261W***		Line Printer (220 LPM Dual Pitch) Only	7,000.00	60.00
X	X		22C02	6	Printer/Drum Plotter Controller	200.00	2.00
X	X	X	2263-1***		Line Printer (400 LPM, 64 char.) Only	14,500.00	125.00
X	X		22C02	6	Printer/Drum Plotter Controller	200.00	2.00
X	X	X	2263-2***		Line Printer (600 LPM, 64 Char.) Only	16,000.00	135.00
X	X		22C02	6	Printer/Drum Plotter Controller	200.00	2.00
X	X	X	•2263-3***		Line Printer (430 LPM, 96 Char.) Only	17,000.00	145.00
X	X		22C02	6	Printer/Drum Plotter Controller	200.00	2.00
X	X	X	2272-2***		Tripla Pen Drum Plotter Only	3,200.00	28.00
X	X		22C02	6	Printer/Drum Plotter Controller	200.00	2.00
X	X		•2273-1***		Band Printer (250 LPM) Only	8,500.00	70.00
X	X		22C02	6	Printer/Drum Plotter Controller	200.00	2.00
X	X		•2273-2***		Band Printer (600 LPM) Only	12,000.00	100.00
X	X		22C02	6	Printer/Drum Plotter Controller	200.00	2.00
X	X	X	2281P***		Plotting Daisy Output Writer (30 CPS) Only	4,500.00	35.00
X	X		22C02	6	Printer/Drum Plotter Controller	200.00	2.00
			OP-121++		Pin Feed Forms Tractor Option	280.00	N C
			OP-122**		Plotting Pin Feed Platen Option	250.00	N C
X	X	X	2282***		Graphic CRT Only	3,600.00	15.00
X	X		22C02	6	Printer/Drum Plotter Controller	200.00	2.00
X	X		IP41L***		Image Printer	32,000.00	365.00
X	X		22C02	6	Printer/Drum Plotter Controller	200.00	2.00
X	X		22C11	5	Dual Controller (Printer/Drum Plotter and Disk/Diskette)	300.00	3.00

- Denotes change from previous price list.
- *** May also be connected to Triple Controller if Slot is available.
- ++ Not for Plotting.
- ** Necessary for Plotting.

Compatible With			Model	Rating	Description	Unit Price	Monthly Maint. Price
VP	T	WS					
Mass Storage Peripherals							
X	X		2209		800 BPI 9-Track Drive with Controller	\$10,400.00	\$ 90.00
					Consists of:		
X	X		22D09		800 BPI 9-Track Drive Only	10,000.00	88.00
X	X		2250	8	8-Bit Parallel I/O Interface Controller	400.00	2.00
X	X		+2209A	17	1600 BPI 9-Track Tape Drive with Controller	15,000.00	110.00
X	X		2230MXA-1+	8	Master Daisy Chain Disk Multiplexer Controller	800.00	4.00
X	X		2230MXB-1+	5	Slave Daisy Chain Disk Multiplexer Controller	500.00	2.50
X	X		•2260BC-1/4	28	1.25MB-F + 1.25MB-R Disk Drive with 22C13 Disk Controller and 2297 Stand	8,000.00	100.00
X	X		•2260BC-1/2	28	2.5MB-F + 2.5MB-R Disk Drive with 22C13 Disk Controller and 2297 Stand	10,000.00	100.00
X	X		•2260BC	28	5MB-F + 5MB-R Disk Drive with 2213 Disk Controller and 2297 Stand	12,000.00	100.00
X	X		•2260BC-2	28	Dual 5MB-F + 5MB-R Disk Drives with 2213 Disk Controller and 2297 Stand	19,000.00	160.00
X	X		2260C-1/4*	28	1.25MB-F + 1.25MB-R Disk Drive with 22C12 Disk Controller	7,000.00	100.00

- Denotes change from previous price list.
- * 2297 Disk Stand Mandatory.
- + Available for 2260BC Series only.

Compatible With			Model	Rating	Description	Unit Price	Monthly Maint. Price
VP	T	WS					
Mass Storage Peripherals							
X	X		2260C-1/2*	28	2.5MB-F + 2.5MB-R Disk Drive with 22C12 Disk Controller	9,000.00	100.00
X	X		2260C*	28	5MB-F + 5MB-R Disk Drive with 22C12 Disk Controller	11,000.00	100.00
X	X		2260C-2*	28	Dual 5MB-F + 5MB-R Disk Drives with 22C12 Disk Controller	18,000.00	160.00
X	X		2270-1**		.25MB Single Removable Diskette Drive Only	3,200.00	30.00
X	X		22C03	4	Disk/Diskette Controller	200.00	2.00
X	X		2270-2**		.50MB Dual Removable Diskette Drives Only	4,700.00	45.00
X	X		22C03	4	Disk/Diskette Controller	200.00	2.00
X	X		2270-3**		.75MB Triple Removable Diskette Drives Only	6,200.00	60.00
X	X		22C03	4	Disk/Diskette Controller	200.00	2.00
X	X		2270A-1**		.25MB IBM 3740 Compatible Single Removable Diskette Drive Only	3,600.00	30.00
X	X		22C03	4	Disk/Diskette Controller	200.00	2.00
X	X		2270A-2**		.50MB IBM 3740 Compatible Dual Removable Diskette Drive Only	5,100.00	45.00
X	X		22C03	4	Disk/Diskette Controller	200.00	2.00
X	X		2270A-3**		.75MB IBM 3740 Compatible Triple Removable Diskette Drive Only	6,600.00	60.00
X	X		22C03	4	Disk/Diskette Controller	200.00	2.00
X			•2280-1++	5	13.4 MB Removable and 13.4 MB Fixed Disk Drive (26.8 MB Total) with 22C14 Disk Controller	19,000.00	190.00
X			•2280-2++	5	13.4 MB Removable and 40.2 MB Fixed Disk Drive (53.6 MB Total) with 22C14 Disk Controller	20,000.00	200.00
X			•2280-3++	5	13.4 MB Removable and 67 MB Fixed Disk Drive (80.4 MB Total) with 22C14 Disk Controller	21,000.00	210.00
X			•2280N-1@	5	13.4 MB Removable and 13.4 MB Fixed Disk Drive (26.8 MB Total) Only	17,000.00	170.00
X			•2280N-2@	5	13.4 MB Removable and 40.2 MB Fixed Disk Drive (53.6 MB Total) Only	18,000.00	180.00
X			•2280N-3@	5	13.4 Removable and 67 MB Fixed Disk Drive (80.4 MB Total) Only	19,000.00	190.00
Input Peripherals							
X	X		•2244B		Hopper Feed Marked Sense/Punched Card Reader with Controller	\$6,500.00	\$65.00
X	X		22D44		Hopper Feed Marked Sense/Punched Card Reader Only	5,500.00	55.00
X	X		• 22C06B	14	Hopper Feed Card Reader Controller	1,000.00	10.00
Interface Controllers & Accessories							
X	X		2207A	8	I/O Interface Controller (RS-232-C)	600.00	3.00
X	X		2227B	8	Buffered Asynchronous Telecommunications Controller	750.00	15.00
X	X		2227N		Null Modem	50.00	N/C
X	X		2228B	16	Bisynchronous Communications Controller	1,500.00	15.00
X	X		2228N		Null Modem	50.00	N/C
X	X		2228C	18	Bisynchronous Communications for IBM 3275 Emulation	1,700.00	17.00
X	X		2250	8	I/O Interface Controller (8-bit Parallel)	400.00	2.00
X	X		2252A	6	Scanning Input Interface Controller (BCD 1-10 Digit Parallel)	600.00	3.00
X	X		2254	7	IEEE-488 Interface Controller	750.00	4.00
Optional Furniture							
			7/ 8001-5		WCS Table with CRT Cut Out	\$250.00	N/C
			8002-5		WCS Table with CRT Cut Out and Diskette Enclosure	500.00	N/C
			8006-5		2231W Printer Stand	250.00	N/C
			8007-5		WCS Table With CRT Cut Out and Diskette Enclosure (Loft Workspace)	500.00	N/C
			8009-5		WCS CPU/Peripherals Table	250.00	N/C
			8017-5		WCS Table Wedge	150.00	N/C
			•8056		File Drawer Assembly Kit	250.00	N/C
			2291		2232 Flatbed Plotter Stand	350.00	N/C
			2297		2260 C Disk Stand	250.00	N/C

• Denotes change from previous price list.

* 2260 Disk Stand Mandatory.

• 2270 Disk Stand Mandatory. (to Triple Controller if S)

COMPANY CONFIDENTIAL



LABORATORIES, INC.

PRICE LIST

ONE INDUSTRIAL AVENUE, LOWELL, MASSACHUSETTS 01851, TEL. (617) 459-5000, TWX 710 343-8769, TELEX 94-7421

Effective Date: March 1, 1980

50 STATES AND DISTRICT OF COLUMBIA

F.O.B. Tewksbury, Mass. All Taxes Additional. Prices Subject to Change Without Notice.
 For Alaska: Add 10% to all Equipment and Maintenance Prices.
 For Puerto Rico: Add 4% to all Equipment Prices.

2200 MVP COMPUTER

Model	Description	Unit Price	Monthly Maint. Price
CENTRAL PROCESSOR			
2200MVP CPU			
2200MVP-8	CPU-32K Memory, 9 I/O Slots, with Extended configuration chassis (equivalent to V3264)	\$ 9,000.00	\$ 81.00
2200MVP-16	Same as above with 64K (equivalent to V3296)	12,000.00	107.00
● 2200MVP-32	Same as above with 128K (equivalent to V64192)	15,000.00	172.00
● 2200MVP-48	Same as above with 192K (equivalent to V64256)	18,000.00	220.00
● 2200MVP-64	Same as above with 256K (equivalent to 2V128256)	21,000.00	268.00
"A" Option	Extended configuration chassis	500.00	6.00

MVP MEMORY

UPGRADE PRICE MATRIX

From	To	32K	64K	128K	192K	256K
16K Model #		\$2,000.00 V1632	\$5,000.00 V1664	\$10,000.00 V16128	\$13,000.00 V16192	\$18,000.00 V16256
32K Model #		N/A	3,000.00 V3264	8,000.00 V32128	11,000.00 V32192	16,000.00 V32256
48K Model #		N/A	2,000.00 V4864	7,000.00 V48128	10,000.00 V48192	15,000.00 V48256
64K Model #		N/A	N/A	5,000.00 V64128	8,000.00 V64192	13,000.00 V64256

INSTALLATION CHARGE:

There is no installation charge for initial installation of system(s). For add-on equipment (orders that do not include a CPU or Master, i.e., a workable system) there is an installation charge for both Rental and Purchase Equipment as follows: workstations and/or printers — 1% of the purchase price — minimum charge \$100 per order. All other peripherals, devices, disks, memory, software options, etc. — 3% of the purchase price — minimum charge \$100 per order.

Example:

To upgrade 32K MVP to 192K, find 32K row, look across to 192K column — Cost \$11,000 — Model #V32192. Maintenance per month — difference in respective CPU Monthly Maintenance Prices.

● Denotes change from previous price list.

MVP MEMORY (CONTINUED)

UPGRADE PRICE MATRIX

From	To	32K	64K	128K	192K	256K
96K Model #		N/A	N/A	\$3,000.00 V96128	\$ 8,000.00 V96192	\$11,000.00 V96256
128K Model #		N/A	N/A	N/A	5,000.00 V128192	8,000.00 V128256
192K Model #		N/A	N/A	N/A	N/A	5,000.00 V192256

Model	Rating	Description	Unit Price	Monthly Maint. Price
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INPUT/OUTPUT MONITOR AND TERMINAL

● 2236DE		Interactive Terminal Only	\$ 2,700.00	\$ 20.00
2236MXD(1)	18	4-Port Terminal Multiplexer for 2236DE	1,200.00	10.00
22C32	18	Triple Controller for Diskette, Printer, and one 2236DE	1,000.00	6.00

OUTPUT PERIPHERALS

2211M		Printer Multiplexer (maximum 4 CPU and 1 Printer)	\$ 1,000.00	\$ 13.00
2221W(3)		Matrix Printer (132 Col./200 CPS, 10 p) Only	5,000.00	60.00
22C02	6	Printer/Drum Plotter Controller	200.00	3.00
2231W-1(3)		Matrix Printer (112 Col./120 CPS, 10 p) Only	2,900.00	35.00
22C02	6	Printer/Drum Plotter Controller	200.00	3.00
2231W-2(3)		Matrix Printer (132 Col./120 CPS, 12 p) Only	3,200.00	35.00
22C02	6	Printer/Drum Plotter Controller	200.00	3.00
2231W-3		2282 Graphic CRT Accessory Matrix Printer Only	3,800.00	35.00
22C02(2)	6	Printer/Drum Plotter Controller	200.00	3.00
2231W-6(3)		Hi-density Matrix Line Printer (132 Col./70 CPS) Only	3,300.00	35.00
22C02	6	Printer/Drum Plotter Controller	200.00	3.00
2232B		Digital Flatbed Plotter (31" x 48") with controller consists of:	8,000.00	62.00
22D32		Digital Flatbed Plotter Only	7,800.00	60.00
22C01	8	Output Writer/Plotter Controller	200.00	3.00
2251(3)		Line Printer (40 Col./110 CPS) Only	1,200.00	14.00
22C02	6	Printer/Drum Plotter Controller	200.00	3.00
2261W(3)		Matrix Line Printer (220 LPM Dual Pitch) Only	7,000.00	75.00
22C02	6	Printer/Drum Plotter Controller	200.00	3.00
2263-1(3)		Line Printer (400 LPM, 64 char.) Only	14,500.00	155.00
22C02	6	Printer/Drum Plotter Controller	200.00	3.00
2263-2(3)		Line Printer (600 LPM, 64 char.) Only	16,000.00	168.00
22C02	6	Printer/Drum Plotter Controller	200.00	3.00
2263-3(3)		Line Printer (430 LPM, 96 char.) Only	17,000.00	180.00
22C02	6	Printer/Drum Plotter Controller	200.00	3.00
2273-1(3)		Band Printer (250 LPM) Only	8,500.00	94.00
22C02	6	Printer/Drum Plotter Controller	200.00	3.00
2273-2(3)		Band Printer (600 LPM) Only	12,000.00	124.00
22C02	6	Printer/Drum Plotter Controller	200.00	3.00

● Denotes change from previous price list.

(1) A maximum of two 2236 MXD's may be attached to a 2200MVP computer system.

(2) Not needed if directly connected to 2282 Graphic CRT.

(3) All printers must be attached to either the 22C02 controller, directly to the 2236DE Interactive Terminal, or to the 22C11 Dual Controller (Print + Diskette) or the 22C32 Triple Controller for Diskette Printer and 2236DE.

Model	Rating	Description	Unit Price	Monthly Maint. Price
OUTPUT PERIPHERALS (CONTINUED)				
● 2281W(3)		Wang Daisy Printer Plotter (30 cps) Only	4,500.00	44.00
22C02	6	Printer/Drum Plotter Controller	200.00	3.00
● OP-123		Mono-Directional Forms Tractor for 2281W	250.00	N/C
● BFT-1(4)	6	Bi-Directional Forms Tractor for 2281W	300.00	N/C
2282(3)		Graphic CRT Only	3,600.00	19.00
22C02	6	Printer/Drum Plotter Controller	200.00	3.00
IP41L(3)		Image Printer	32,000.00	453.00
22C02	6	Printer/Drum Plotter Controller	200.00	3.00
22C11	5	Dual Controller (Printer/Drum Plotter and Diskette)	300.00	4.00

MASS STORAGE PERIPHERALS

2209A	17	1600 BPI 9-Track Tape Drive With Controller	\$15,000.00	\$119.00
2230MXA-1(5)	8	Master Daisy Chain Disk Multiplexer Controller	800.00	5.00
2230MXB-1(5)	5	Slave Daisy Chain Disk Multiplexer Controller	500.00	3.00
2260BC-1/4	28	1.25MB-F + 1.25MB-R Disk Drive with 22C13 Disk Controller and 2297 Stand	8,000.00	108.00
2260BC-1/2	28	2.5MB-F + 2.5MB-R Disk Drive with 22C13 Disk Controller and 2297 Stand	10,000.00	108.00
2260BC	28	5MB-F + 5MB-R Disk Drive with 22C13 Disk Controller and 2297 Stand	12,000.00	108.00
2260BC-2	28	Dual 5MB-F + 5MB-R Disk Drives with 22C13 Disk Controller and 2297 Stand	19,000.00	173.00
● 2260C-1/4	28	1.25MB-F + 1.25MB-R Disk Drive with 22C12 Disk Controller and 2297 Stand	7,200.00	108.00
● 2260C-1/2	28	2.5MB-F + 2.5MB-R Disk Drive with 22C12 Disk Controller and 2297 Stand	9,200.00	108.00
● 2260C	28	5MB-F + 5MB-R Disk Drive with 22C12 Disk Controller and 2297 Stand	11,200.00	108.00
● 2260C-2	28	Dual 5MB-F + 5MB-R Disk Drives with 22C12 Disk Controller and 2297 Stands	18,400.00	173.00
2270A-1		.25MB Wang/3740 Compatible Single Removable Diskette Drive Only	3,600.00	38.00
22C03	4	Disk/Diskette Controller	200.00	3.00
2270A-2		.50MB Wang/3740 Compatible Dual Remova- ble Diskette Drive Only	5,100.00	49.00
22C03	4	Disk/Diskette Controller	200.00	3.00
2270A-3		.75MB Wang/3740 Compatible Triple Removable Diskette Drive Only	6,600.00	65.00
22C03	4	Disk/Diskette Controller	200.00	3.00
2280-1(6)	5	13.4 MB Removable and 13.4 MB Fixed Disk Drive (26.8 MB Total) with 22C14 Disk Processing Unit and Disk Controller	19,000.00	206.00
2280-2(6)	5	13.4 MB Removable and 40.2 MB Fixed Disk Drive (53.6 MB Total) with 22C14 Disk Processing Unit and Disk Controller	20,000.00	216.00
2280-3(6)	5	13.4 MB Removable and 67 MB Fixed Disk Drive (80.4 MB Total) with 22C14 Disk Processing Unit and Disk Controller	21,000.00	227.00

● Denotes change from previous price list.

(3) All printers must be attached to either the 22C02 controller, directly to the 2236DE Interactive Terminal, or to the 22C11 Dual Controller (Printer & Diskette) or the 22C32 triple controller for Diskette, Printer and 2236DE.

(4) Necessary for plotting a 2281W.

(5) Available for 2260BC Series (or 2260C Series with 22C13).

(6) Not available with MXA-1 and MXB-1

Model	Rating	Description	Unit Price	Monthly Maint. Price
MASS STORAGE PERIPHERALS (CONTINUED)				
2280N-1(7)	5	13.4 MB Removable and 13.4 MB Fixed Disk Drive (26.8 MB Total) Only	17,000.00	184.00
2280N-2(7)	5	13.4 MB Removable and 40.2 MB Fixed Disk Drive (53.6 MB Total) Only	18,000.00	194.00
2280N-3(7)	5	13.4 MB Removable and 67 MB Fixed Disk Drive (80.4 MB Total) Only	19,000.00	206.00
22C11	5	Dual Controller (Printer/Drum Plotter and Diskette)	300.00	4.00
INTERFACE CONTROLLER & ACCESSORIES				
2227B	8	Buffered Asynchronous Telecommunications Controller	\$ 750.00	\$ 17.00
2227N		Null Modem	50.00	N/C
2228B	16	Bisynchronous Communications Controller	1,500.00	17.00
2228C	18	Bisynchronous Communications for IBM 3275 Emulation	1,700.00	19.00
2228N		Null Modem	50.00	N/C
INPUT PERIPHERALS				
2244B		Hopper Feed Sense/Punched Card Reader with Controller	\$ 6,500.00	\$ 81.00
22D44		Hopper Feed Sense/Punched Card Reader Only	5,500.00	69.00
22C06B	14	Hopper Feed Card Reader Controller	1,000.00	13.00
OPTIONAL FURNITURE (CREAM BULLNOSE TOPS AND CHARCOAL LEGS)				
8001-5		WCS Table with CRT Cut Out	\$ 250.00	\$ N/C
8002-5		WCS Table with CRT Cut Out and Diskette Enclosure	500.00	N/C
8006-5		2231W Printer Stand	250.00	N/C
8007-5		WCS Table With CRT Cut Out and Diskette Enclosure (Left Workspace)	500.00	N/C
8009-5		WCS CPU/Peripherals Table	250.00	N/C
8017-5		WCS Table Wedge	150.00	N/C
8056		File Drawer Assembly Kit for 8002-5 and 8007-5	250.00	N/C
2291		2232 Flatbed Plotter Stand	350.00	N/C
2297		2260 C Disk Stand	250.00	N/C

(7) Customer must have a 2280 Disk Drive with 2214C Disk Processing Unit for connection of 2280N Disk Drive.

NOTE: Any printer and one 2270A diskette drive may be attached to the 22C11 Dual Controller (Printer/Drum Plotter and Diskette).

GENERAL INFORMATION

All orders for purchase must be accompanied by a standard WANG PURCHASE AGREEMENT to include maintenance.

The basic monthly maintenance charge applies to equipment located within 50 miles of the nearest Wang Service Center. The following surcharges apply beyond 50 miles:

Mileage Surcharge	
Between 51-100 Miles	25%
Between 101-150 Miles	75%
Over 151 Miles	an additional 15%/25 Miles over 150 Miles

Extended maintenance coverage is available at the following rates:

Extended Coverage Surcharge:*	8 Hours	16 Hours	24 Hours
Monday through Friday		30%	60%
Monday through Saturday	20%	40%	80%
Monday through Sunday	30%	60%	100%

*Subject to Prior Approval by Area Service Director.

Maintenance will be invoiced on an annual basis if charges are less than \$200.00 per month or \$2,400.00 per year. However, Wang will honor customer requests for monthly billing.

Customers are entitled to take the Investment Tax Credit on the purchase of newly manufactured equipment. Wang Laboratories, Inc., as a policy does not pass through the Investment Tax Credit on rentals. By law, customers are not entitled to the Investment Tax Credit on equipment originally rented where the Investment Tax Credit was not originally passed through at the beginning of the rental and where the equipment was subsequently purchased, i.e., conversion of rental to purchase.

Supplies

Consult the Wang Supplies Catalog for product pricing information relating to supplies offered by Wang Laboratories, Inc. ,

INSTALLATION CHARGE:

There is no installation charge for initial installation of system(s). For add-on equipment (orders that do not include a CPU or Master, i.e., a workable system) there is an installation charge for both Rental and Purchase Equipment as follows: workstations and/or printers — 1% of the purchase price — minimum charge \$100 per order. All other peripherals, devices, disks, memory, software options, etc. — 3% of the purchase price — minimum charge \$100 per order.

Wang Laboratories reserves the right to change specifications without prior notice.

This document was set on the Wang System 48 Typesetter.



LABORATORIES, INC.

ONE INDUSTRIAL AVENUE, LOWELL, MASSACHUSETTS 01851, TEL. (617) 459-5000, TWX 710 343-8789, TELEX 94-7421

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COMPANY CONFIDENTIAL



LABORATORIES, INC.

PRICE LIST

ONE INDUSTRIAL AVENUE, LOWELL, MASSACHUSETTS 01851, TEL. (617) 459-5000, TWX 710 343-6769, TELEX 94-7421

Effective Date: March 1, 1980

50 STATES AND DISTRICT OF COLUMBIA

F.O.B. Tewksbury, Mass. All Taxes Additional. Prices Subject to Change Without Notice.

For Alaska: Add 10% to all Equipment and Maintenance Prices.

For Puerto Rico: Add 4% to all Equipment Prices.

WANG 2200T/VP/WS COMPUTER SYSTEMS (HARDWARE)

2200VP HARDWARE PRICE LIST

Model	Description	Unit Price	Monthly Maint. Price
2200VP CPU			
● 2200VP-8	CPU — 9 I/O Slots and 32K Memory (equivalent to V3264)	\$6,000.00	\$70.00
● 2200VP-16	Same as above with 64K (equivalent to 2-V3264)	8,500.00	97.00
A option	Extended configuration chassis	500.00	6.00

ADDITIONAL MEMORY

2200VP			
● V1632	16K to 32K Memory Upgrade	\$2,000.00	\$22.00
● V1664	16K to 64K Memory Upgrade	5,000.00	49.00
● V3264	32K to 64K Memory Upgrade	3,000.00	27.00
● V4864	48K to 64K Memory Upgrade	2,000.00	17.00

INSTALLATION CHARGE:

There is no installation charge for initial installation of system(s). For add-on equipment (orders that do not include a CPU or Master, i.e., a workable system) there is an installation charge for both Rental and Purchase Equipment as follows: workstations and/or printers — 1% of the purchase price — minimum charge \$100 per order. All other peripherals, devices, disks, memory, software options, etc. — 3% of the purchase price — minimum charge \$100 per order.

● Denotes change from previous price list.

INPUT/OUTPUT CRT CONSOLES, CONTROLLERS AND OPTIONS

Compatible with

VP	T	WS	Model	Rating	Description	Unit Price	Monthly Maint. Price
X	X		2210A		12" CRT (64x16) U/L Keyboard with single Minidiskette with Controller	\$3,800.00	\$27.00
X	X		22D33		Consist of: 12" CRT (64x16) U/L Keyboard with single Minidiskette only	2,800.00	21.00

**INPUT/OUTPUT CRT CONSOLES, CONTROLLERS AND OPTIONS
(CONTINUED)****Compatible with**

VP	T	WS	Model	Rating	Description	Unit Price	Monthly Maint. Price
X	X		22C31	13	Triple Controller for Disk/Diskette, Keyboard, Line Printer	\$ 400.00	\$ 3.00
X	X		22C34	17	64x16 U/L CRT Controller	600.00	4.00
X	X		2210B		12" (80 x 24) U/L Keyboard Console with Single Mini- diskette with Controller	4,200.00	33.00
X	X		22D33		Consists of: 12" CRT Keyboard Console with single Minidiskette only	2,800.00	58.00
X	X		22C31	13	Triple Controller for Disk/ Diskette, Keyboard, Line Printer	400.00	3.00
X	X		22C33	22	80 x 24 U/L CRT Controller	1,000.00	10.00
X	X		2226A		12" CRT (64x16) U/L Keyboard Console with controller	2,200.00	12.00
X	X		22D31		Consists of: 12" CRT, Keyboard Console Only	1,200.00	6.00
X	X		22C31	13	Triple Controller for Disk/Diskette, Keyboard, Line Printer	400.00	3.00
X	X		22C34	17	64 x 16 U/L CRT Controller	600.00	4.00
X	X		2226B		12" CRT (80 x 24) U/L Keyboard Console CRT with Controller	2,600.00	18.00
X	X		22D31		Consists of: 12" CRT, Keyboard Console Only	1,200.00	6.00
X	X		22C31	13	Triple Controller for Disk/ Diskette, Keyboard, Line Printer	400.00	3.00
X	X		22C33	22	80 x 24 U/L Case CRT Controller	1,000.00	10.00

Compatible With

VP	T	WS	Model	Rating	Description	Unit Price	Monthly Maint. Price
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CPU & CONSOLE OPTIONS

X	X		OP-31		Audio Signal for 2226, 2210	\$ 200.00	\$ 2.00
X	X		OP-32		Keyboard Clicker for 2226, 2210	80.00	N/C
X	X		OP-33		80 x 24 Upper/Lower Case CRT Controller	400.00	6.00
		X	OP-60		Keyboard Clicker, Audio Alarm & Auxiliary CRT Connector for WS	100.00	3.00
		X	OP-66		80 x 24 Upper/Lower Case CRT Controller for WS	400.00	6.00
X	X		OP-101		Additional Minidiskette drive for 2210 only	1,000.00	9.00

INPUT/OUTPUT MONITORS AND TERMINALS

X			● 2236DE		Interactive Terminal Only	\$ 2,700.00	\$ 19.00
X			2236 MXD9(1)	18	4-Port Terminal Multiplexer for 2236DE	1,200.00	10.00
X			22C32	18	Triple Controller for Diskette, Printer and one 2236DE	1,000.00	6.00

Compatible With

VP	T	WS	Model	Rating	Description	Unit Price	Monthly Maint. Price
OUTPUT PERIPHERALS							
X	X	X	2211M		Line Printer Multiplexer	\$ 1,000.00	\$ 13.00
X	X	X	2221W***		Matrix Printer with Stand (132 Col./200 CPS, 10p) Only	5,000.00	60.00
X	X		22C02	6	Printer/Drum Plotter Controller	200.00	3.00
X	X	X	2231W-1(2)		Matrix Printer (112 Col./120 CPS, 10p) Only	2,900.00	35.00
X	X		22C02	6	Printer/Drum Plotter Controller	200.00	3.00
X	X	X	2231W-2(2)		Matrix Printer (132 Col./120 CPS, 12p) Only	\$ 3,200.00	\$ 35.00
X	X		22C02	6	Printer/Drum Plotter Controller	200.00	3.00
X	X	X	2231W-3(2)		2282 Graphic CRT Accessory Matrix Printer Only	3,800.00	35.00
X	X		22C02+	6	Printer/Drum Plotter Controller	200.00	3.00
X	X	X	2231W-6(2)		Hi-density Matrix Line Printer (132 Col./70 CPS) Only	3,300.00	35.00
X	X		22C02	6	Printer/Drum Plotter Controller	200.00	3.00
X	X		2232B		Digital Flatbed Plotter (31" x 48") with Controller	8,000.00	62.00
X	X		22D32		Consists of: Digital Flatbed Plotter Only	7,800.00	60.00
X	X		22C01	8	Output Writer/Plotter Controller	200.00	3.00
X	X	X	2251(2)		Line Printer (40 Col./100 CPS) Only	1,200.00	14.00
X	X		22C02	6	Printer/Drum Plotter Controller	200.00	3.00
X	X	X	2261W(2)		Matrix Line Printer (220 LPM Dual Pitch) Only	7,000.00	75.00
X	X		22C02	6	Printer/Drum Plotter Controller	200.00	3.00
X	X	X	2263-1(2)		Line Printer (400 LPM, 64 char.) Only	14,500.00	155.00
X	X		22C02	6	Printer/Drum Plotter Controller	200.00	3.00
X	X	X	2263-2(2)		Line Printer (600 LPM, 64 char.) Only	16,000.00	168.00
X	X		22C02	6	Printer/Drum Plotter Controller	200.00	3.00
X	X	X	2263-3(2)		Line Printer (430 LPM, 96 Character) Only	17,000.00	180.00
X	X		22C02	6	Printer/Drum Plotter Controller	200.00	3.00
X	X	X	2273-1(2)		Band Printer (250 LPM) Only	8,500.00	87.00
X	X		22C02	6	Printer/Drum Plotter Controller	200.00	3.00
X	X	X	2273-2(2)		Band Printer (600 LPM) Only	12,000.00	124.00
X	X		22C02	6	Printer/Drum Plotter Controller	200.00	3.00
X	X	X	● 2281W(2)		Wang Daisy Printer Plotter (30 CPS)	4,500.00	44.00
X	X		22C02	6	Printer/Drum Plotter Controller	200.00	3.00
			● OP-123		Mono-Directional Forms Tractor for 2281W	250.00	N/C
			● BFT-1@		Bi-Directional Forms Tractor for 2281W	300.00	N/C
X	X	X	2282(2)		Graphic CRT Only	\$ 3,600.00	\$ 19.00
X	X		22C02	6	Printer/Drum Plotter Controller	200.00	3.00
X	X		IP41L(2)		Image Printer	32,000.00	453.00
X	X		22C02	6	Printer/Drum Plotter Controller	200.00	3.00
X	X		22C11	5	Dual Controller (Printer/Drum Plotter)	300.00	4.00

● Denotes change from previous price list.
 (2) May also be connected to 22C11, 22C31, or 22C32 Triple Controller if Slot is available.
 (3) Necessary for plotting on the 2281W

Compatible With

VP	T	WS	Model	Rating	Description	Unit Price	Monthly Maint. Price
MASS STORAGE PERIPHERALS							
X	X		2209		800 BPI 9-Track Drive With Controller	\$10,400.00	\$ 98.00
X	X		22D09		Consists of: 800 BPI 9-Track Drive Only	10,000.00	96.00
X	X		2250	8	8-Bit Parallel I/O Interface Controller	400.00	3.00
X	X		2209A	17	1600 BPI 9-Track Tape Drive With Controller	15,000.00	119.00
X	X		2230 MXA-1(4)	8	Master Daisy Chain Disk Multiplexer Controller	800.00	5.00
X	X		2230 MXB-1(4)	5	Slave Daisy Chain Disk Multiplexer Controller	500.00	3.00
X	X	●	2260C 1/4	28	1.25MB-F + 1.25MB-R Disk Drive With 22C12 Disk Controller and 2297 Stand	7,200.00	108.00
X	X	●	2260C 1/2	28	2.5MB-F + 2.5MB-R Disk Drive With 22C12 Disk Controller and 2297 Stand	9,200.00	108.00
X	X	●	2260C	28	5MB-F + 5MB-R Disk Drive With 22C12 Disk Controller and 2297 Stand	11,200.00	108.00
X	X	●	2260C-2	28	Dual 5MB-F + 5MB-R Disk Drives With 22C12 Disk Controller and 2297 Stands	18,400.00	173.00
X	X		2260BC-1/4	28	1.25MB-F + 1.25MB-R Disk Drive with 22C13 Disk Controller and 2297 Stand	8,000.00	108.00
X	X		2260BC-1/2	28	2.5MB-F + 2.5MB-R Disk Drive with 22C13 Disk Controller and 2297 Stand	10,000.00	108.00
X	X		2260BC	28	5MB-F + 5MB-R Disk Drive with 22C13 Disk Controller and 2297 Stand	12,000.00	108.00
X	X		2260BC-2	28	Dual 5MB-F + 5MB-R Disk Drives with 22C13 Disk Controller and 2297 Stand	19,000.00	173.00
X	X		2270-1(2)		.25MB Single Removable Diskette Drive Only	3,200.00	33.00
X	X		22C03	4	Disk/Diskette Controller	200.00	3.00
X	X		2270-2(2)		.50MB Dual Removable Diskette Drives Only	4,700.00	49.00
X	X		22C03	4	Disk/Diskette Controller	200.00	3.00
X	X		2270-3(2)		.75MB Triple Removable Diskette Drives Only	6,200.00	64.00
X	X		22C03	4	Disk/Diskette Controller	200.00	3.00
X	X	●	2270A-1(2)		.25MB Wang/3740 Diskette, Single Removable Diskette Drive Only	3,600.00	33.00
X	X		22C03	4	Disk/Diskette Controller	200.00	3.00
X	X	●	2270A-2(2)		.50MB Wang/3740 Diskette, Dual Removable Diskette Drive Only	5,100.00	49.00

● Denotes change from previous price list.

(4) Not needed if directly connected to 2282 Graphic CRT'S.

Compatible With

VP	T	WS	Model	Rating	Description	Unit Price	Monthly Maint. Price
MASS STORAGE PERIPHERALS (CONTINUED)							
X	X		22C03	4	Disk/Diskette Controller	200.00	3.00
X	X		● 2270A-3(2)		.75MB Wang/3740 Diskette, Triple Removable Diskette Drive Only	6,600.00	65.00
X	X		22C03	4	Disk/Diskette Controller	200.00	3.00
X			2280-1(6)	5	13.4 MB Removable and 13.4 MB Fixed Disk Drive (26.8 MB Total) with 22C14 Disk Processing Unit and Disk Controller	19,000.00	206.00
X			2280-2(6)	5	13.4 MB Removable and 40.2 MB Fixed Disk Drive (53.6 MB Total) with 22C14 Disk Processing Unit and Disk Controller	20,000.00	216.00
X			2280-3(6)	5	13.4 MB Removable and 67 MB Fixed Disk Drive (80.4 MB Total) with 22C14 Disk Processing Unit and Disk Controller	21,000.00	227.00
X			2280N-1(7)	5	13.4 MB Removable and 13.4 MB Fixed Disk Drive (26.8 MB Total) Only	17,000.00	184.00
X			2280N-2(7)	5	13.4 MB Removable and 40.2 MB Fixed Disk Drive (53.6 MB Total) Only	18,000.00	195.00
X			2280N-3(7)	5	13.4 Removable and 67 MB Fixed Disk Drive (80.4 MB Total) Only	19,000.00	206.00

- (5) Available for 2260BC series or 2260C series with 22C13.
- (6) Not available with MXA-1 or MXB-1.
- (2) May also be connected to 22C11, 22C31, or 22C32 triple controller if slot is available.
- Denotes change from previous price list.
- (7) Customers must have a 2280 Disk Drive with 22C14 DPU for connection of 2280N Disk Drives.

Compatible With

VP	T	WS	Model	Rating	Description	Unit Price	Monthly Maint. Price
INPUT PERIPHERALS							
X	X		2244B		Hopper Feed Marked Sense/Punched Card Reader With Controller	\$6,500.00	\$81.00
X	X		22D44		Consists of: Hopper Feed Marked Sense/ Punched Card Reader Only	5,500.00	69.00
X	X		22C06B	14	Hopper Feed Card Reader Controller	1,000.00	13.00

Compatible With

VP	T	WS	Model	Rating	Description	Unit Price	Monthly Maint. Price
INTERFACE CONTROLLERS & ACCESSORIES							
X	X		2207A	8	I/O Interface Controller (RS-232-C)	\$ 600.00	\$ 4.00
X	X		2227B	8	Buffered Asynchronous Telecommunications Controller	750.00	17.00
X	X		2227N		Null Modem	50.00	N/C
X	X		2228B	16	Bisynchronous Communications Controller	1,500.00	17.00
X	X		2228C	18	Bisynchronous Communications for IBM 3275 Emulation	1,700.00	19.00
X	X		2228N		Null Modem	50.00	N/C

● Denotes change from previous price list

OPTIONAL FURNITURE

8001-5	WCS Table with CRT Cut Out	\$ 250.00	N/C
8002-5	WCS Table with CRT Cut Out and Diskette Enclosure	500.00	N/C
8006-5	2231W Printer Stand	250.00	N/C
8007-5	WCS Table With CRT Cut Out and Diskette Enclosure (Left Workspace)	500.00	N/C
8009-5	WCS CPU/Peripherals Table	250.00	N/C
8017-5	WCS Table Wedge	150.00	N/C
8056	File Drawer Assembly Kit	250.00	N/C
2291	2232 Flatbed Plotter Stand	350.00	N/C
2297	2260 C Disk Stand	250.00	N/C

GENERAL INFORMATION

All orders for purchase must be accompanied by a standard WANG PURCHASE AGREEMENT to include maintenance.

The basic monthly maintenance charge applies to equipment located within 50 miles of the nearest Wang Service Center. The following surcharges apply beyond 50 miles:

Mileage Surcharge	
Between 51-100 miles	25%
Between 101-150 miles	75%
Over 151 miles	an additional 15%/ 25 miles over 150 miles.

Extended maintenance coverage is available at the following rates:

Extended Coverage Surcharge:*	8 Hours	16 Hours	24 Hours
Monday through Friday		30%	60%
Monday through Saturday	20%	40%	80%
Monday through Sunday	30%	60%	100%

*Subject to prior approval by Area Service Director.

Maintenance will be invoiced on an annual basis if charges are less than \$200.00 per month or \$2,400.00 per year. However, Wang will honor customer requests for monthly billing.

INSTALLATION CHARGE:

There is no installation charge for initial installation of system(s). For add-on equipment (orders that do not include a CPU or Master, i.e., a workable system) there is an installation charge for both Rental and Purchase Equipment as follows: workstations and/or printers — 1% of the purchase price — minimum charge \$100 per order. All other peripherals, devices, disks, memory, software options, etc. — 3% of the purchase price — minimum charge \$100 per order.

Customers are entitled to take the Investment Tax Credit on the purchase of newly manufactured equipment. Wang Laboratories, Inc., as a policy does not pass through the Investment Tax Credit on rentals. By law, customers are not entitled to the Investment Tax Credit on equipment originally rented where the Investment Tax Credit was not originally passed through at the beginning of the rental and where the equipment was subsequently purchased, i.e., conversion of rental to purchase.

SUPPLIES

Consult the Wang Supplies Catalog for product pricing information relating to supplies offered by Wang Laboratories, Inc.

Wang Laboratories reserves the right to change specifications without prior notice.



LABORATORIES, INC.

ONE INDUSTRIAL AVENUE, LOWELL, MASSACHUSETTS 01851, TEL. (617) 459-5000, TWX 710 343-6769, TELEX 94-7421

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LABORATORIES, INC.

PRICE LIST

ONE INDUSTRIAL AVENUE, LOWELL, MASSACHUSETTS 01851, TEL. (617) 459-5000, TWX 710 343-6769, TELEX 94-7421

Effective Date: April 2, 1980

50 STATES AND DISTRICT OF COLUMBIA

F.O.B. Tewksbury, Mass. All Taxes Additional. Prices Subject to Change Without Notice.
 For Alaska: Add 10% to all Equipment and Maintenance Prices.
 For Puerto Rico: Add 4% to all Equipment Prices.

LVP

CPU

Model	Description	Price	Maintenance
2200LVP-8	CPU, 32K User Memory, 3 I/O Slots, 1 MB DSDD Wang/IBM Compatible diskette, and Cabinet	\$ 8,000.00	\$ 80.00
2200LVP-16	Same as above with 64K User Memory	11,000.00	108.00
2200LVP-32	Same as above with 128K User Memory	14,000.00	170.00
"E" Option	Extended Chassis 9 I/O	1,500.00	12.00

DISK DRIVE OPTIONS

Model	Description	Price	Maintenance
B	2 MB Fixed Disk Drive	\$ 3,000.00	\$ 30.00
C	4 MB Fixed Disk Drive	4,200.00	42.00
D	8 MB Fixed Disk Drive	5,700.00	57.00
X	Disk Drive option omitted

ADDITIONAL MEMORY

Model	Description	Price	Maintenance
V3264	32K to 64K Memory Upgrade	\$ 3,000.00	\$ 28.00
V32128	32K to 128K Memory Upgrade	8,000.00	90.00
V64128	64K to 128K Memory Upgrade	5,000.00	62.00

CONFIGURATION/PRICING MODEL

To determine Model, List and Maintenance prices, the chart below is for your assistance. The Model Number for the LVP is arrived at inserting the CPU Model and appropriate Disk Drive Option Model.

Ex: 64K CPU with 4MB Fixed Disk results in a Model number of 2200LVP-16C.

	CPU	MEMORY	DISK	Total Price
MODEL	2200LVP		
LIST PRICE			
MAINT.			

Model	Description	Price	Maintenance
CONSOLES/CONTROLLERS			
2236DE	Interactive Graphic Terminal	\$ 2,700.00	\$ 20.00
2236MXD (1)	4-Port Terminal Multiplexer for 2236DE	1,200.00	10.00
22C32 (1)	Triple Controller for Diskette, Printer and one 2236DE	1,000.00	4.50

(1) Maximum of 1 each

OUTPUT PERIPHERALS

2211M	Printer Multiplexer(maximum 4 CPU and 1 Printer	\$ 1,000.00	\$ 13.00
2221W (2)	Matrix Printer (132 Col./200 CPS, 10p)	5,000.00	60.00
22C02	Printer/Drum Plotter Controller	200.00	2.50
2231W-1 (2)	Matrix Printer (112 Col./120 CPS, 10p)	2,900.00	35.00
22C02	Printer/Drum Plotter Controller	200.00	2.50
2231W-2 (2)	Matrix Printer (132 Col./120 CPS, 12p)	3,200.00	35.00
22C02	Printer/Drum Plotter Controller	200.00	2.50
2231W-3 (2)	2282 Graphic CRT Accessory Matrix Printer	3,800.00	35.00
22C02 (2)	Printer/Drum Plotter Controller	200.00	2.50
2231W-6 (2)	Hi-density Matrix Line Printer (132 Col./70 CPS)	3,300.00	35.00
22C02	Printer/Drum Plotter Controller	200.00	2.50
2232B	Digital Flatbed Plotter (31"x48") with controller consists of:	8,000.00	62.00
22D32	Digital Flatbed Plotter Only	7,800.00	60.00
22C01	Output Writer/Plotter Controller	200.00	2.50
2251 (2)	Line Printer (40 Col./100 CPS)	1,200.00	14.00
22C02	Printer/Drum Plotter Controller	200.00	2.50
2261W (2)	Line Printer (220 LPM Dual Pitch)	7,000.00	75.00
22C02	Printer/Drum Plotter Controller	200.00	2.50
2263-1 (2)	Line Printer (400 LPM, 64 char.)	14,500.00	155.00
22C02	Printer/Drum Plotter Controller	200.00	2.50
2263-2 (2)	Line Printer (600 LPM, 64 char.)	16,000.00	168.00
22C02	Printer/Drum Plotter Controller	200.00	2.50
2263-3 (2)	Line Printer (430 LPM, 96 char.)	17,000.00	180.00
22C02	Printer/Drum Plotter Controller	200.00	2.50
2273-1 (2)	Band Printer (250 LPM)	8,500.00	87.00
22C02	Printer/Drum Plotter Controller	200.00	2.50
2273-2 (2)	Band Printer (600 LPM)	12,000.00	124.00
22C02	Printer/Drum Plotter Controller	200.00	2.50

(2) All printers must be attached to either the 22C02 Controller, directly to the 2236DE Interactive Terminal, or to the 22C11 Dual Controller (Printer & Diskette) or the 22C32 Triple Controller for Diskette, Printer and 2236DE.

Model	Description	Price	Maintenance
OUTPUT PERIPHERALS (continued)			
2281W (2)	Wang Daisy Printer Plotter	\$ 4,500.00	\$ 44.00
22C02	Printer/Drum Plotter Controller	200.00	2.50
OP-123	Mono-Directional Forms Tractor for 2281W	250.00	N/C
BFT-1(3)	Bi-Directional Forms Tractor for 2281W	300.00	N/C
2282 (2)	Graphic CRT Only	3,600.00	19.00
22C02	Printer/Drum Plotter Controller	200.00	2.50
IP41L	Image Printer	32,000.00	453.00
22C02	Printer/Drum Plotter Controller	200.00	2.50
22C11	Dual Controller (Printer/Drum Plotter and Diskette)	300.00	4.00

(3) Necessary for plotting on 2281W.

(2) All printers must be attached to either the 22C02 Controller, directly to the 2236DE Interactive Terminal, or to the 22C11 Dual Controller (Printer & Diskette) or the 22C32 Triple Controller for Diskette, Printer and 2236DE.

INTERFACE CONTROLLERS AND ACCESSORIES

2227B	Buffered Asynchronous Telecommunications Controller	\$ 750.00	\$ 19.00
2227N	Null Modem	50.00	N/C
2228B	Bisynchronous Communications Controller	1,500.00	19.00
2228C	Bisynchronous Communications for IBM 3275 Emulation	1,700.00	22.00
2228N	Null Modem	50.00	N/C

OPTIONAL FURNITURE

8001-5	Table with CRT Cut Out	\$ 250.00	N/C
8006-5	2231W Printer Stand	250.00	N/C
8009-5	CPU/Peripherals Table	250.00	N/C
2291	2232 Flatbed Plotter Stand	350.00	N/C
8017-5	Table Wedge	150.00	N/C

GENERAL INFORMATION

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Mileage Surcharge:	
Between 51 — 100 Miles	25%
Between 101 — 150 Miles	75%
Over 151 Miles	an additional 15%/25 Miles Over 150 Miles

Extended maintenance coverage is available at the following rates:

Extended Coverage Surcharge:*	8 Hours	16 Hours	24 Hours
Monday through Friday	—	30%	60%
Monday through Saturday	20%	40%	80%
Monday through Sunday	30%	60%	100%

*Subject to Prior Approval by Area Service Director.

Maintenance will be invoiced on an annual basis if charges are less than \$200.00 per month or \$2,400.00 per year. However, Wang will honor customer requests for monthly billing.

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SUPPLIES

Consult the Wang Supplies Catalog for product pricing information relating to supplies offered by Wang Laboratories, Inc.

INSTALLATION CHARGE:

There is no installation charge for initial installation of system(s). For add-on equipment (orders that do not include a CPU or Master, i.e., a workable system) there is an installation charge for both Rental and Purchase Equipment as follows: workstations and/or printers - 1% of the purchase price - minimum charge \$75.00 per order. All other peripherals, devices, disks, memory, software options, etc. - 3% of the purchase price - minimum charge \$100 per order.

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LABORATORIES, INC.

ONE INDUSTRIAL AVENUE, LOWELL, MASSACHUSETTS 01851, TEL. (617) 459-5000, TWX 710 343-6769, TELEX 94-7421

PRICE LIST

Effective Date: April 18, 1980

50 STATES AND DISTRICT OF COLUMBIA

F.O.B. Tewksbury, Mass. All Taxes Additional. Prices Subject to Change Without Notice.
 For Alaska: Add 10% to all Equipment and Maintenance Prices.
 For Puerto Rico: Add 4% to all Equipment Prices.

2200 MVP COMPUTER

Model	Description	Unit Price	Monthly Maint. Price
CENTRAL PROCESSOR			
2200MVP CPU			
2200MVP-8	CPU-32K Memory, 9 I/O Slots, with Extended configuration chassis (equivalent to V3264)	\$ 9,000.00	\$ 81.00
2200MVP-16	Same as above with 64K (equivalent to V3296)	12,000.00	107.00
2200MVP-32	Same as above with 128K (equivalent to V64192)	15,000.00	172.00
2200MVP-48	Same as above with 192K (equivalent to V64256)	18,000.00	220.00
2200MVP-64	Same as above with 256K (equivalent to 2V128256)	21,000.00	268.00
"A" Option	Extended configuration chassis	500.00	6.00

MVP MEMORY

UPGRADE PRICE MATRIX

From	To	32K	64K	128K	192K	256K
16K Model #		\$2,000.00 V1632	\$5,000.00 V1664	\$10,000.00 V16128	\$13,000.00 V16192	\$18,000.00 V16256
32K Model #		N/A	3,000.00 V3264	8,000.00 V32128	11,000.00 V32192	16,000.00 V32256
48K Model #		N/A	2,000.00 V4864	7,000.00 V48128	10,000.00 V48192	15,000.00 V48256
64K Model #		N/A	N/A	5,000.00 V64128	8,000.00 V64192	13,000.00 V64256

INSTALLATION CHARGE:

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Example:

To upgrade 32K MVP to 192K, find 32K row, look across to 192K column — Cost \$11,000 — Model #V32192. Maintenance per month — difference in respective CPU Monthly Maintenance Prices.

MVP MEMORY (CONTINUED)

UPGRADE PRICE MATRIX

From	To	32K	64K	128K	192K	256K
96K Model #		N/A	N/A	\$3,000.00 V96128	\$ 8,000.00 V96192	\$11,000.00 V96256
128K Model #		N/A	N/A	N/A	5,000.00 V128192	8,000.00 V128256
192K Model #		N/A	N/A	N/A	N/A	5,000.00 V192256

Model	Rating	Description	Unit Price	Monthly Maint. Price
INPUT/OUTPUT MONITOR AND TERMINAL				
2236DE		Interactive Terminal Only	\$ 2,700.00	\$ 20.00
2236MXD(1)	18	4-Port Terminal Multiplexer for 2236DE	1,200.00	10.00
22C32	18	Triple Controller for Diskette, Printer, and one 2236DE	1,000.00	6.00

OUTPUT PERIPHERALS

2211M		Printer Multiplexer (maximum 4 CPU and 1 Printer)	\$ 1,000.00	\$ 13.00
2221W(3)		Matrix Printer (132 Col./200 CPS, 10 p) Only	5,000.00	60.00
●22C02	6	Printer/Drum Plotter Controller	200.00	2.50
2231W-1(3)		Matrix Printer (112 Col./120 CPS, 10 p) Only	2,900.00	35.00
●22C02	6	Printer/Drum Plotter Controller	200.00	2.50
2231W-2(3)		Matrix Printer (132 Col./120 CPS, 12 p) Only	3,200.00	35.00
●22C02	6	Printer/Drum Plotter Controller	200.00	2.50
2231W-3		2282 Graphic CRT Accessory Matrix Printer Only	3,800.00	35.00
●22C02(2)	6	Printer/Drum Plotter Controller	200.00	2.50
2231W-6(3)		Hi-density Matrix Line Printer (132 Col./70 CPS) Only	3,300.00	35.00
●22C02	6	Printer/Drum Plotter Controller	200.00	2.50
2232B		Digital Flatbed Plotter (31" x 48") with controller consists of:	8,000.00	62.00
22D32		Digital Flatbed-Plotter Only	7,800.00	60.00
●22C01	8	Output Writer/Plotter Controller	200.00	2.50
2251(3)		Line Printer (40 Col./110 CPS) Only	1,200.00	14.00
●22C02	6	Printer/Drum Plotter Controller	200.00	2.50
2261W(3)		Matrix Line Printer (220 LPM Dual Pitch) Only	7,000.00	75.00
●22C02	6	Printer/Drum Plotter Controller	200.00	2.50
2263-1(3)		Line Printer (400 LPM, 64 char.) Only	14,500.00	155.00
●22C02	6	Printer/Drum Plotter Controller	200.00	2.50
2263-2(3)		Line Printer (600 LPM, 64 char.) Only	16,000.00	168.00
●22C02	6	Printer/Drum Plotter Controller	200.00	2.50
2263-3(3)		Line Printer (430 LPM, 96 char.) Only	17,000.00	180.00
●22C02	6	Printer/Drum Plotter Controller	200.00	2.50
2273-1(3)		Band Printer (250 LPM) Only	8,500.00	87.00
●22C02	6	Printer/Drum Plotter Controller	200.00	2.50
2273-2(3)		Band Printer (600 LPM) Only	12,000.00	124.00
●22C02	6	Printer/Drum Plotter Controller	200.00	2.50

● Denotes change from previous price list.

(1) A maximum of two 2236 MXD's may be attached to a 2200MVP computer system.

(2) Not needed if directly connected to 2282 Graphic CRT.

(3) All printers must be attached to either the 22C02 controller, directly to the 2236DE Interactive Terminal, or to the 22C11 Dual Controller (Print + Diskette) or the 22C32 Triple Controller for Diskette Printer and 2236DE.

Model	Rating	Description	Unit Price	Monthly Maint. Price
OUTPUT PERIPHERALS (CONTINUED)				
2281W(3)		Wang Daisy Printer Plotter (30 cps) Only	\$ 4,500.00	\$ 44.00
●22C02	6	Printer/Drum Plotter Controller	200.00	2.50
OP-123		Mono-Directional Forms Tractor for 2281W	250.00	N/C
BFT-1(4)	6	Bi-Directional Forms Tractor for 2281W	300.00	N/C
2282(3)		Graphic CRT Only	3,600.00	19.00
●22C02	6	Printer/Drum Plotter Controller	200.00	2.50
IP41L(3)		Image Printer	32,000.00	453.00
●22C02	6	Printer/Drum Plotter Controller	200.00	2.50
●22C11	5	Dual Controller (Printer/Drum Plotter and Diskette)	300.00	3.50

MASS STORAGE PERIPHERALS

2209A	17	1600 BPI 9-Track Tape Drive With Controller	\$15,000.00	\$119.00
●2230MXA-1(5)	8	Master Daisy Chain Disk Multiplexer Controller	800.00	4.50
●2230MXB-1(5)	5	Slave Daisy Chain Disk Multiplexer Controller	500.00	2.50
2260BC-1/4	28	1.25MB-F + 1.25MB-R Disk Drive with 22C13 Disk Controller and 2297 Stand	8,000.00	108.00
2260BC-1/2	28	2.5MB-F + 2.5MB-R Disk Drive with 22C13 Disk Controller and 2297 Stand	10,000.00	108.00
2260BC	28	5MB-F + 5MB-R Disk Drive with 22C13 Disk Controller and 2297 Stand	12,000.00	108.00
2260BC-2	28	Dual 5MB-F + 5MB-R Disk Drives with 22C13 Disk Controller and 2297 Stand	19,000.00	173.00
2260C-1/4	28	1.25MB-F + 1.25MB-R Disk Drive with 22C12 Disk Controller and 2297 Stand	7,200.00	108.00
2260C-1/2	28	2.5MB-F + 2.5MB-R Disk Drive with 22C12 Disk Controller and 2297 Stand	9,200.00	108.00
2260C	28	5MB-F + 5MB-R Disk Drive with 22C12 Disk Controller and 2297 Stand	11,200.00	108.00
2260C-2	28	Dual 5MB-F + 5MB-R Disk Drives with 22C12 Disk Controller and 2297 Stands	18,400.00	173.00
2270A-1		.25MB Wang/3740 Compatible Single Removable Diskette Drive Only	3,600.00	33.00
●22C03	4	Disk/Diskette Controller	200.00	2.50
2270A-2		.50MB Wang/3740 Compatible Dual Remova- ble Diskette Drive Only	5,100.00	49.00
●22C03	4	Disk/Diskette Controller	200.00	2.50
2270A-3		.75MB Wang/3740 Compatible Triple Removable Diskette Drive Only	6,600.00	65.00
●22C03	4	Disk/Diskette Controller	200.00	2.50
2280-1(6)	5	13.4 MB Removable and 13.4 MB Fixed Disk Drive (26.8 MB Total) with 22C14 Disk Processing Unit and Disk Controller	19,000.00	206.00
2280-2(6)	5	13.4 MB Removable and 40.2 MB Fixed Disk Drive (53.6 MB Total) with 22C14 Disk Processing Unit and Disk Controller	20,000.00	216.00
2280-3(6)	5	13.4 MB Removable and 67 MB Fixed Disk Drive (80.4 MB Total) with 22C14 Disk Processing Unit and Disk Controller	21,000.00	227.00

● Denotes change from previous price list.

(3) All printers must be attached to either the 22C02 controller, directly to the 2236DE Interactive Terminal, or to the 22C11 Dual Controller (Printer & Diskette) or the 22C32 triple controller for Diskette, Printer and 2236DE.

(4) Necessary for plotting a 2281W.

(5) Available for 2260BC Series (or 2260C Series with 22C13).

(6) Not available with MXA-1 and MXB-1

Model	Rating	Description	Unit Price	Monthly Maint. Price
MASS STORAGE PERIPHERALS (CONTINUED)				
2280N-1(7)	5	13.4 MB Removable and 13.4 MB Fixed Disk Drive (26.8 MB Total) Only	\$17,000.00	\$184.00
2280N-2(7)	5	13.4 MB Removable and 40.2 MB Fixed Disk Drive (53.6 MB Total) Only	18,000.00	195.00
2280N-3(7)	5	13.4 MB Removable and 67 MB Fixed Disk Drive (80.4 MB Total) Only	19,000.00	206.00
● 22C11	5	Dual Controller (Printer/Drum Plotter and Diskette)	300.00	3.50

INTERFACE CONTROLLER & ACCESSORIES

2227B	8	Buffered Asynchronous Telecommunications Controller	\$ 750.00	\$ 17.00
2227N		Null Modem	50.00	N/C
2228B	16	Bisynchronous Communications Controller	1,500.00	17.00
2228C	18	Bisynchronous Communications for IBM 3275 Emulation	1,700.00	19.00
2228N		Null Modem	50.00	N/C

INPUT PERIPHERALS

2244B		Hopper Feed Sense/Punched Card Reader with Controller	\$ 6,500.00	\$ 81.00
22D44		Hopper Feed Sense/Punched Card Reader Only	5,500.00	69.00
22C06B	14	Hopper Feed Card Reader Controller	1,000.00	13.00

OPTIONAL FURNITURE (CREAM BULLNOSE TOPS AND CHARCOAL LEGS)

8001-5		WCS Table with CRT Cut Out	\$ 250.00	\$ N/C
8002-5		WCS TABLE with CRT Cut Out and Diskette Enclosure	500.00	N/C
8006-5		2231W Printer Stand	250.00	N/C
8007-5		WCS TABLE With CRT Cut Out and Diskette Enclosure (Left Workspace)	500.00	N/C
8009-5		WCS CPU/Peripherals Table	250.00	N/C
8017-5		WCS Table Wedge	150.00	N/C
8056		File Drawer Assembly Kit for 8002-5 and 8007-5	250.00	N/C
2291		2232 Flatbed Plotter Stand	350.00	N/C
2297		2260 C Disk Stand	250.00	N/C

(7) Customer must have a 2280 Disk Drive with 2214C Disk Processing Unit for connection of 2280N Disk Drive.

NOTE: Any printer and one 2270A diskette drive may be attached to the 22C11 Dual Controller (Printer/Drum Plotter and Diskette).

GENERAL INFORMATION

All orders for purchase must be accompanied by a standard WANG PURCHASE AGREEMENT to include maintenance.

The basic monthly maintenance charge applies to equipment located within 50 miles of the nearest Wang Service Center. The following surcharges apply beyond 50 miles:

Mileage Surcharge	
Between 51-100 Miles	25%
Between 101-150 Miles	75%
Over 151 Miles	an additional 15%/25 Miles over 150 Miles

Extended maintenance coverage is available at the following rates:

Extended Coverage Surcharge:*	8 Hours	16 Hours	24 Hours
Monday through Friday		30%	60%
Monday through Saturday	20%	40%	80%
Monday through Sunday	30%	60%	100%

*Subject to Prior Approval by Area Service Director.

Maintenance will be invoiced on an annual basis if charges are less than \$200.00 per month or \$2,400.00 per year. However, Wang will honor customer requests for monthly billing.

Customers are entitled to take the Investment Tax Credit on the purchase of newly manufactured equipment. Wang Laboratories, Inc., as a policy does not pass through the Investment Tax Credit on rentals. By law, customers are not entitled to the Investment Tax Credit on equipment originally rented where the Investment Tax Credit was not originally passed through at the beginning of the rental and where the equipment was subsequently purchased, i.e., conversion of rental to purchase.

INSTALLATION CHARGE

There is no Installation Charge for initial installation of system(s). For add-on equipment (orders that do not include a CPU or master, i.e., a workable system) there is an installation charge for *both* rental and purchase equipment as follows: workstations and/or printers — 1% of the purchase price — minimum charge \$100. All other peripheral devices, disks, memory, software options, etc., — 3% of the purchase price — minimum charge \$100.

SUPPLIES

Consult the Wang Supplies Catalog for Product Pricing Information relating to supplies offered by Wang Laboratories, Inc.

Wang Laboratories reserves the right to change specifications without prior notice.

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LABORATORIES, INC.

ONE INDUSTRIAL AVENUE, LOWELL, MASSACHUSETTS 01851, TEL. (617) 459-5000, TWX 710 343-6789, TELEX 94-7421

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ONE INDUSTRIAL AVENUE, LOWELL, MASSACHUSETTS 01851, TEL. (617) 459-6000, TWX 710 343-6769, TELEX 94-7421

PRICE LIST

Effective Date: April 18, 1980

50 STATES AND DISTRICT OF COLUMBIA

F.O.B. Tewksbury, Mass. All Taxes Additional. Prices Subject to Change Without Notice.

For Alaska: Add 10% to all Equipment and Maintenance Prices.

For Puerto Rico: Add 4% to all Equipment Prices.

SVP

CPU

Model	Description	Price	Maintenance
2200 SVP-8	32K CPU, 500K Single Sided Double Density Wang/3741 Compatible Diskette	\$ 6,000.00	\$ 68.00
2200 SVP-16	64K CPU, 500K Single Sided Double Density Wang/3741 Compatible Diskette	9,000.00	95.00

DISK DRIVE OPTIONS

A	Additional 500K, Single Sided Double Density Diskette	\$ 1,200.00	\$14.00
B	2 MB Fixed Disk Drive	3,000.00	30.00
C	4 MB Fixed Disk Drive	4,200.00	42.00
X	Disk Drive option omitted	--	--

CONFIGURATION/PRICING MODEL

To determine Model, List and Maintenance prices, the chart below is for your assistance. The Model Number for the SVP is arrived at inserting the CPU Model and appropriate Disk Drive Option Model.

Ex: 64K CPU with 4MB Fixed Disk results in a Model number of 2200SVP-16C.

	CPU	MEMORY	DISK	Total Price
MODEL	2200SVP			---
LIST PRICE	---			
MAINT.	---			

ADDITIONAL MEMORY

V3264	32K to 64K Memory Upgrade	\$ 3,000.00	\$ 28.00
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CONSOLES/CONTROLLERS

2236DE (1)	Interactive Graphic Terminal	\$ 2,700.00	\$ 20.00
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OUTPUT PERIPHERALS

2211M	Printer Multiplexer (maximum 4 CPU and 1 Printer)	\$ 1,000.00	\$ 13.00
2221W	Matrix Printer (132 Col./200 CPS, 10p)	5,000.00	60.00
2231W-1	Matrix Printer (112 Col./120 CPS, 10p)	2,900.00	35.00
2231W-2	Matrix Printer (132 Col./120 CPS, 12p)	3,200.00	35.00
2231W-3	2282 Graphic CRT Accessory Matrix Printer	3,800.00	35.00

OUTPUT PERIPHERALS (CONTINUED)

Model	Description	Price	Maintenance
2231W-6	Hi-density Matrix Line Printer (132 Col./70 CPS)	3,300.00	35.00
2251	Line Printer (40 Col./100 CPS)	1,200.00	14.00
2261W	Line Printer (220 LPM Dual Pitch)	7,000.00	75.00
2263-1	Line Printer (400 LPM, 64 Char.)	14,500.00	155.00
2263-2	Line Printer (600 LPM, 64 Char.)	16,000.00	168.00
2263-3	Line Printer (430 LPM, 96 Char.)	17,000.00	180.00
2273-1	Band Printer (250 LPM)	8,500.00	87.00
2273-2	Band Printer (600 LPM)	12,000.00	124.00
2281W	Wang Daisy Printer Plotter	4,500.00	44.00
OP-123	Mono-Directional Forms Tractor for 2281W	250.00	N/C
BFT-1 (2)	Bi-Directional Forms Tractor for 2281W	300.00	N/C
2282	Graphic CRT Only	3,600.00	19.00
IP41L	Image Printer	32,000.00	453.00

INTERFACE CONTROLLERS AND ACCESSORIES

OP27B	Buffered Asynchronous Telecommunications Controller	\$ 750.00	\$ 19.00
OP28B	Bisynchronous Communications Controller	1,500.00	19.00
OP28C	Bisynchronous Communications Controller for IBM 3275 Emulation	1,700.00	22.00

- (1) One per system
 (2) Necessary for plotting on 2281W.

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