

## IBM System/3

► **Order Writing and Invoicing**  
Inventory Accounting and Management  
Accounts Receivable  
Sales Analysis

**APPLICATION PROGRAMMING SERVICE:** This IBM service, introduced in September 1971, enables System/3 Model 6 and Model 10 users to have their basic business application programs designed, generated, tested, and documented by IBM Systems Engineers at fixed prices. The service currently covers four applications: Order Writing and Invoicing, Accounts Receivable, Inventory Accounting and Management, and Sales Analysis.

The Application Programming Service consists of four main steps. First, the user and an IBM representative fill out questionnaires defining the application and the formats of the required reports. Second, IBM processes the information at its Application Customizing Center to generate the required programs. Third, IBM tests the programs to make sure they produce the agreed-upon results, using test data and machine time provided by the user. Fourth, IBM turns over the tested application programs and associated documentation to the user.

**APPLICATION PROGRAMS:** In addition to the two services described above, IBM offers a limited number of packaged programs for specific applications. The current Application Program Products, which receive centralized IBM support, are listed in the price list at the end of this report. Also available are a variety of Field Developed Programs (FDP's) and Installed User Program (IUP's). Support for the FDP's and IUP's is limited to pertinent error-correction information during the first six months after initial availability of each program.

Other sources of programs, technical information, and education are the System/3 user groups. Two IBM-affiliated user groups, COMMON and Guidance International, are open to System/3 users. Moreover, at least two independent organizations, Group 3 and the National Association of IBM System/3 Users, have been formed specifically to aid System/3 users.

**PRICING**

**POLICY:** IBM offers the System/3 on a purchase, month-to-month rental, or lease basis. The standard IBM LRA (lease/rental) contract includes equipment maintenance and entitles the customer to up to 176 hours of billable time per month. Time used in excess of that amount is billed, for most System/3 components, at an extra-use rate of 10% of the basic hourly rate, (i.e., 10% of 1/176 of the monthly rental for each hour of extra use).

The LRA agreement provides users with a single contract on which they can specify mixtures of rental and leased equipment, each with various terms. CPU's rented under the plan can be terminated or downgraded on 90 days' notice, and all other rented equipment can be terminated or downgraded on 30 days' notice. Base terms and extension terms are specified for each piece of equipment obtained through a leasing agreement.

Generally, the base term and extension terms for the System/3 processor models are a three-year basic term followed by one-year extension terms. Accruals toward purchase of up to 50 percent of the purchase price are permitted during the first base term (36 months) of a lease contract. The agreement includes upper-limit price protection for both lease and purchase contracts. Specified maximum second-year and third-year lease and purchase prices correspond to annual increases of about 5 percent.

**SOFTWARE:** System/3 users receive the basic System Control Programs at no additional cost. All other IBM soft-

ware, including compilers and utility routines, is priced separately. Prices of the current IBM Program Products are listed at the end of this report.

**SUPPORT:** IBM Systems Engineering assistance is available to System/3 users at a basic charge of \$33.00 per hour.

**EDUCATION:** Two-day introductory courses are offered at no charge. Various other System/3 courses are available at separate charges.

**MAINTENANCE:** The IBM System/3 is leased to the user under rental plan A, which entitles the user to maintenance for 24 hours per day, 7 days per week.

For purchased systems, the IBM System/3 is under maintenance group D. The minimum period of maintenance service is 9 consecutive hours between 7:00 a.m. and 6:00 p.m., Monday through Friday. Charges for maintenance coverage outside this period are based upon the following percentages of the minimum monthly maintenance charge (MMC) added to the MMC:

	Consecutive hours								
	9*	12	16	20	24				
Monday-Friday (until 8:00 a.m. Saturday)	10	12	14	16	18				
Saturday (until 8:00 a.m. Sunday)	4	5	7	8	9				
Sunday (until 8:00 a.m. Monday)	5	7	9	11	12				

\*Outside of the hours 7:00 a.m. to 6:00 p.m.

For users without a maintenance contract, the System/3 is maintained under per-call class 2. Under this class the per-call charge during regular hours is \$58.00 per hour, and during off hours the charge is \$67.00 per hour. The hourly rate for systems engineering service is \$47.50.

**EQUIPMENT:** The following typical purchase prices include controllers and adapters.

**System/3 Model 4**

**MINIMUM SYSTEM:** Consists of 64K 5404 Processing Unit, one 5447 Disk Storage Drive and Control, one 5213 Model 3 Printer, one 3277 Model 1 Display Station, and one 78-key operator console keyboard. Purchase price, \$33,867.

**System/3 Model 8**

**MINIMUM SYSTEM:** Consists of 16K 5408 Processing Unit, 5444 Model A1 Disk Storage Drive, 5203-1 Printer, and 5471 Printer-Keyboard. Purchase price, \$43,520.

**MINIMUM DATA STATION SYSTEM:** Consists of 16K 5408 Processing Unit, 5444 Model A1 Disk Storage Drive, 5203-2 Printer, and a directly attached 3741 Data Station. Purchase price, \$53,785.

**System/3 Model 10**

**TYPICAL DISK SYSTEM:** Consists of 12K 5410 Processing Unit, 5424 Model A2 MFCU, 5203 Model 2 Printer (with 120 print positions), 5471 Printer-Keyboard, and one 5444 Model 2 Disk Storage Drive (4.90 million bytes). Purchase price, \$63,655.

**System/3 Model 12**

**MINIMUM SYSTEM:** Consists of 32K 5412 Processing Unit, 5424 Model A2 MFCU, 5203 Model 1 Printer, and 3340 Model C2 DASF. Purchase price, \$95,026. ►

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### ► System/3 Model 15

**MINIMUM SYSTEM:** The basic configuration required to utilize the Model 15 processing support consists of a 5415 Model A17 Processing Unit (48K bytes), 3277 Model 1 Display Station, 1403 Model 5 Printer, 5424 Model A1 MFCU, and one 5444 Model A2 Disk Storage Drive, plus all necessary attachments and control units. Purchase price, \$110,901.

**EXPANDED SYSTEM:** A typical large Model 15 disk system consists of a 5415 Model A20 Processing Unit (128K bytes), 3277 Model 1 Display Station, 1403 Model N1 Printer, 2560 Model A1 MFCM, 2501 Model A2 Card Reader, one 5444 Model A2 Disk Storage Drive, and four 5445 Disk Storage Drives, plus all necessary attachments and control units. Purchase price, \$228,995. ■

## EQUIPMENT PRICES

		Monthly Charges					
		<u>Purchase Price</u>	<u>Monthly Maint.</u>	<u>Rental*</u>	<u>3-Year Lease*</u>	<u>2-Year Lease*</u>	<u>1-Year Lease*</u>
<b>PROCESSORS AND MAIN STORAGE</b>							
5404	Processing Unit (for Model 4 systems): Model A18; 65,536 bytes	\$ 13,790	\$168.00	\$ 691	\$ 628	—	—
5406	Processing Unit (for Model 6 systems): Model B2; 8,192 bytes Model B3; 12,288 bytes Model B4; 16,384 bytes	20,190 23,140 23,490	130.00 136.00 136.00	778 932 1,081	707 847 983	—	—
1550	Command Keys (9-16)	765	0.50	24	22	—	—
5408	Processing Unit (for Model 8 systems): Model A14; 16,384 bytes Model A16; 32,768 bytes Model A17; 49,152 bytes Model A18; 65,536 bytes	19,540 20,715 21,890 23,065	100.00 105.00 110.00 115.00	742 809 876 943	675 736 797 858	—	—
5410	Processing Unit (for Model 10 non-disk systems): Model A2; 8,192 bytes Model A3; 12,288 bytes Model A4; 16,384 bytes Model A5; 24,576 bytes Model A6; 32,768 bytes Model A7; 49,152 bytes	11,310 14,260 14,610 23,360 23,710 32,810	43.00 47.50 47.50 63.50 63.50 88.00	431 570 732 1,055 1,364 1,777	392 518 665 959 1,240 1,615	—	—
5410	Processing Unit (for Model 10 disk systems): Model A12; 8,192 bytes Model A13; 12,288 bytes Model A14; 16,384 bytes Model A15; 24,576 bytes Model A16; 32,768 bytes Model A17; 49,152 bytes	15,850 18,800 19,150 27,900 28,250 37,350	94.50 99.00 99.00 115.00 115.00 140.00	608 745 904 1,221 1,535 1,942	553 677 822 1,110 1,395 1,765	—	—
5412	Processing Unit (for Model 12 systems): Model B16; 32,768 bytes Model B17; 49,152 bytes Model B18; 65,536 bytes Model C19; 81,920 bytes Model C20; 98,304 bytes	36,680 37,885 39,030 45,855 47,030	223.00 228.00 233.00 243.00 248.00	1,457 1,524 1,591 1,815 1,882	1,325 1,386 1,447 1,651 1,712	—	—
5415	Processing Unit (for Model 15 systems without 3340): Model A17; 49,152 bytes Model A18; 65,536 bytes Model A19; 98,304 bytes Model A20; 131,072 bytes	56,020 57,195 61,245 63,595	204.00 209.00 214.00 223.00	1,859 1,926 2,125 2,259	1,690 1,751 1,933 2,055	—	—
5415	Processing Unit (for Model 15 systems with 3340): Model B17; 49,152 bytes Model B18; 65,536 bytes Model B19; 98,304 bytes Model B20; 131,072 bytes Model C21; 163,840 bytes Model C22; 196,608 bytes Model C23; 229,376 bytes Model C24; 262,144 bytes Model D19; 98,304 bytes Model D20; 131,072 bytes Model D21; 163,840 bytes Model D22; 196,608 bytes Model D23; 229,376 bytes Model D24; 262,144 bytes Model D25; 393,216 bytes Model D26; 524,288 bytes	81,800 82,975 87,025 89,375 95,890 98,240 100,590 102,940 94,760 97,110 101,160 103,510 105,860 108,210 120,810 130,210	212.00 216.00 221.00 230.00 234.00 239.00 243.00 252.00 239.00 248.00 252.00 257.00 261.00 270.00 349.00 389.00	2,635 2,702 2,901 3,035 3,353 3,487 3,621 3,751 3,162 3,296 3,495 3,629 3,763 3,897 4,453 4,969	2,393 2,456 2,638 2,760 3,047 3,169 3,291 3,413 2,874 2,996 3,178 3,300 3,422 3,544 4,049 4,518	—	—
<b>PROCESSOR OPTIONS AND ATTACHMENTS</b>							
For Model 4:							
3960	5203 Printer Base Attachment; for 115-cps printing	2,700	25.50	156	142	—	—
7081	Serial I/O Channel	4,380	6.00	195	177	—	—

\*Prices include equipment maintenance.

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## EQUIPMENT PRICES

## Monthly Charges

		<u>Purchase Price</u>	<u>Monthly Maint.</u>	<u>Rental*</u>	<u>3-Year Lease*</u>	<u>2-Year Lease*</u>	<u>1-Year Lease*</u>
<b>PROCESSOR OPTIONS AND ATTACHMENTS (Continued)</b>							
For Model 6:							
1550	Command Keys 9 through 16	689	0.50	24	22	—	—
3210	5496 Data Recorder Attachment	1,375	2.00	50	46	—	—
3901	Printer Attachment for 5213 Model 1	2,410	19.50	88	80	—	—
3902	For Model 2	2,410	19.50	88	80	—	—
3903	For Model 3	2,410	19.50	88	80	—	—
3960	5203 Printer Base Attachment; for 115-cps printing	2,700	22.00	156	142	—	—
5732	Processing Unit Expansion A; required for any combination of 7081 Serial I/O Channel, 2074 BSCA, 4765 LCA, or 3741 Attachment (8220)	972	6.50	41	37	—	—
6378	Second Disk Attachment for 5444 Model 3 or second Model 2	1,420	5.00	56	51	—	—
7081	Serial I/O Channel	4,380	5.00	195	177	—	—
7951	Printer Attachment for 2222 Model 1	2,410	19.50	88	80	—	—
7952	For Model 2	2,410	19.50	88	80	—	—
7960	Display Station Attachment	2,580	1.50	98	89	—	—
8220	3741 Display Station/Programmable Work Station Attachment	4,525	16.00	233	212	—	—
For Model 8:							
3480	Dual Feed Carriage Control; for 5203 Printer	727	1.00	31	29	—	—
3500	Dual Programming Feature	3,220	1.00	144	131	—	—
3960	5203 Printer Base Attachment	1,290	7.50	49	45	—	—
3970	5203 Printer Speed Attachment; for Model 1 or 2	554	3.00	19	18	—	—
3972	For Model 3	1,400	6.50	67	61	—	—
4040	5448 Disk File Attachment	2,590	24.00	131	119	—	—
4110	5741 Printer Keyboard Attachment	1,670	5.00	65	59	—	—
4701	Magnetic Tape Base Attachment	1,105	2.50	58	53	—	—
5732	Processing Unit Expansion A; required for 7081 Serial I/O Channel or 2074 BSCA	972	6.50	41	37	—	—
5733	Processing Unit Expansion B; requires 5732	451	0.50	23	21	—	—
6378	Second Disk Attachment; for 5444 Model 3 or second Model 2	1,970	6.00	79	72	—	—
7081	Serial I/O Channel	4,380	5.00	195	177	—	—
7960	3411 Magnetic Tape Attachment	2,740	7.50	150	136	—	—
8220	3741 Display Station/Programmable Work Station Attachment	4,525	15.50	233	212	—	—
For Model 10:							
3480	Dual Feed Carriage Control; for 5203 Printer	727	1.00	31	29	—	—
3500	Dual Programming Feature	3,220	1.00	144	131	—	—
3901	First 5445 Attachment	14,060	32.00	616	560	—	—
3902	Second 5445 Attachment; requires 3901	422	1.00	17	15	—	—
3970	5203 Printer Attachment for Model 1	1,845	10.50	68	63	—	—
3971	For Model 2	1,845	10.50	70	64	—	—
3972	For Model 3	2,690	14.00	116	106	—	—
4040	5448 Disk File Attachment	2,590	24.00	131	119	—	—
4100	5424 MFCU Attachment for Model A1	3,125	13.50	102	93	—	—
4101	For Model A2; requires 4100	3,758	15.50	120	110	—	—
4110	5741 Printer Keyboard Attachment	1,670	5.00	65	59	—	—
4120	Data Entry Keyboard Attachment	1,875	1.00	58	53	—	—
4130	1442 Card Reader/Punch Attachment; for Models 6 and 7	4,890	14.50	233	212	—	—
4140	1403 Printer Attachment for Model 2	2,900	20.50	145	132	—	—
4150	For Model 1	3,175	20.50	213	193	—	—
4501	Higher Performance First Disk Attachment	554	1.00	24	22	—	—
4502	Second Disk Attachment	554	1.00	23	21	—	—
5501	Power Supply Expansion; provides additional 6-volt power	1,580	1.00	61	55	—	—
5732	Processing Unit Expansion A; required for any combination of RPQ 1442, 5445, 3411, or 3741 attachments	1,285	3.00	44	40	—	—
5733	Processing Unit Expansion B	451	.50	23	21	—	—
5734	Processing Unit Expansion C	1,550	1.00	66	60	—	—
5735	Processing Unit Expansion D	451	1.00	23	21	—	—
6378	Second Disk Attachment; for 5444 Model 3 or second Model 2	1,420	5.00	56	51	—	—
7081	Serial I/O Channel	4,380	5.50	195	177	—	—
7951	3411 Magnetic Tape Attachment	3,370	9.50	196	178	—	—
8220	3741 Display Station/Programmable Work Station Attachment	4,525	15.50	223	212	—	—
8642	Universal Character Set Control; for 6639 on 5203 Printer	269	1.00	16	15	—	—
For Model 12:							
3480	Dual Feed Carriage Control	727	1.00	31	29	—	—
3500	Dual Programming Feature	3,220	1.00	144	131	—	—
3960	5203 Printer Base Attachment	1,290	7.50	49	45	—	—
3970	5203 Printer Attachment for Model 1 and 2; requires 3960	554	3.00	19	18	—	—
3972	For Model 3; requires 3960	1,400	6.50	67	61	—	—
4100	5424 MFCU Attachment for Model A1	3,125	13.50	102	93	—	—
4101	For Model A2; requires 4100	633	2.00	18	17	—	—
4110	5741 Printer Keyboard Attachment	1,670	5.00	65	59	—	—
4130	1442 Card Reader/Punch Attachment; for Models 6 and 7	4,890	14.50	233	212	—	—
4135	1403 Printer Attachment for Model 5	159	1.50	7	7	—	—
4140	For Model 2	414	1.50	18	17	—	—
4150	For Model N1	693	1.50	86	78	—	—
4160	1403 Printer Base Attachment	2,485	19.00	127	115	—	—
4701	Magnetic Tape Base Attachment	1,105	2.50	58	53	—	—

\*Prices include equipment maintenance.

## IBM System/3

### EQUIPMENT PRICES

#### Monthly Charges

		<u>Purchase Price</u>	<u>Monthly Maint.</u>	<u>Rental*</u>	<u>3-Year Lease*</u>	<u>2-Year Lease*</u>	<u>1-Year Lease*</u>
<b>PROCESSOR OPTIONS AND ATTACHMENTS (Continued)</b>							
5501	Power Supply Expansion; provides 6-volt power	1,580	1.00	61	55	—	—
5502	Provides 24-volt power	635	1.00	21	19	—	—
5732	Processing Unit Expansion A; required for any combination of 3411, 8220, card reader, or 7801	1,285	3.00	44	40	—	—
5733	Processing Unit Expansion B	451	.50	23	21	—	—
5734	Processing Unit Expansion C	1,550	1.00	66	60	—	—
5735	Processing Unit Expansion D	451	1.00	23	21	—	—
7081	Serial I/O Channel	4,380	5.50	195	177	—	—
7960	3411 Magnetic Tape Attachment	2,740	7.50	150	136	—	—
8220	3741 Display Station/Programmable Work Station Attachment	4,525	15.50	233	212	—	—
8642	Universal Character Set Control; for 6639 on 5203 Printer	269	1.00	16	15	—	—
For Model 15:							
1580	Card Print Control for 2560	1,165	3.00	30	28	—	—
1601	Channel Terminator	2,185	1.00	54	49	—	—
3901	First 5445 Attachment	14,060	32.00	616	560	—	—
3903	Second 5445 Attachment	2,700	1.00	92	84	—	—
4100	5424 MFCU Attachment for Model A1	3,125	13.50	102	93	—	—
4101	For Model A2; requires 4100	633	2.00	17	16	—	—
4130	1442 Card Reader/Punch Attachment; for Models 6 and 7	4,890	14.50	233	212	—	—
4135	1403 Printer Attachment for Model 5	159	1.50	7	7	—	—
4140	For Model 2	414	1.50	18	17	—	—
4150	For Model N1	693	1.50	86	78	—	—
4160	1403 Printer Base Attachment	2,485	19.00	127	115	—	—
5501	Power Supply Expansion; provides 6-volt power	1,580	1.00	61	55	—	—
5502	Provides 24-volt power	635	1.00	21	19	—	—
5733	Processing Unit Expansion 1	451	.50	23	21	—	—
5734	Processing Unit Expansion 2	1,550	1.00	66	60	—	—
5735	Processing Unit Expansion 3	451	1.00	23	21	—	—
5813/14	DDS Adapter	756	4.50	25	23	—	—
6378	Second Disk Attachment; for 5444 Model 3 or second Model 2	1,970	6.00	79	72	—	—
7081	Serial I/O Channel	4,380	6.00	195	177	—	—
7901	3284/3287 Printer Attachment	1,050	3.00	30	28	—	—
7951	3411 Magnetic Tape Attachment	3,370	9.50	196	178	—	—
8090	2501 Card Reader Attachment	6,270	7.00	185	168	—	—
8100	2560 MFCM Attachment	5,890	15.50	185	168	—	—
8220	3741 Display Station/Programmable Work Station Attachment	4,525	15.50	233	212	—	—
<b>CONSOLE</b>							
3277	Display Station, Model 1 (required in Model 15 systems)	2,470	9.00	71	—	\$ 60	—
4632	78-key Operator Console Keyboard (required on 3277)	1,010	14.00	32	—	—	—
3277	CRT display (for 5404): Model 1; 480-character display	2,470	9.00	71	—	60	—
	Model 2; 1920-character display	3,200	19.50	103	—	88	—
4630/ 31/34	Keyboard for either model; 66 keys; EBCDIC typewriter/EBCDIC Data Entry/ASCII typewriter	520	5.00	13	—	11	—
4633/35	Keyboard for either model; 78 keys; EBCDIC typewriter/ASCII typewriter	869	8.50	28	—	24	—
<b>MASS STORAGE</b>							
3340	Direct Access Storage Facility: Model A-2 (2-drives plus control)	36,000	92.00	1,100	—	936	—
	Model B-1 (additional drive)	19,800	49.00	615	—	523	—
	Model B-2 (2 additional drives)	25,200	79.00	776	—	660	—
	Model C-2 (2 drives plus control)	27,580	82.50	850	—	723	—
3348	Data Module (for 3340 drives): Model 70; 41.04 million bytes plus 9.83 million bytes exclusively for program support	2,200	Time & Mat'l.	82	—	70	—
3344	Direct Access Storage Facility (for use with 3340 DASF on Model 15D only)	49,500	150.00	1,351	—	1,150	—
5444	Disk Storage Drive: Model A1; 2.46 million bytes	5,935	71.50	228	—	—	—
	Model A2; 4.92 million bytes	7,030	71.50	342	—	—	—
	Model A3; 2.46 million bytes	5,935	71.50	228	—	—	—
	Model 1; 2.46 million bytes	5,700	51.50	187	—	—	—
	Model 2; 4.92 million bytes	6,765	51.50	308	—	—	—
	Model 3; 2.46 million bytes	5,700	51.50	187	—	—	—
5540	Disk Cartridge (for 5444 drives)	175	Time & Mat'l.	Purch. only	—	—	—
5422	Disk Enclosure (required for attachment of 5444 Disk Storage Drives when 5424 MFCU is not used)	3,605	11.50	130	—	—	—
5445	Disk Storage Drive: Model 1; first 5445 on 5415; 20.48 million bytes	10,410	128.00	401	—	—	—
	Model 2; second 5445 on 5410; 20.48 million bytes	9,965	121.00	382	—	—	—
	Model 3; dual-pack 5445, 40.76 million bytes	20,430	251.00	783	—	—	—

\*Prices include equipment maintenance.

## IBM System/3

## EQUIPMENT PRICES

## Monthly Charges

		Purchase Price	Monthly Maint.	Rental*	3-Year Lease*	2-Year Lease*	1-Year Lease*
<b>MASS STORAGE (Continued)</b>							
5447 A1	5-megabyte disk drive (for 5404)	—	—	447	—	380	—
5447 A2	10-megabyte disk drive (for 5404)	12,065	144.00	617	—	525	—
5448	9.8-megabyte disk drive (for 5408 and 5410)	7,060	100.00	310	—	264	—
<b>MAGNETIC TAPE EQUIPMENT</b>							
3410	Magnetic Tape Unit:						
	Model 1; 20 KB	5,655	61.50	206	—	173	\$190
	Model 2; 40/20 KB	7,560	68.00	274	—	230	252
	Model 3; 80/40 KB	9,360	75.00	342	—	287	315
3411	Magnetic Tape Unit and Control:						
	Model 1; 20 KB	12,460	95.00	454	—	381	418
	Model 2; 40/20 KB	15,770	102.00	578	—	486	532
	Model 3; 80/40 KB	19,220	109.00	701	—	589	645
3211	Single Density Feature (for 3410 and 3411, Models 2 and 3 only)	1,835	9.50	60	—	50	55
3221	Dual Density Feature (for 3410 and 3411, Models 2 and 3 only)	2,645	36.50	88	—	74	81
7003	System/3 Attachment (required on 3411)	2,315	3.50	83	—	70	76
3741	Data Station:						
	Model 1	4,680	42.00	200	—	170	—
	Model 2	5,655	54.00	244	—	208	—
3741	Programmable Work Station:						
	Model 3	6,705	63.50	318	—	271	—
	Model 4	7,680	70.00	364	—	310	—
<b>PUNCHED CARD EQUIPMENT</b>							
5424	Multi-Function Card Unit:						
	Model A1; reads 250 cpm, punches and prints 60 cpm	7,810	185.00	376	—	—	—
	Model A2; reads 500 cpm, punches and prints 120 cpm	10,340	266.00	565	—	—	—
1442	Card Read Punch:						
	Model 6; reads 300 cpm, punches 80 cols/sec.	11,110	104.00	342	—	—	—
	Model 7; reads 400 cpm, punches 160 cols/sec.	11,970	122.00	498	—	—	—
3950	5410/5415 Coupling (required on 1442)	1,160	1.50	36	—	—	—
2501	Card Reader (for Model 15 only):						
	Model A1; 600 cpm	12,330	56.50	250	—	—	—
	Model A2; 1,000 cpm	12,550	80.50	330	—	—	—
3630	1501 Coupling (required on 2501)	168	NC	5	—	—	—
2560	Multi-Function Card Machine (for Model 15 only):						
	Model A1; reads 500 cpm, punches 160 cols/sec.	21,230	182.00	799	—	—	—
	Model A2; reads 310 cpm, punches 120 cols/sec.	15,590	182.00	621	—	—	—
Card Print Feature for 2560 Model A1:							
1575	First Two Lines (requires 1580 on 5415)	4,625	24.50	172	—	—	—
1576	Second Two Lines	4,625	24.50	172	—	—	—
1577	Third Two Lines	4,625	24.50	172	—	—	—
5486	Card Sorter:						
	Model 1; 1,000 cpm	3,115	40.00	116	—	—	—
	Model 2; 1,500 cpm	3,560	60.50	158	—	—	—
5496	Data Recorder (96-column)	4,005	59.50	203	—	—	—
7501	System/3 Attachment (required on 5496)	1,160	11.50	55	—	—	—
129	Card Data Recorder (80-column):						
	Model 1; Punch-Verifier (non-print)	3,650	50.50	161	—	—	—
	Model 2; Printing Punch (non-verifier)	4,090	55.00	179	—	—	—
	Model 3; Printing Punch Verifier	4,380	56.50	193	—	—	—
7503	Card I/O Attachment (required on 129)	1,560	13.50	96	—	—	—
3610	Expansion Feature (required on 129)	292	NC	10	—	—	—
2265	Display Station	4,700	32.00	183	—	—	—
5471	Printer-Keyboard	3,300	55.00	139	—	—	—
5475	Data Entry Keyboard	1,855	8.50	52	—	—	—
<b>PRINTERS</b>							
3284	Matrix printer; 40 cps (for 5404):						
	Model 1; 480-character buffer	4,255	45.00	141	—	120	—
	Model 2; 1920-character buffer	4,775	45.00	150	—	128	—
3286	Matrix printer; 66 cps (for 5404):						
	Model 1; 480-character buffer	5,690	47.00	169	—	144	—
	Model 2; 1920-character buffer	6,305	47.00	179	—	152	—
3287	Matrix printer:						
	Model 1; 80 cps	5,680	47.00	167	—	142	—
	Model 2; 120 cps	6,055	58.00	203	—	173	—

\*Prices include equipment maintenance.

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EQUIPMENT PRICES

		Monthly Charges					
		Purchase Price	Monthly Maint.	Rental*	3-Year Lease*	2-Year Lease*	1-Year Lease*
<b>PRINTERS (Continued)</b>							
8330	3271/3272 Attachment	910	3.50	31	—	26	—
8700	Variable-Width Forms Tractor	160	0.50	6	—	5	—
3288	Line Printer; 120 lpm (for 5404)	10,625	91.00	384	—	327	—
5213	Printer:						
	Model 1; pin-feed platen (for Model 6 only)	4,115	66.00	179	—	—	—
	Model 2; vertical forms control (for Model 6 only)	5,310	90.00	224	—	—	—
	Model 3; vertical forms control, bidirectional printing (for Model 4 or Model 6 only)	5,440	103.00	280	—	—	—
2222	Printer (with ledger card device; for Model 6 only):						
	Model 1; unidirectional printing	10,930	144.00	392	—	—	—
	Model 2; bidirectional printing	11,070	157.00	432	—	—	—
5203	Printer (for Model 8, Model 10, and Model 12 only):						
	Model 1; 100 lpm, 96 positions	7,005	84.00	272	—	—	—
	Model 2; 200 lpm, 96 positions	7,805	94.50	331	—	—	—
	Model 3; 300 lpm, 96 positions	10,880	158.00	488	—	—	—
3475	Dual-Feed Carriage (for 5203)	2,865	24.00	88	—	—	—
4730	Additional Chain Cartridge (for 5203 Model 1 and 2)	2,865	1.50	88	—	—	—
4740	Additional Chain Cartridge (for 5203 Model 3)	2,145	40.50	123	—	—	—
5558	24 Additional Print Positions (for 5203)	1,180	2.50	59	—	—	—
5559	12 Additional Print Positions (for 5203)	587	—	29	—	—	—
5560	36 Additional Print Positions (for 5203)	1,750	2.50	88	—	—	—
8639	Universal Character Set Attachment (for 5203)	236	1.50	10	—	—	—
1403	Printer (requires 5421):						
	Model 2; 600 lpm, 132 positions	22,000	295.00	925	—	777	851
	Model 5; 465 lpm, 132 positions	21,070	213.00	715	—	601	658
	Model N1; 1100 lpm, 132 positions	38,140	341.00	1,081	—	908	995
1416	Interchangeable Train Cartridge (for 1403 Model N1)	2,665	Time & Mat'l.	101	—	—	—
1376	Auxiliary Ribbon Feeding (for 1403 Model 2 or 5)	—	—	—	—	24	—
4740	Interchangeable Chain Cartridge Adapter (for 1403 Model 2 or 5)	2,030	—	88	—	74	81
8640	Universal Character Set Feature (for 1403 Model N1)	426	2.50	11	—	9	10
8641	Universal Character Set Feature (for 1403 Model 2)	299	2.50	11	—	9	10
5421	Printer Control Unit (required for 1403 Model 2, 5, or N1)	7,685	34.00	326	—	—	—
<b>MICR/OCR EQUIPMENT</b>							
1255	Magnetic Character Reader (requires #7081):						
	Model 1; 500 dpm, 6 stackers	35,460	251.00	904	—	—	—
	Model 2; 750 dpm, 6 stackers	40,590	400.00	1,100	—	—	—
	Model 3; 750 dpm, 12 stackers	55,260	527.00	1,450	—	—	—
3215	Dash Symbol Transmission (for 1255)	35	—	56	—	—	—
4380	51-column Card Sorting (for 1255)	661	—	16	—	—	—
4520	High-Order Zero and Blank Selection (for 1255 Model 3 only)	1,315	5.00	33	—	—	—
6303	System/3 Adapter (required on 1255)	5,335	4.00	135	—	—	—
7060	Self-Checking Numbers (for 1255)	2,135	2.50	54	—	—	—
3881	Optical Mark Reader (requires #7081):						
	Model 1; for on-line use	51,390	138.00	1,504	—	1,280	—
	Model 2; for off-line use	46,800	109.00	1,369	—	1,165	—
	Model 3; for off-line use	59,940	131.00	1,657	—	1,410	—
1471	BCD Read (for 3881)	2,150	1.50	61	—	52	—
3450	Document Counters (for 3881)	853	2.00	22	—	19	—
3550	Dual Density (for 3881 Model 2 only)	5,410	0.50	156	—	133	—
3801	Expanded Storage (for 3881)	2,150	0.50	61	—	52	—
6451	Serial Numbering (for 3881)	6,325	25.00	183	—	156	—
<b>COMMUNICATIONS EQUIPMENT</b>							
2074	Binary Synchronous Communications Adapter; for Models 4, 8, 10, 12, 15	6,895	78.50	344	313	—	—
1315	Auto Call Feature; for all models	1,170	1.00	50	46	—	—
3601	EIA Local Attachment; for Models 8, 10, 12, 15	563	1.00	30	28	—	—
4703	Internal Clock Feature; for all models	734	1.00	31	29	—	—
4781	1200 bps Integrated Modem (requires #4703 and #5201); for Models 8, 10, 12, 15	387	3.50	16	15	—	—
5201	Modem Base (for mounting #4781); for Models 8, 10, 12, 15	937	2.50	35	32	—	—
7477	Station Selection Feature; for all models	580	1.00	24	22	—	—
7850	Text Transparency Feature; for all models	580	1.00	24	22	—	—
2084	Binary Synchronous Communications Adapter, Second (#2074 is a prerequisite); for Models 10, 12, 15	6,895	63.00	344	313	—	—
2094	Second Binary Synchronous Communications Adapter (for Model 15D only)	9,205	30.00	394	358	—	—
1325	Auto Call Feature; for Models 10, 12, 15	1,170	1.00	50	46	—	—
3602	EIA Local Attachment; for Models 10, 12, 15	563	1.00	30	28	—	—
4723	Internal Clock; for Models 10, 12, 15	734	1.00	31	29	—	—
4782	1200 bps Integrated Modem (requires #4723 and #5202); for Models 8, 10, 12, 15	516	5.00	23	21	—	—

\*Prices include equipment maintenance.

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## EQUIPMENT PRICES

		Monthly Charges					
		<u>Purchase Price</u>	<u>Monthly Maint.</u>	<u>Rental*</u>	<u>3-Year Lease*</u>	<u>2-Year Lease*</u>	<u>1-Year Lease*</u>
<b>COMMUNICATIONS EQUIPMENT (Continued)</b>							
5202	Modem Base (for mounting #4782); for Models 10, 12, 15	937	2.50	35	32	—	—
7487	Station Selection Feature; for Models 10, 12, 15	580	1.00	24	22	—	—
7851	Text Transparency Feature; for Models 10, 12, 15	580	1.00	24	22	—	—
4645	Integrated Communications Adapter; for Models 8 and 12	4,415	17.00	158	144	—	—
4801	8000 bps Local Interface (for local attachment of an IBM binary synchronous 3275 Display; modems not required); for Models 8 and 12	760	1.00	27	25	—	—
4802	2400 bps Local Interface (for local attachment of an IBM binary synchronous terminal; modems not required); for Models 8 and 12	760	1.00	27	25	—	—
6202	Synchronous Line, Medium Speed (up to 7200 bps); for Models 8 and 12	2,300	2.50	84	76	—	—
4702	Local Display Adapter; for 5408, 5412, or 5415; for local attachment of up to three 3277-1 and/or 3284/3286-1/3287 printers	4,495	23.50	178	162	—	—
4704	Display Increment (for three additional displays and/or printers); for Models 4, 8, 12	1,050	1.00	41	37	—	—
4705	Model 2 Attachment (for Model 2 displays or printers); for Models 4, 8, 12	599	3.50	23	21	—	—
4765	Local Communications Adapter; for local attachment of a 3741 Model 2, a 3271 Control Unit, or a 3275 Display; for Model 6	4,570	28.50	185	168	—	—
	For Models 10 and 15	4,570	27.00	185	168	—	—
4601	Display Adapter; for Model 15	9,340	27.00	298	271	—	—
4602	Device Interface; for Model 15	1,310	1.00	41	37	—	—
4891	First Line Base	999	5.00	42	38	—	—
4892	Second Line Base	999	5.00	42	38	—	—

\*Prices include equipment maintenance.

## SOFTWARE PRICES

	Monthly License Fees					
	<u>Model 4</u>	<u>Model 6</u>	<u>Model 8</u>	<u>Model 10</u>	<u>Model 12</u>	<u>Model 15</u>
<b>PROGRAM PRODUCTS—SYSTEMS</b>						
BASIC	—	\$127	—	—	—	—
Basic Assembler	—	—	\$ 90	\$ 90	\$ 89	\$ 93
COBOL, subset ANS with library	—	—	94	94	89	93
FORTRAN IV, disk-based	—	120	110	110	118	123
Sort, CCP, disk-based	\$15	—	—	—	—	16
Sort, disk-based	10	10	10	10	47	49
5445 & 5448 feature	—	—	60	60	—	Incl.
Sort, tape-based	—	—	76	76/76*	81	85
RPG II, card-based	—	—	—	37*	—	—
Braille feature	—	—	—	—	—	—
BSCA feature	—	—	—	37*	—	—
Tape feature	—	—	—	32*	—	—
RPG II, disk-based	40	40	54	54	89	93
Auto Report feature	16	16	16	16	Incl.	Incl.
BSCA feature	40	40	40	40	Incl.	Incl.
Tape feature	—	—	35	35	Incl.	Incl.
3270 Display Control feature	22	—	22	22	22	22
5445 & 5448 feature	—	—	35	35	—	Incl.
Utilities, Card	—	—	—	10*	—	—
Utilities, Conversational	16	16	—	—	—	—
Utilities, Disk Based Card	—	—	10	10	16	16
Utility, 1255	—	87	75	75	72	—

\*Model 10 card-only system.

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SOFTWARE PRICES

	<u>Monthly License Fees</u>					
	<u>Model 4</u>	<u>Model 6</u>	<u>Model 8</u>	<u>Model 10</u>	<u>Model 12</u>	<u>Model 15</u>
<b>PROGRAM PRODUCTS— APPLICATIONS</b>						
Apparel Business Control**	—	—	—	\$ 82*	—	—
Appropriation Accounting System**	—	—	—	132*	—	—
Bill of Material Processor**	—	—	\$ 61	61	—	—
Business Analysis/BASIC**	\$ 61	\$ 61	—	—	—	—
Card Bill of Material & Requirements Planning**	—	—	—	71*	—	—
Citation Processing**	—	—	—	132*	—	—
Data Collection Support for System/3 DATA/3	—	—	—	—	\$ 38	—
EPIC—Socrates	—	—	149	149	142	\$149
EPIC—Fast	—	—	—	—	192	—
EPIC—Budget Finance	—	—	—	—	104	—
EPIC—Student	—	—	—	—	121	—
	—	—	—	—	87	—
Health Welfare & Pension Fund**	211	211	—	—	—	—
Health Welfare & Pension Fund Disk**	—	—	198	198	—	—
Inventory & Requirements Planning	—	—	94	94	—	—
Job Analysis System (JAS/3)	—	—	86	86	—	—
Law Enforcement System**	—	—	—	87*	—	—
Math/BASIC	54	54	—	—	—	—
Optimum Blending**	—	—	—	98*	—	—
Order Point Technique for Inventory Mgmt.**	—	—	—	55*	—	—
Shop Loading & Control	—	—	142	142	—	—
Stat/BASIC	40	40	—	—	—	—
Unit Inventory Techniques**	—	—	—	82*	—	—
Utility Billing System**	—	—	—	87*	—	—

\*Model 10 card-only system.  
\*\*Installation License applies.