

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.

Rates for programming service/programming assistance are \$81 per hour during regular hours and \$93 per hour during nonregular hours.

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 \$67.00 per hour, and during off hours the charge is \$78.00 per hour. The hourly rate for systems engineering service is \$52.00.

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-Key-board. 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-Key-board, 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 DAS. Purchase price, \$95,026. ►

IBM System/3

► 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 | | | | | |
|------------------------------------|---|--|--|--|--|------------------|------------------|
| | | Purchase Price | Monthly Maint. | Rental* | 3-Year Lease* | 2-Year Lease* | 1-Year Lease* |
| PROCESSORS AND MAIN STORAGE | | | | | | | |
| 5404 | Processing Unit (for Model 4 systems): Model A18; 65,536 bytes | \$ 13,790 | \$176.00 | \$ 725 | \$ 659 | — | — |
| 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 | 816 978 1,133 | 742 889 1,030 | — | — |
| 1550 | Command Keys (9-16) | 689 | 0.50 | 25 | 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 | 779 846 913 980 | 708 769 830 891 | — | — |
| 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 | 452 597 768 1,106 1,430 1,865 | 411 543 698 1,055 1,300 1,695 | — | — |
| 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 | 638 781 949 1,282 1,606 2,035 | 580 710 863 1,165 1,460 1,850 | — | — |
| 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 | 1,529 1,596 1,663 1,888 1,935 | 1,390 1,451 1,512 1,716 1,777 | — | — |
| 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 | 1,947 2,014 2,214 2,348 | 1,770 1,831 2,013 2,135 | — | — |
| 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 | 2,761 2,828 3,028 3,162 3,515 3,649 3,783 3,917 3,316 3,450 3,650 3,784 3,918 4,052 4,608 5,144 | 2,510 2,571 2,753 2,875 3,195 3,317 3,439 3,561 3,015 3,137 3,319 3,441 3,563 3,685 4,190 4,678 | — | — |

PROCESSOR OPTIONS AND ATTACHMENTS

For Model 4:

| | | | | | | | |
|------|--|-------|-------|-----|-----|---|---|
| 3960 | 5203 Printer Base Attachment; for 115-cps printing | 2,700 | 25.50 | 163 | 149 | — | — |
| 7081 | Serial I/O Channel | 4,380 | 6.00 | 204 | 185 | — | — |

*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> |
| PROCESSOR OPTIONS AND ATTACHMENTS (Continued) | | | | | | | |
| For Model 6: | | | | | | | |
| 1550 | Command Keys 9 through 16 | 689 | 0.50 | 25 | 23 | — | — |
| 3210 | 5496 Data Recorder Attachment | 1,375 | 2.00 | 52 | 48 | — | — |
| 3901 | Printer Attachment for 5213 Model 1 | 2,410 | 19.50 | 92 | 84 | — | — |
| 3902 | For Model 2 | 2,410 | 19.50 | 92 | 84 | — | — |
| 3903 | For Model 3 | 2,410 | 19.50 | 92 | 84 | — | — |
| 3960 | 5203 Printer Base Attachment; for 115-cps printing | 2,700 | 22.00 | 163 | 149 | — | — |
| 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 | 42 | 38 | — | — |
| 6378 | Second Disk Attachment for 5444 Model 3 or second Model 2 | 1,420 | 5.00 | 58 | 53 | — | — |
| 7081 | Serial I/O Channel | 4,380 | 5.00 | 204 | 185 | — | — |
| 7951 | Printer Attachment for 2222 Model 1 | 2,410 | 19.50 | 92 | 84 | — | — |
| 7952 | For Model 2 | 2,410 | 19.50 | 92 | 84 | — | — |
| 7960 | Display Station Attachment | 2,580 | 1.50 | 102 | 93 | — | — |
| 8220 | 3741 Display Station/Programmable Work Station Attachment | 4,525 | 16.00 | 244 | 222 | — | — |
| For Model 8: | | | | | | | |
| 3480 | Dual Feed Carriage Control; for 5203 Printer | 727 | 1.00 | 32 | 30 | — | — |
| 3500 | Dual Programming Feature | 3,220 | 1.00 | 151 | 137 | — | — |
| 3960 | 5203 Printer Base Attachment | 1,290 | 7.50 | 51 | 47 | — | — |
| 3970 | 5203 Printer Speed Attachment; for Model 1 or 2 | 554 | 3.00 | 19 | 18 | — | — |
| 3972 | For Model 3 | 1,400 | 6.50 | 70 | 64 | — | — |
| 4040 | 5448 Disk File Attachment | 2,590 | 24.00 | 136 | 124 | — | — |
| 4110 | 5741 Printer Keyboard Attachment | 1,670 | 5.00 | 67 | 61 | — | — |
| 4701 | Magnetic Tape Base Attachment | 1,105 | 2.50 | 60 | 55 | — | — |
| 5732 | Processing Unit Expansion A; required for 7081 Serial I/O Channel or 2074 BSCA | 972 | 6.50 | 42 | 38 | — | — |
| 5733 | Processing Unit Expansion B; requires 5732 | 451 | 0.50 | 24 | 22 | — | — |
| 6378 | Second Disk Attachment; for 5444 Model 3 or second Model 2 | 1,970 | 6.00 | 82 | 75 | — | — |
| 7081 | Serial I/O Channel | 4,380 | 5.00 | 204 | 185 | — | — |
| 7960 | 3411 Magnetic Tape Attachment | 2,740 | 7.50 | 156 | 142 | — | — |
| 8220 | 3741 Display Station/Programmable Work Station Attachment | 4,525 | 15.50 | 244 | 222 | — | — |
| For Model 10: | | | | | | | |
| 3480 | Dual Feed Carriage Control; for 5203 Printer | 727 | 1.00 | 32 | 30 | — | — |
| 3500 | Dual Programming Feature | 3,220 | 1.00 | 151 | 137 | — | — |
| 3901 | First 5445 Attachment | 14,060 | 32.00 | 646 | 588 | — | — |
| 3902 | Second 5445 Attachment; requires 3901 | 422 | 1.00 | 17 | 15 | — | — |
| 3970 | 5203 Printer Attachment for Model 1 | 1,845 | 10.50 | 71 | 66 | — | — |
| 3971 | For Model 2 | 1,845 | 10.50 | 73 | 67 | — | — |
| 3972 | For Model 3 | 2,690 | 14.00 | 121 | 111 | — | — |
| 4040 | 5448 Disk File Attachment | 2,590 | 24.00 | 136 | 124 | — | — |
| 4100 | 5424 MFCU Attachment for Model A1 | 3,125 | 13.50 | 107 | 97 | — | — |
| 4101 | For Model A2; requires 4100 | 3,758 | 15.50 | 125 | 114 | — | — |
| 4110 | 5741 Printer Keyboard Attachment | 1,670 | 5.00 | 67 | 61 | — | — |
| 4120 | Data Entry Keyboard Attachment | 1,875 | 1.00 | 60 | 55 | — | — |
| 4130 | 1442 Card Reader/Punch Attachment; for Models 6 and 7 | 4,890 | 14.50 | 244 | 222 | — | — |
| 4140 | 1403 Printer Attachment for Model 2 | 2,900 | 20.50 | 150 | 137 | — | — |
| 4150 | For Model 1 | 3,175 | 20.50 | 221 | 201 | — | — |
| 4501 | Higher Performance First Disk Attachment | 554 | 1.00 | 25 | 23 | — | — |
| 4502 | Second Disk Attachment | 554 | 1.00 | 25 | 22 | — | — |
| 5501 | Power Supply Expansion; provides additional 6-volt power | 1,580 | 1.00 | 63 | 57 | — | — |
| 5732 | Processing Unit Expansion A; required for any combination of RPQ 1442, 5445, 3411, or 3741 attachments | 1,285 | 3.00 | 46 | 42 | — | — |
| 5733 | Processing Unit Expansion B | 451 | .50 | 24 | 22 | — | — |
| 5734 | Processing Unit Expansion C | 1,550 | 1.00 | 69 | 63 | — | — |
| 5735 | Processing Unit Expansion D | 451 | 1.00 | 24 | 22 | — | — |
| 6378 | Second Disk Attachment; for 5444 Model 3 or second Model 2 | 1,420 | 5.00 | 58 | 53 | — | — |
| 7081 | Serial I/O Channel | 4,380 | 5.50 | 204 | 185 | — | — |
| 7951 | 3411 Magnetic Tape Attachment | 3,370 | 9.50 | 205 | 186 | — | — |
| 8220 | 3741 Display Station/Programmable Work Station Attachment | 4,525 | 15.50 | 244 | 222 | — | — |
| 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 | 32 | 30 | — | — |
| 3500 | Dual Programming Feature | 3,220 | 1.00 | 151 | 137 | — | — |
| 3960 | 5203 Printer Base Attachment | 1,290 | 7.50 | 51 | 47 | — | — |
| 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 | 70 | 64 | — | — |
| 4100 | 5424 MFCU Attachment for Model A1 | 3,125 | 13.50 | 107 | 97 | — | — |
| 4101 | For Model A2; requires 4100 | 633 | 2.00 | 18 | 17 | — | — |
| 4110 | 5741 Printer Keyboard Attachment | 1,670 | 5.00 | 67 | 61 | — | — |
| 4130 | 1442 Card Reader/Punch Attachment; for Models 6 and 7 | 4,890 | 14.50 | 244 | 222 | — | — |
| 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 | 89 | 81 | — | — |
| 4160 | 1403 Printer Base Attachment | 2,485 | 19.00 | 132 | 120 | — | — |
| 4701 | Magnetic Tape Base Attachment | 1,105 | 2.50 | 60 | 55 | — | — |

*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> |
|--|---|-----------------------|-----------------------|----------------|----------------------|----------------------|----------------------|
| PROCESSOR OPTIONS AND ATTACHMENTS (Continued) | | | | | | | |
| 5501 | Power Supply Expansion; provides 6-volt power | 1,580 | 1.00 | 63 | 57 | — | — |
| 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 | 46 | 42 | — | — |
| 5733 | Processing Unit Expansion B | 451 | .50 | 24 | 22 | — | — |
| 5734 | Processing Unit Expansion C | 1,550 | 1.00 | 69 | 63 | — | — |
| 5735 | Processing Unit Expansion D | 451 | 1.00 | 24 | 22 | — | — |
| 7081 | Serial I/O Channel | 4,380 | 5.50 | 204 | 185 | — | — |
| 7960 | 3411 Magnetic Tape Attachment | 2,740 | 7.50 | 150 | 142 | — | — |
| 8220 | 3741 Display Station/Programmable Work Station Attachment | 4,525 | 15.50 | 244 | 222 | — | — |
| 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 | 31 | 29 | — | — |
| 1601 | Channel Terminator | 2,185 | 1.00 | 56 | 51 | — | — |
| 3901 | First 5445 Attachment | 14,060 | 32.00 | 646 | 588 | — | — |
| 3903 | Second 5445 Attachment | 2,700 | 1.00 | 96 | 88 | — | — |
| 4100 | 5424 MFCU Attachment for Model A1 | 3,125 | 13.50 | 107 | 97 | — | — |
| 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 | 244 | 222 | — | — |
| 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 | 89 | 81 | — | — |
| 4160 | 1403 Printer Base Attachment | 2,485 | 19.00 | 132 | 120 | — | — |
| 5501 | Power Supply Expansion; provides 6-volt power | 1,580 | 1.00 | 63 | 57 | — | — |
| 5502 | Provides 24-volt power | 635 | 1.00 | 21 | 19 | — | — |
| 5733 | Processing Unit Expansion 1 | 451 | .50 | 24 | 22 | — | — |
| 5734 | Processing Unit Expansion 2 | 1,550 | 1.00 | 69 | 63 | — | — |
| 5735 | Processing Unit Expansion 3 | 451 | 1.00 | 24 | 22 | — | — |
| 5813/14 | DDS Adapter | 756 | 4.50 | 26 | 24 | — | — |
| 6378 | Second Disk Attachment; for 5444 Model 3 or second Model 2 | 1,970 | 6.00 | 82 | 75 | — | — |
| 7081 | Serial I/O Channel | 4,380 | 6.00 | 204 | 185 | — | — |
| 7901 | 3284/3287 Printer Attachment | 1,050 | 3.00 | 31 | 29 | — | — |
| 7951 | 3411 Magnetic Tape Attachment | 3,370 | 9.50 | 205 | 186 | — | — |
| 8090 | 2501 Card Reader Attachment | 6,270 | 7.00 | 194 | 176 | — | — |
| 8100 | 2560 MFCM Attachment | 5,890 | 15.50 | 194 | 176 | — | — |
| 8220 | 3741 Display Station/Programmable Work Station Attachment | 4,525 | 15.50 | 244 | 222 | — | — |
| CONSOLE | | | | | | | |
| 3277 | Display Station, Model 1 (required in Model 15 systems) | 2,470 | 9.00 | 74 | — | \$ 63 | — |
| 4632 | 78-key Operator Console Keyboard (required on 3277) | 1,010 | 14.00 | 33 | — | 28 | — |
| 3277 | CRT display (for 5404): | | | | | | |
| | Model 1; 480-character display | 2,470 | 9.00 | 74 | — | 63 | — |
| | Model 2; 1920-character display | 3,200 | 19.50 | 108 | — | 92 | — |
| 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 | 29 | — | 25 | — |
| MASS STORAGE | | | | | | | |
| 3340 | Direct Access Storage Facility: | | | | | | |
| | Model A-2 (2-drives plus control) | 36,000 | 92.00 | 1,154 | — | 982 | — |
| | Model B-1 (additional drive) | 19,800 | 49.00 | 645 | — | 549 | — |
| | Model B-2 (2 additional drives) | 25,200 | 79.00 | 814 | — | 693 | — |
| | Model C-2 (2 drives plus control) | 27,580 | 82.50 | 892 | — | 759 | — |
| 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 | 239 | — | — | — |
| | Model A2; 4.92 million bytes | 7,030 | 71.50 | 359 | — | — | — |
| | Model A3; 2.46 million bytes | 5,935 | 71.50 | 239 | — | — | — |
| | Model 1; 2.46 million bytes | 5,700 | 51.50 | 196 | — | — | — |
| | Model 2; 4.92 million bytes | 6,765 | 51.50 | 323 | — | — | — |
| | Model 3; 2.46 million bytes | 5,700 | 51.50 | 196 | — | — | — |
| 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 | 136 | — | — | — |
| 5445 | Disk Storage Drive: | | | | | | |
| | Model 1; first 5445 on 5415; 20.48 million bytes | 10,410 | 128.00 | 421 | — | — | — |
| | Model 2; second 5445 on 5410; 20.48 million bytes | 9,965 | 121.00 | 401 | — | — | — |
| | Model 3; dual-pack 5445, 40.76 million bytes | 20,430 | 251.00 | 822 | — | — | — |

*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* |
| MASS STORAGE (Continued) | | | | | | | |
| 5447 A1 | 5-megabyte disk drive (for 5404) | 8,730 | 93.00 | 469 | — | 399 | — |
| 5447 A2 | 10-megabyte disk drive (for 5404) | 12,065 | 144.00 | 647 | — | 551 | — |
| 5448 | 9.8-megabyte disk drive (for 5408 and 5410) | 7,060 | 100.00 | 325 | — | 277 | — |
| MAGNETIC TAPE EQUIPMENT | | | | | | | |
| 3410 | Magnetic Tape Unit: | | | | | | |
| | Model 1; 20 KB | 5,655 | 61.50 | 216 | — | 181 | 199 |
| | Model 2; 40/20 KB | 7,560 | 68.00 | 287 | — | 241 | 264 |
| | Model 3; 80/40 KB | 9,360 | 75.00 | 358 | — | 301 | 329 |
| 3411 | Magnetic Tape Unit and Control: | | | | | | |
| | Model 1; 20 KB | 12,460 | 95.00 | 476 | — | 400 | 438 |
| | Model 2; 40/20 KB | 15,770 | 102.00 | 606 | — | 509 | 558 |
| | Model 3; 80/40 KB | 19,220 | 109.00 | 736 | — | 618 | 677 |
| 3211 | Single Density Feature (for 3410 and 3411, Models 2 and 3 only) | 1,835 | 9.50 | 62 | — | 52 | 57 |
| 3221 | Dual Density Feature (for 3410 and 3411, Models 2 and 3 only) | 2,645 | 36.50 | 92 | — | 77 | 85 |
| 7003 | System/3 Attachment (required on 3411) | 2,315 | 3.50 | 86 | — | 72 | 79 |
| 3741 | Data Station: | | | | | | |
| | Model 1 | 4,680 | 46.00 | 209 | — | 178 | — |
| | Model 2 | 5,655 | 59.00 | 256 | — | 218 | — |
| 3741 | Programmable Work Station: | | | | | | |
| | Model 3 | 6,705 | 69.50 | 333 | — | 284 | — |
| | Model 4 | 7,680 | 77.00 | 382 | — | 325 | — |
| PUNCHED CARD EQUIPMENT | | | | | | | |
| 5424 | Multi-Function Card Unit: | | | | | | |
| | Model A1; reads 250 cpm, punches and prints 60 cpm | 7,810 | 212.00 | 394 | — | — | — |
| | Model A2; reads 500 cpm, punches and prints 120 cpm | 10,340 | 305.00 | 593 | — | — | — |
| 1442 | Card Read Punch: | | | | | | |
| | Model 6; reads 300 cpm, punches 80 cols/sec. | 11,110 | 119.00 | 359 | — | — | — |
| | Model 7; reads 400 cpm, punches 160 cols/sec. | 11,970 | 140.00 | 522 | — | — | — |
| 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 | 62.00 | 262 | — | — | — |
| | Model A2; 1,000 cpm | 12,550 | 88.50 | 346 | — | — | — |
| 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 | 209.00 | 838 | — | — | — |
| | Model A2; reads 310 cpm, punches 120 cols/sec. | 15,590 | 209.00 | 652 | — | — | — |
| 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 | 46.00 | 121 | — | — | — |
| | Model 2; 1,500 cpm | 3,560 | 69.50 | 165 | — | — | — |
| 5496 | Data Recorder (96-column) | 4,005 | 68.00 | 213 | — | — | — |
| 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 | 58.00 | 169 | — | — | — |
| | Model 2; Printing Punch (non-verifier) | 4,090 | 63.00 | 187 | — | — | — |
| | Model 3; Printing Punch Verifier | 4,380 | 64.50 | 202 | — | — | — |
| 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 | 192 | — | — | — |
| 5471 | Printer-Keyboard | 3,300 | 63.00 | 145 | — | — | — |
| 5475 | Data Entry Keyboard | 1,855 | 8.50 | 54 | — | — | — |
| PRINTERS | | | | | | | |
| 3284 | Matrix printer; 40 cps (for 5404): | | | | | | |
| | Model 1; 480-character buffer | 4,255 | 51.50 | 148 | — | 126 | — |
| | Model 2; 1920-character buffer | 4,775 | 51.50 | 157 | — | 134 | — |
| 3286 | Matrix printer; 66 cps (for 5404): | | | | | | |
| | Model 1; 480-character buffer | 5,690 | 54.00 | 177 | — | 151 | — |
| | Model 2; 1920-character buffer | 6,305 | 54.00 | 187 | — | 159 | — |
| 3287 | Matrix printer: | | | | | | |
| | Model 1; 80 cps | 5,680 | 49.00 | 175 | — | 149 | — |
| | Model 2; 120 cps | 6,055 | 60.50 | 213 | — | 181 | — |

*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> |
| PRINTERS (Continued) | | | | | | | |
| 8330 | 3271/3272 Attachment | 910 | 3.50 | 32 | — | 27 | — |
| 8700 | Variable-Width Forms Tractor | 160 | 0.50 | 6 | — | 5 | — |
| 3288 | Line Printer; 120 lpm (for 5404) | 10,625 | 91.00 | 403 | — | 343 | — |
| 5213 | Printer: | | | | | | |
| | Model 1; pin-feed platen (for Model 6 only) | 4,115 | 66.00 | 187 | — | — | — |
| | Model 2; vertical forms control (for Model 6 only) | 5,310 | 90.00 | 235 | — | — | — |
| | Model 3; vertical forms control, bidirectional printing (for Model 4 or Model 6 only) | 5,440 | 103.00 | 294 | — | — | — |
| 2222 | Printer (with ledger card device; for Model 6 only): | | | | | | |
| | Model 1; unidirectional printing | 10,930 | 144.00 | 411 | — | — | — |
| | Model 2; bidirectional printing | 11,070 | 157.00 | 453 | — | — | — |
| 5203 | Printer (for Model 8, Model 10, and Model 12 only): | | | | | | |
| | Model 1; 100 lpm, 96 positions | 7,005 | 84.00 | 285 | — | — | — |
| | Model 2; 200 lpm, 96 positions | 7,805 | 94.50 | 347 | — | — | — |
| | Model 3; 300 lpm, 96 positions | 10,880 | 158.00 | 512 | — | — | — |
| 3475 | Dual-Feed Carriage (for 5203) | 2,865 | 24.00 | 92 | — | — | — |
| 4730 | Additional Chain Cartridge (for 5203 Model 1 and 2) | 2,865 | 1.50 | 92 | — | — | — |
| 4740 | Additional Chain Cartridge (for 5203 Model 3) | 2,145 | 40.50 | 129 | — | — | — |
| 5558 | 24 Additional Print Positions (for 5203) | 1,180 | 2.50 | 61 | — | — | — |
| 5559 | 12 Additional Print Positions (for 5203) | 587 | — | 30 | — | — | — |
| 5560 | 36 Additional Print Positions (for 5203) | 1,750 | 2.50 | 92 | — | — | — |
| 8639 | Universal Character Set Attachment (for 5203) | 236 | 1.50 | 10 | — | — | — |
| 1403 | Printer (requires 5421): | | | | | | |
| | Model 2; 600 lpm, 132 positions | 22,000 | 339.00 | 970 | — | 815 | 892 |
| | Model 5; 465 lpm, 132 positions | 21,070 | 244.00 | 750 | — | 630 | 690 |
| | Model N1; 1100 lpm, 132 positions | 38,140 | 392.00 | 1,135 | — | 953 | 1,044 |
| 1416 | Interchangeable Train Cartridge (for 1403 Model N1) | 2,665 | Time & Mat'l. | 106 | — | — | — |
| 1376 | Auxiliary Ribbon Feeding (for 1403 Model 2 or 5) | 2,000 | 29.50 | 92 | — | 77 | 85 |
| 4740 | Interchangeable Chain Cartridge Adapter (for 1403 Model 2 or 5) | 2,030 | — | 92 | — | 77 | 85 |
| 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 | — | — | — |
| MICR/OCR EQUIPMENT | | | | | | | |
| 1255 | Magnetic Character Reader (requires #7081): | | | | | | |
| | Model 1; 500 dpm, 6 stackers | 35,460 | 288.00 | 949 | — | — | — |
| | Model 2; 750 dpm, 6 stackers | 40,590 | 460.00 | 1,155 | — | — | — |
| | Model 3; 750 dpm, 12 stackers | 55,260 | 606.00 | 1,520 | — | — | — |
| 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 | 4.50 | 141 | — | — | — |
| 7060 | Self-Checking Numbers (for 1255) | 2,135 | 2.50 | 56 | — | — | — |
| 3881 | Optical Mark Reader (requires #7081): | | | | | | |
| | Model 1; for on-line use | 51,390 | 158.00 | 1,575 | — | 1,340 | — |
| | Model 2; for off-line use | 46,800 | 125.00 | 1,434 | — | 1,220 | — |
| | Model 3; for off-line use | 59,940 | 150.00 | 1,739 | — | 1,480 | — |
| 1471 | BCD Read (for 3881) | 2,150 | 1.50 | 63 | — | 54 | — |
| 3450 | Document Counters (for 3881) | 853 | 2.00 | 22 | — | 19 | — |
| 3550 | Dual Density (for 3881 Model 2 only) | 5,410 | 0.50 | 163 | — | 139 | — |
| 3801 | Expanded Storage (for 3881) | 2,150 | 0.50 | 63 | — | 54 | — |
| 6451 | Serial Numbering (for 3881) | 6,325 | 25.00 | 192 | — | 163 | — |
| COMMUNICATIONS EQUIPMENT | | | | | | | |
| 2074 | Binary Synchronous Communications Adapter; for Models 4, 8, 10, 12, 15 | 6,895 | 78.50 | 361 | 328 | — | — |
| 1315 | Auto Call Feature; for all models | 1,170 | 1.00 | 52 | 48 | — | — |
| 3601 | EIA Local Attachment; for Models 8, 10, 12, 15 | 563 | 1.00 | 31 | 29 | — | — |
| 4703 | Internal Clock Feature; for all models | 734 | 1.00 | 32 | 30 | — | — |
| 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 | 36 | 33 | — | — |
| 7477 | Station Selection Feature; for all models | 580 | 1.00 | 25 | 23 | — | — |
| 7850 | Text Transparency Feature; for all models | 580 | 1.00 | 25 | 23 | — | — |
| 2084 | Binary Synchronous Communications Adapter, Second (#2074 is a prerequisite); for Models 10, 12, 15 | 6,895 | 63.00 | 361 | 328 | — | — |
| 2094 | Second Binary Synchronous Communications Adapter (for Model 15D only) | 9,205 | 30.00 | 413 | 375 | — | — |
| 1325 | Auto Call Feature; for Models 10, 12, 15 | 1,170 | 1.00 | 52 | 48 | — | — |
| 3602 | EIA Local Attachment; for Models 10, 12, 15 | 563 | 1.00 | 31 | 29 | — | — |
| 4723 | Internal Clock; for Models 10, 12, 15 | 734 | 1.00 | 32 | 30 | — | — |
| 4782 | 1200 bps Integrated Modem (requires #4723 and #5202); for Models 8, 10, 12, 15 | 516 | 5.00 | 24 | 22 | — | — |

*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> |
| COMMUNICATIONS EQUIPMENT (Continued) | | | | | | | |
| 5202 | Modem Base (for mounting #4782); for Models 10, 12, 15 | 937 | 2.50 | 36 | 33 | — | — |
| 7487 | Station Selection Feature; for Models 10, 12, 15 | 580 | 1.00 | 25 | 23 | — | — |
| 7851 | Text Transparency Feature; for Models 10, 12, 15 | 580 | 1.00 | 25 | 23 | — | — |
| 4645 | Integrated Communications Adapter; for Models 8 and 12 | 4,415 | 17.00 | 165 | 151 | — | — |
| 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 | 28 | 26 | — | — |
| 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 | 28 | 26 | — | — |
| 6202 | Synchronous Line, Medium Speed (up to 7200 bps); for Models 8 and 12 | 2,300 | 2.50 | 87 | 79 | — | — |
| 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 | 186 | 170 | — | — |
| 4704 | Display Increment (for three additional displays and/or printers); for Models 4, 8, 12 | 1,050 | 1.00 | 42 | 38 | — | — |
| 4705 | Model 2 Attachment (for Model 2 displays or printers); for Models 4, 8, 12 | 599 | 3.50 | 24 | 22 | — | — |
| 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 | 194 | 176 | — | — |
| | For Models 10 and 15 | 4,570 | 27.00 | 194 | 176 | — | — |
| 4601 | Display Adapter; for Model 15 | 9,340 | 27.00 | 312 | 284 | — | — |
| 4602 | Device Interface; for Model 15 | 1,310 | 1.00 | 42 | 38 | — | — |
| 4891 | First Line Base | 999 | 5.00 | 43 | 39 | — | — |
| 4892 | Second Line Base | 999 | 5.00 | 43 | 39 | — | — |

*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> |
| PROGRAM PRODUCTS—SYSTEMS | | | | | | |
| BASIC | — | \$127 | — | — | — | — |
| Basic Assembler | — | — | \$ 90 | \$ 90 | \$ 89 | \$106 |
| COBOL, subset ANS with library | — | — | 94 | 94 | 89 | 106 |
| FORTRAN IV, disk-based | — | 120 | 110 | 110 | 118 | 141 |
| Sort, CCP, disk-based | \$15 | — | — | — | — | 17 |
| Sort, disk-based | 10 | 10 | 10 | 10 | 47 | 56 |
| 5445 & 5448 feature | — | — | 69 | 69 | — | Incl. |
| Sort, tape-based | — | — | 76 | 76/76* | 81 | 97 |
| RPG II, card-based | — | — | — | 37* | — | — |
| Braille feature | — | — | — | — | — | — |
| BSCA feature | — | — | — | 37* | — | — |
| Tape feature | — | — | — | 32* | — | — |
| RPG II, disk-based | 40 | 40 | 54 | 54 | 89 | 106 |
| Auto Report feature | 17 | 17 | 17 | 17 | Incl. | Incl. |
| BSCA feature | 46 | 46 | 46 | 46 | Incl. | Incl. |
| Tape feature | — | — | 39 | 39 | Incl. | Incl. |
| 3270 Display Control feature | 25 | — | 25 | 25 | 22 | 22 |
| 5445 & 5448 feature | — | — | 39 | 39 | — | Incl. |
| Utilities, Card | — | — | — | 10* | — | 17 |
| Utilities, Conversational | 16 | 16 | — | — | — | — |
| Utilities, Disk Based Card | — | — | 10 | 10 | 16 | 16 |
| Utility, 1255 | — | 87 | 75 | 75 | 72 | — |

*Model 10 card-only system.

IBM System/3

SOFTWARE PRICES

| PROGRAM PRODUCTS— APPLICATIONS | Monthly License Fees | | | | | |
|--|----------------------|---------|---------|----------|----------|----------|
| | Model 4 | Model 6 | Model 8 | Model 10 | Model 12 | Model 15 |
| Apparel Business Control** | --- | --- | --- | \$ 82* | --- | --- |
| Appropriation Accounting System** | --- | --- | --- | 132* | --- | --- |
| Bill of Material Processor** | --- | --- | --- | 61 | --- | --- |
| Business Analysis/BASIC** | \$ 61 | \$ 61 | \$ 61 | --- | --- | --- |
| Card Bill of Material & Requirements Planning** | --- | --- | --- | 71* | --- | --- |
| Citation Processing** | --- | --- | --- | 132* | --- | --- |
| Data Collection Support for System/3 | --- | --- | --- | --- | \$ 38 | --- |
| DATA/3 | --- | --- | 149 | 149 | 142 | \$149 |
| EPIC—Socrates | --- | --- | --- | --- | 192 | --- |
| EPIC—Fast | --- | --- | --- | --- | 104 | --- |
| EPIC—Budget Finance | --- | --- | --- | --- | 121 | --- |
| EPIC—Student | --- | --- | --- | --- | 87 | --- |
| Health Welfare & Pension Fund** | 232 | 232 | --- | --- | --- | --- |
| 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 | --- | --- | 163 | 163 | --- | --- |
| Stat/BASIC | 46 | 46 | --- | --- | --- | --- |
| Unit Inventory Techniques** | --- | --- | --- | 82* | --- | --- |
| Utility Billing System** | --- | --- | --- | 87* | --- | --- |

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