

IBM System/3

Three of the Model 10 Card Utilities programs are not included in the Model 15 Card Utilities: Data Recording, Data Verification, and 80-96 Conversion.

1255 MAGNETIC CHARACTER READER UTILITY: Controls the reading and sorting of MICR-encoded documents, accumulates appropriate totals, and places selected data from the documents on disk and/or printer files. It requires a 12K-byte System/3 Processing Unit and functions under control of the SCP software. The subroutines are used with a user-written RPG II or Assembler program. All models except the Model 15 support the 1255 Utility. Device control and data management services are provided as part of the SCP for the Model 15.

DATA/3: This System/3 Program Product, introduced along with the Model 15 and also available for the Model 8, 10, or 12, generates terminal control programs for the following types of applications: inquiry, inquiry with update, data entry, and data entry with master file input. The programmer fills out two RPG-like forms: a data description form and a program definition form. DATA/3 uses this information to generate RPG II source programs, which are subsequently compiled and executed. Programs generated by DATA/3 support the 3270 Information Display System, the 5444 and 5445 Disk Storage Drives, and the 3340 DASD. DATA/3 can be used on a System/3 Model 8, Model 10, Model 12, or Model 15, in connection with either the Multiline/Multipoint software or the Communications Control Program.

APPLICATION CUSTOMIZER SERVICE: As an alternative to the usual "packaged" application programs, IBM offers a novel service called the Application Customizer, which is designed to assist users in preparing programs to handle the most common data processing applications.

The user defines his requirements by completing application-oriented questionnaires and report specification sheets. These are keypunched and fed into a computer at an IBM Basic Systems Center. The resulting output consists of detailed application documentation, from which the users' own programmer writes the necessary System/3 programs (usually in the RPG II language).

Documentation produced by the Application Customizer includes a data dictionary, a listing of the contents and format of each record, an application flowchart, an RPG-oriented description of each program, and a sample of each report.

Customized Source Code is now available as an optional additional output from the Application Customizer Service. The user who elects this option receives raw, machine-generated RPG II source code on a 5440 Disk Cartridge; he must then add various constants and indicators, compile the programs, and test and debug them in the usual fashion.

For the System/3 Model 6, the Application Customizer Service currently covers four applications, available with or without Customized Source Code:

- Order Writing and Invoicing
- Inventory Accounting and Management
- Accounts Receivable
- Sales Analysis

The same packages are available tailored for two specific classes of users: lumber and building supplies dealers, and electrical distributors.

For card-oriented System/3 Model 10 computers, the Application Customizer Service currently covers eight applications:

- Order Writing and Invoicing
- Inventory Accounting
- Accounts Receivable
- Sales Analysis
- Payroll
- General Ledger
- Accounts Payable
- Labor Distribution

For disk-oriented System/3 Model 10 computers, the Application Customizer Service currently includes the following, with or without Customized Source Code:

- 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 or rental basis. The standard IBM 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).

In addition, in July 1975 IBM made the Term Availability Plan (TAP), originally introduced with the System/32, available for the System/3 Model 8, 12, and 15 Processing Units and features. In September 1976, the TAP was extended to Models 6 and 10. Under the TAP, which has an initial dura-

IBM System/3

tion of 36 months, the customer is given a discount of about 5% on monthly rental costs. Lease and purchase price protection is ensured for the first 12 months. Accruals toward purchase of up to 50% of the purchase price are permitted during the first 36 months. Specified maximum second and third year lease and purchase prices are guaranteed that correspond to an increase of about 5% each year. The TAP can be extended for one year at a time indefinitely, and one extension of less than one year is permitted. Component or feature discontinuance or downgrades incur termination charges.

SOFTWARE: System/3 users receive the basic System Control Programs at no additional cost. All other IBM software, 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.

EQUIPMENT: The following typical purchase and rental 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 5312 Model 3 Printer, one 3277 Model 1 Display Station, and one 78-key operator console keyboard. Monthly rental, \$1,537. Purchase price \$43,710.

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. Monthly rental, \$1,578. Purchase price, \$48,170.

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. Monthly rental, \$1,928. Purchase price, \$57,995.

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). Monthly rental, \$2,449. Purchase price, \$67,620.

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. Monthly rental, \$3,190. Purchase price, \$100,331.

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. Monthly rental \$3,763. Purchase price, \$117,896.

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. Monthly rental \$7,942. Purchase price, \$243,400. ■

EQUIPMENT PRICES

PROCESSORS AND MAIN STORAGE		Purchase Price	Monthly Maint.	Rental (1-year lease)*
5404	Processing Unit (for Model 4 systems): Model A18; 65,536 bytes	\$15,320	145.00	628
5406	Processing Unit (for Model 6 systems): Model B2; 8,192 bytes Model B3; 12,288 bytes Model B4; 16,384 bytes	22,430 25,380 25,730	137.00 143.00 143.00	706 846 982
1550	Command Keys (9-16)	765	0.50	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	21,710 23,460 25,210 26,960	115.00 120.00 150.00 155.00	707 791 875 959
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	12,560 15,510 15,860 24,610 24,960 34,060	48.00 52.50 52.50 70.50 70.50 98.00	393 518 664 958 1,242 1,618
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	17,610 20,560 20,910 29,960 30,010 39,110	105.00 110.00 110.00 128.00 128.00 156.00	552 617 821 1,115 1,398 1,770

*Rental prices include equipment maintenance.

IBM System/3

EQUIPMENT PRICES

		<u>Purchase Price</u>	<u>Monthly Maint.</u>	<u>Rental (1-year lease)*</u>
PROCESSORS AND MAIN STORAGE (Continued)				
5412	Processing Unit (for Model 12 systems):			
	Model B16; 32,768 bytes	47,940	247.00	1,392
	Model B17; 49,152 bytes	49,690	253.00	1,476
	Model B18; 65,536 bytes	51,440	258.00	1,559
	Model C19; 81,920 bytes	58,840	—	1,800
	Model C20; 98,304 bytes	60,590	—	1,884
5415	Processing Unit (for Model 15 systems without 3340):			
	Model A17; 49,152 bytes	62,235	227.00	1,771
	Model A18; 65,536 bytes	63,985	232.00	1,855
	Model A19; 98,304 bytes	69,185	238.00	2,088
	Model A20; 131,072 bytes	72,685	248.00	2,255
5415	Processing Unit (for Model 15 systems with 3340):			
	Model B17; 49,152 bytes	90,890	235.00	2,514
	Model B18; 65,536 bytes	92,640	240.00	2,598
	Model B19; 98,304 bytes	97,840	245.00	2,831
	Model B20; 131,072 bytes	101,340	255.00	2,998
	Model C21; 163,840 bytes	106,540	260.00	3,231
	Model C22; 196,608 bytes	110,040	265.00	3,398
	Model C23; 229,376 bytes	113,540	270.00	3,566
	Model C24; 262,144 bytes	117,040	280.00	3,733
	Model D19; 98,304 bytes	105,280	265.00	3,041
	Model D20; 131,072 bytes	108,780	275.00	3,208
	Model D21; 163,840 bytes	113,980	280.00	3,441
	Model D22; 196,608 bytes	117,480	285.00	3,608
	Model D23; 229,376 bytes	120,980	290.00	3,776
	Model D24; 262,144 bytes	124,480	300.00	3,943
3500	Dual Program Feature (for 5408, 5410, or 5412)	3,575	1.00	137
5501	Power Supply Expansion (provides additional 6-volt power for 5410, 5412, or 5415; required for certain RPQ's such as multi-line communications adapter)	1,755	1.00	58
5502	Power Supply Expansion (provides required additional 24-volt power for 5412 if 5424 MFCU not included)	831	1.00	21
5732	Processing Unit Expansion:	1,080	3.00	43
	For 3406 (required for any combination of #7081 SIOC, #2074 BSCA, #4765 LCA, or #8220 3741 attachment)			
	For 3408 (required for #7081 SIOC or #2074 BSCA)			
	For 3410 (required for RPQ1442, 5445, 3411, or #8220 3741 attachment)			
	For 3412 (required for 3411, #8220 3741 attachment and card reader, or #7801 SIOC)			
5733	Processing Unit Expansion (for 5410, 5412, and 5415; requires 5732 except on 5415)	501	0.50	22
5734	Processing Unit Expansion (for 5410, 5412, and 5415; requires 5733)	1,720	1.00	64
5735	Processing Unit Expansion (for 5410, 5412, and 5415; requires 5734)	501	1.00	22
	Note: Typically, communications features, alone and in combination with other peripherals will require various stages of expansion; the above units provide additional CPU power and connections.			
CONSOLE				
3277	Display Station, Model 1 (required in Model 15 systems)	2,940	9.00	84
4632	78-key Operator Console Keyboard (required on 3277)	1,205	14.00	38
3277	CRT display (for 5404):			
	Model 1; 480-character display	2,940	9.00	84
	Model 2; 1920-character display	3,810	19.50	123
	Keyboard for either model	520	3.50	16
MASS STORAGE				
3340	Direct Access Storage Facility:			
	Model A-2 (2-drives plus control)	36,000	92.00	1,100
	Model B-1 (additional drive)	19,800	49.00	615
	Model B-2 (2 additional drives)	25,200	79.00	776
	Model C-2 (2 drives plus control)	27,580	82.50	850
3348	Data Module (for 3340 drives):	2,200	Time & Mat'l	82
	Model 70; 41.04 million bytes plus 9.83 million bytes exclusively for program support			
3344	Direct Access Storage Facility (for use with 3340 DASF on Model 15D only)	49,500	150.00	1,351
5444	Disk Storage Drive:			
	Model A1; 2.46 million bytes	6,595	71.50	228
	Model A2; 4.92 million bytes	7,810	71.50	342
	Model A3; 2.46 million bytes	6,595	71.50	228
	Model 1; 2.46 million bytes	6,335	51.50	187
	Model 2; 4.92 million bytes	7,515	51.50	308
	Model 3; 2.46 million bytes	6,335	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)	4,240	13.00	119
6378	Second Disk Attachment (required on 5406 for a 5444 Mod. 3 or a second 5444 Mod. 2)	1,575	5.00	51
6378	Second Disk Attachment (required on 5408 for 5444 Mod. A3 or a second 5444 Mod. A2)	2,190	6.00	75

*Rental prices include equipment maintenance.

IBM System/3

EQUIPMENT PRICES

		Purchase Price	Monthly Maint.	Rental (1-year lease)*
MASS STORAGE (Continued)				
6378	Second Disk Attachment (required on 5410 for a 5444 Mod. 3 or A3 or a second 5444 Mod. 2 or A2)	1,575	5.00	53
4501	Higher-Performance Second Disk Attachment (required on 5410 for a 5444 Mod. A1 or A2)	615	1.00	22
4502	Higher-Performance Second Disk Attachment (required on 5410 for a 5444 Mod. A3 or a 2nd 5444 Mod. A2; 6378 is a prerequisite)	615	1.00	22
6378	Second Disk Attachment (required on 5415 for a 5444 Mod. A3 or a 2nd 5444 Mod. A2)	2,190	6.00	75
5445	Disk Storage Drive:			
	Model 1; first 5445 on 5415; 20.48 million bytes	11,570	106.00	401
	Model 2; second 5445 on 5410 or 5415; 20.48 million bytes	11,070	100.00	382
	Model 3; dual-pack 5445, 40.76 million bytes	22,700	208.00	783
3901	First 5445 Disk Attachment (for 5410; required for Model 1 and 3)	15,620	41.00	587
3902	Second 5445 Disk Attachment (for 5410; required for Model 2 and 3)	469	1.00	16
3901	First 5445 Attachment (required on 5415 for first pair of 5445 drives)	15,620	35.50	587
3903	Second 5445 Attachment (required on 5415 for second pair of 5445 drives)	3,000	1.00	88
5447 A1	5-megabyte disk drive (for 5404)	8,730	81.00	405
5447 A2	10-megabyte disk drive (for 5404)	12,065	125.00	560
5448	9.8-megabyte disk drive (for 5408 and 5410)	7,845	100.00	310
—	5448 Attachment (for 5408 or 5410)	3,600	25.00	120
MAGNETIC TAPE EQUIPMENT				
3410	Magnetic Tape Unit:			
	Model 1; 20 KB	7,065	61.50	206 (1)
	Model 2; 40/20 KB	9,450	68.00	274 (1)
	Model 3; 80/40 KB	11,700	75.00	342 (1)
3411	Magnetic Tape Unit and Control:			
	Model 1; 20 KB	15,570	95.00	454 (1)
	Model 2; 40/20 KB	19,710	102.00	578 (1)
	Model 3; 80/40 KB	24,030	109.00	701 (1)
3211	Single Density Feature (for 3410 & 3411, Models 2 & 3 only)	2,295	9.50	60 (1)
3221	Dual Density Feature (for 3410 & 3411, Models 2 & 3 only)	3,305	36.50	88 (1)
7003	System/3 Attachment (required on 3411)	2,890	3.50	83 (1)
7951	3411 Magnetic Tape Attachment (required on 5408, 5410, or 5415)	4,155	10.50	179
7960	3411 Magnetic Tape Attachment (required on 5412; requires #4701)	3,045	7.50	137
4701	Basic Attachment Feature	1,225	3.00	54
3741	Data Station:			
	Model 1	4,680	42.00	182
	Model 2	5,655	54.00	223
3741	Programmable Work Station:			
	Model 3	6,705	63.50	290
	Model 4	7,680	70.00	331
8220	Attachment (on 5406, 5408, 5410, 5412, or 5415)	5,025	19.50	222
—	I/O Adapter (on 3741)	2,750	8.00	73
PUNCHED CARD EQUIPMENT				
5424	Multi-Function Card Unit:			
	Model A1; reads 250 cpm, punches and prints 60 cpm	7,810	153.00	342
	Model A2; reads 500 cpm, punches and prints 120 cpm	10,340	220.00	514
4100	MFCU Attachment (required on 5410 for 5424 Mod. A1)	3,470	17.00	97
4100	MFCU Attachment (required on 5412 for 5424 Mod. A1)	3,470	17.00	97
4100	MFCU Attachment (required on 5415 for 5424 Mod. A1)	3,470	17.00	97
4101	MFCU Attachment (required on 5410 for 5424 Mod. A2; requires #4100)	4,405	17.00	116
4101	MFCU Attachment (required on 5412 for 5424 Mod. A2; requires #4100)	703	2.00	18
4101	MFCU Attachment (required on 5415 for 5424 Mod. A2; requires #4100)	703	2.00	17
1442	Card Read Punch:			
	Model 6; reads 300 cpm, punches 80 cols/sec.	11,110	75.00	311
	Model 7; reads 400 cpm, punches 160 cols/sec.	11,970	89.00	453
3950	5410/5415 Coupling (required on 1442)	1,160	1.00	34
4130	1442 Attachment (required on 5410 or 5412)	5,435	18.50	222
4130	1442 Attachment (required on 5415)	5,435	18.50	222
2501	Card Reader (for Model 15 only):			
	Model A1; 600 cpm	12,330	47.00	228
	Model A2; 1,000 cpm	12,550	66.50	300
3630	1501 Coupling (required on 2501)	168	NC	5
8090	2501 Attachment (required on 5415)	6,965	8.00	176
2560	Multi-Function Card Machine (for Model 15 only):			
	Model A1; reads 500 cpm, punches 160 cols/sec.	21,230	132.00	725
	Model A2; reads 310 cpm, punches 120 cols/sec.	15,590	132.00	564
8100	2560 MFCM Attachment (required on 5415)	6,545	17.00	176
1580	Card Print Control (for 5415)	1,295	3.00	29
Card Print Feature for 2560 Model A1:				
1575	First Two Lines (requires 1580 on 5415)	4,625	18.00	157
1576	Second Two Lines	4,625	18.00	157
1577	Third Two Lines	4,625	18.00	157
5486	Card Sorter:			
	Model 1; 1000 cpm	3,665	42.00	106
	Model 2; 1500 cpm	4,190	63.50	144

*Rental prices include equipment maintenance.

IBM System/3

EQUIPMENT PRICES

		<u>Purchase Price</u>	<u>Monthly Maint.</u>	<u>Rental (1-year lease)*</u>
PUNCHED CARD EQUIPMENT (Continued)				
5496	Data Recorder (96-column)	5,935	59.50	185
3210	Data Recorder Attachment (required on 5406)	1,525	2.00	46
7501	System/3 Attachment (required on 5496)	1,720	11.50	51
129	Card Data Recorder (80-column):			
	Model 1; Punch-Verifier (non-print)	4,865	48.00	147
	Model 2; Printing Punch (non-verifier)	5,450	52.50	163
	Model 3; Printing Punch Verifier	5,840	54.00	176
7503	Card I/O Attachment (required on 129)	2,080	13.00	88
3610	Expansion Feature (required on 129)	518	NC	10
3210	Data Recorder Attachment (required on 5406)	1,525	2.00	46
2265	Display Station	4,700	40.00	183
7960	Display Station Attachment (required on 5406)	2,865	1.50	89
5471	Printer-Keyboard	3,885	40.00	127
4110	Printer-Keyboard Attachment (required on 5408, 5410, or 5412)	1,855	5.50	63
5475	Data Entry Keyboard	1,855	7.50	48
4120	Data Entry Keyboard Attachment (required on 5410 in place of #4110)	2,075	1.00	53
PRINTERS				
3284	Matrix printer; 40 cps (for 5404):			
	Model 1; 480-character buffer	5,065	37.50	168
	Model 2; 1920-character buffer	5,685	37.50	179
3286	Matrix printer; 66 cps (for 5404):			
	Model 1; 480-character buffer	6,775	37.50	201
	Model 2; 1920-character buffer	7,505	37.50	213
3288	Line Printer; 120 lpm (for 5404)	12,500	87.00	427
5213	Printer:			
	Model 1; pin-feed platen (for Model 6 only)	4,840	60.00	179
	Model 2; vertical forms control (for Model 6 only)	6,245	82.00	224
	Model 3; vertical forms control, bidirectional printing (for Model 4 or Model 6 only)	6,400	94.00	280
3901	Printer Attachment (required on 5406 for 5213 Mod. 1)	2,675	20.50	81
3902	Printer Attachment (required on 5406 for 5213 Mod. 2)	2,675	20.50	81
3903	Printer Attachment (required on 5404 or 5406 for 5213 Mod. 3)	2,675	20.50	81
3960	Enhanced Print Rate Attachment (required on 5404 or 5406 for printing at 115 cps with 5312 Mod. 3; replaces 3903 Attachment)	3,000	23.00	143
2222	Printer (with ledger card device; for Model 6 only):			
	Model 1; unidirectional printing	12,860	125.00	392
	Model 2; bidirectional printing	13,020	137.00	432
7951	Printer Attachment (required on 5406 for 2222 Mod. 1)	2,675	20.50	81
7952	Printer Attachment (required on 5406 for 2222 Mod. 2)	2,675	20.50	81
5203	Printer (for Model 8, Model 10, and Model 12 only):			
	Model 1; 100 lpm, 96 positions	8,240	80.00	272
	Model 2; 200 lpm, 96 positions	9,185	90.00	331
	Model 3; 300 lpm, 96 positions	12,800	151.00	488
3475	Dual-Feed Carriage (for 5203)	2,865	23.00	88
4730	Additional Chain Cartridge (for 5203 Mod. 1 & 2)	2,865	1.00	88
4740	Additional Chain Cartridge (for 5203 Mod. 3)	2,145	39.00	123
5558	24 Additional Print Positions (for 5203)	1,180	2.00	59
5560	36 Additional Print Positions (for 5203)	1,750	2.00	88
8639	Universal Character Set Attachment (for 5203)	236	1.00	10
3960	5203 Printer Base Attachment (required on 5408 or 5412 for any model 5203)	1,435	7.50	47
3970	5203 Model 1 or 2 Printer Attachment (required on 5408 or 5412; requires #3960)	615	3.00	19
3970	5203 Model 1 Printer Attachment (required on 5410)	2,050	12.00	67
3971	5203 Model 2 Printer Attachment (required on 5410)	2,050	12.00	67
3972	5203 Model 3 Printer Attachment (required on 5408 or 5412; requires #3960)	1,555	7.00	65
3972	5203 Model 3 Printer Attachment (required on 5410)	2,990	16.00	112
3480	Dual Feed Carriage Control (required on 5408, 5410, or 5412 for #3475 on 5203)	808	1.00	30
8642	Universal Character Set Control (required on 5408, 5410, or 5412 for #6639 on 5203)	299	1.00	16
1403	Printer (requires 5421):			
	Model 2; 600 lpm, 132 positions	22,000	234.00	841**
	Model 5; 465 lpm, 132 positions	21,070	169.00	650**
	Model N1; 1100 lpm, 132 positions	38,140	270.00	983**
1416	Interchangeable Train Cartridge (for 1403 Mod. N1)	2,665	Time & Mat'l.	101
1376	Auxiliary Ribbon Feeding (for 1403 Mod. 2 or 5)	2,000	21.00	80**
4740	Interchangeable Chain Cartridge Adapter (for 1403 Mod. 2 or 5)	2,030	NC	80**
8640	Universal Character Set Feature (for 1403 Mod. N1)	426	2.00	10**
8641	Universal Character Set Feature (for 1403 Mod. 2)	299	2.00	10**
5421	Printer Control Unit (required for 1403 Mod. 2, 5, or N1)	7,685	32.50	311
4135	1403 Model 5 Printer Attachment (for 5412 or 5415; requires #4160)	221	1.50	7
4140	1403 Model 2 Printer Attachment (for 5410)	3,220	26.00	140
4140	1403 Model 2 Printer Attachment (for 5412 or 5415; requires #4160)	460	1.50	18
4150	1403 Model N1 Printer Attachment (for 5410)	3,530	26.00	204
4150	1403 Model N1 Printer Attachment (for 5412 or 5415; requires #4160)	770	1.50	82
4160	1403 Printer Base Attachment (for 5412 or 5415)	2,760	24.00	121

* Rental prices include equipment maintenance.

**A discount of 8% or 16% from these rental prices is available under a 12-month or 24-month Fixed-Term Lease, respectively.

IBM System/3

EQUIPMENT PRICES

		Purchase Price	Monthly Maint.	Rental (1-year lease)*
MICR/OCR EQUIPMENT				
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	NC	56
4380	51-column Card Sorting (for 1255)	734	NC	16
4520	High-Order Zero & Blank Selection (for 1255 Mod. 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
	Model 2; for off-line use	46,800	109.00	1,369
1471	BCD Read (for 3881)	2,150	1.50	61
3450	Document Counters (for 3881)	948	2.00	23
3550	Dual Density (for 3881 Model 2 only)	5,410	0.50	156
3801	Expanded Storage (for 3881)	2,150	0.50	61
6451	Serial Numbering (for 3881)	6,325	25.00	183
7081	Serial I/O Channel (required on 5404 or 5406 for 1255)	4,865	5.00	179
7081	Serial I/O Channel (required on 5408, 5410, or 5412 for 1255 or 3881)	4,865	5.00	185
7081	Serial I/O Channel (required on 5415 for 1255 or 3881)	4,865	6.50	185

COMMUNICATIONS EQUIPMENT

2074	Binary Synchronous Communications Adapter	7,660	71.50	314
1315	Auto Call Feature	1,300	1.00	46
3601	EIA Local Attachment	625	1.00	28
4703	Internal Clock Feature	816	1.00	29
4781	1200 bps Integrated Modem (requires #4703 and #5201)	387	3.50	16
5201	Modem Base (for mounting #4781)	937	2.50	33
7477	Station Selection Feature	644	1.00	22
7850	Text Transparency Feature	644	1.00	22
2084	Binary Synchronous Communications Adapter, Second (#2074 is a prerequisite)	7,660	71.50	314
1325	Auto Call Feature	1,300	1.00	46
3602	EIA Local Attachment	625	1.00	28
4723	Internal Clock	816	1.00	29
4782	1200 bps Integrated Modem (requires #4723 and #5202)	516	5.50	21
5202	Modem Base (for mounting #4782)	937	2.50	33
7487	Station Selection Feature	644	1.00	22
7851	Text Transparency Feature	644	1.00	22
4645	Integrated Communications Adapter (for 5408 or 5412)	4,905	18.00	152
4801	8000 bps Local Interface (for local attachment of an IBM binary synchronous 3275 Display; modems not required)	844	1.00	26
4802	2400 bps Local Interface (for local attachment of an IBM binary synchronous terminal; modems not required)	844	1.00	26
6202	Synchronous Line, Medium Speed (up to 7200 bps)	2,555	3.00	77
7851	Text Transparency (for EBCDIC)	644	1.00	22
4702	Local Display Adapter (for 5408, 5412, or 5415; for local attachment of up to three 3277-1 displays and/or 3284/3286-1 printers)	4,995	24.50	171
4701	Basic Attachment Feature	1,225	3.00	56
4704	Display Increment (for three additional displays and/or printers)	1,165	1.00	39
4705	Model 2 Attachment (for Model 2 displays or printers)	665	3.50	22
4765	Local Communications Adapter (for 5406, 5410, or 5415; for local attachment of a 3741 Model 2, a 3271 Control Unit, or a 3275 Display)	5,075	30.00	176

SOFTWARE PRICES

SYSTEM/3 MODEL 4

Program Products—Systems

	Monthly License Fee
RPG II	\$38
Auto Report Feature (for RPG II)	16
Telecommunications Feature (for RPG II)	38
3270 Display Control (for RPG II)	20
Conversational Utilities	16
Disk Sort	10
CCP/Disk Sort	15

SYSTEM/3 MODEL 6

Program Products—Systems

	Monthly License Fee
BASIC	\$127
Disk FORTRAN IV	120
RPG II	39
Auto Report Feature (for RPG II)	16
Telecommunications Feature (for RPG II)	39

*Rental prices include equipment maintenance

IBM System/3

SOFTWARE PRICES

SYSTEM/3 MODEL 6 (Continued)

Conversational Utilities
Disk Sort
1255 Magnetic Character Reader Utility

Monthly License Fee

16
10
87

Program Products—Applications

Business Analysis/BASIC
Health, Welfare & Pension Fund
Inventory and Requirements Planning
MATH/BASIC
Shop Loading and Control
STAT/BASIC

Monthly License Fee

59
211
90
52
142
39

**Application Customizer Service
(Without Customized Source Code)**

Single-Use Charge

Order Writing and Invoicing
Inventory Accounting and Management
Accounts Receivable
Sales Analysis
Additional charge for Customized Source Code: each application
Above programs tailored for Lumber and Building Supply or Electrical Distributors; each program

\$768
768
768
768
116
867

Application Programming Service

Single-Use Charge

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

Any one application: 1,550
Any two applications: 3,000
Any three applications: 4,220
Any four applications: 5,315

SYSTEM/3 MODEL 8

Program Products—Systems

Basic Assembler
ANS COBOL Subset Compiler
Disk FORTRAN IV

Disk RPG II
Telecommunications Feature (for RPG II)
Magnetic Tape Feature (for RPG II)
Auto Report Feature (for RPG II)
3270 Display Control (for RPG II)

Disk Sort
Magnetic Tape Sort
1255 Magnetic Character Reader Utility

Monthly License Fee

90
90
110

52
39
34
16
NC

10
76
69

Program Products—Applications

Monthly License Fee

Bill of Material Processor (disk)
DATA/3 for S/3 Model 8
Health, Welfare, and Pension Fund (disk)
Inventory & Requirements Planning
Job Analysis System
Shop Loading and Control

59
142
198
90
82
142

SYSTEM/3 MODEL 10

Program Products—Systems

Monthly License Fee

ANS COBOL Subset Compiler
Card RPG II
Magnetic Tape Feature
Telecommunications Feature
Card System Utilities
Card Magnetic Tape Sort Programs
Disk FORTRAN IV
Disk RPG II
Telecommunications Feature
5445 Disk Storage Drive Features
Auto Report Feature
Magnetic Tape Feature
Disk Sort
5445 Disk Storage Drive Feature
Disk Magnetic Tape Sort Programs
Disk-Resident Card Utilities
1255 Magnetic Character Reader Utility
Basic Assembler

90
37
30
37
10
76
110
52
39
34
16
34
10
58
76
10
69
90

IBM System/3
SOFTWARE PRICES

SYSTEM/3 MODEL 10 (Continued)

Program Products—Applications

	<u>Monthly License Fee</u>
Apparel Business Control (card)	82
Appropriation Accounting System (card)	132
Bill of Material Processor (disk)	59
Card Bill of Material and Requirements Planning	71
Citation Processing System (card)	132
DATA/3	142
EPIC Educational Administration—	
SOCRATES	192
FAST	104
Budget/Finance	121
Student	87
Health, Welfare, and Pension Fund (disk)	198
Inventory and Requirements Planning (disk)	90
Job Analysis System (disk)	82
Law Enforcement System (card)	87
Optimum Blending (card)	98
Order Point Technique for Inventory Management (card)	55
Shop Loading and Control (disk)	142
System for TV and Radio (disk)	433
Unit Inventory Techniques (card)	82
Utility Billing System (card)	87

Application Customizer Service—Card Systems

	<u>Single-Use Charge</u>
Order Writing and Invoicing	405
Inventory Accounting	374
Accounts Receivable	374
Sales Analysis	352
Payroll	473
General Ledger	323
Accounts Payable	427
Labor Distribution	427

Application Customizer Service—Disk Systems

	<u>Single-Use Charge</u>
Order Writing and Invoicing	815
Inventory Accounting and Management	785
Accounts Receivable	757
Sales Analysis	727
Additional for Customized Source Code, each application	116

SYSTEM/3 MODEL 12

Program Products—Systems

	<u>Monthly License Fee</u>
Basic Assembler	\$ 85
Card Utilities	16
COBOL	85
DATA/3	136
Disk Sort	45
FORTRAN IV	113
RPG II	85
Tape Sort	78
1255 Utility	69

Program Products—Applications

Programs that run on a System/3 Model 6, 8 or 10 can be compiled to run on the Model 12 without changing any source code. A simulation of the 5444 disk area is made on the 3340 DASF.

SYSTEM/3 MODEL 15

Program Products—Systems

	<u>Monthly License Fee</u>
ANS COBOL Subset Compiler	89
Basic Assembler	89
Card Utilities	16
Disk Sort	47
FORTRAN IV	118
Magnetic Tape Sort	81
RPG II	89

Program Products—Applications

	<u>Monthly License Fee</u>
DATA/3	142

Note: Model 15 systems can also run System/3 Model 10 application programs.