

IBM System/3 Models 10 & 15

► **MINIMUM SYSTEM:** The basic configuration required to utilize the Model 15 programming support consists of a 5415 Model A17 Processing Unit (49K 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 is \$141,100; monthly rental (including maintenance), \$3,305.

EXPANDED SYSTEM: A typical large Model 15 disk system consists of a 5415 Model A20 Processing Unit (131K bytes), 3277 Model 1 Display Station, 1403 Model N1 Printer, 2560 Model A1 MFCM, 2501 Model A2 Card Reader, one 5444 Model A2 Disk Drive, and four 5445 Disk Storage Drives, plus all necessary attachments and control units. Purchase price is \$295,100; monthly rental (including maintenance), \$7,040. ■

EQUIPMENT PRICES

| | Purchase Price | Monthly Maint. | Rental (short-term lease)* |
|--|-------------------|-------------------|----------------------------------|
| PROCESSOR AND MAIN STORAGE | | | |
| 5410 Model 10 Processing Unit (for non-disk systems) | | | |
| Model A2; 8,192 bytes | \$ 16,400 | \$38.75 | \$ 334 |
| Model A3; 12,288 bytes | 21,700 | 42.75 | 442 |
| Model A4; 16,384 bytes | 22,400 | 42.75 | 566 |
| Model A5; 24,576 bytes | 40,000 | 57 | 816 |
| Model A6; 32,768 bytes | 40,700 | 57 | 1,060 |
| Model A7; 49,152 bytes | 59,000 | 79 | 1,380 |
| 5410 Model 10 Processing Unit (for disk system) | | | |
| Model A12; 8,192 bytes | 23,000 | 85 | 470 |
| Model A13; 12,288 bytes | 28,300 | 89 | 576 |
| Model A14; 16,384 bytes | 29,100 | 89 | 698 |
| Model A15; 24,576 bytes | 46,600 | 104 | 948 |
| Model A16; 32,768 bytes | 47,300 | 104 | 1,190 |
| Model A17; 49,152 bytes | 65,600 | 126 | 1,510 |
| 3500 Dual Program Feature (for 5410) | 5,830 | 1 | 118 |
| 5732 Processing Unit Expansion Feature A (for 5410) | 1,850 | 3 | 37 |
| 5415 Model 15 Processing Unit: | | | |
| Model A17; 49,152 bytes | 63,000 | 210 | 1,510 |
| Model A18; 65,536 bytes | 67,000 | 215 | 1,610 |
| Model A19; 98,304 bytes | 78,000 | 220 | 1,860 |
| Model A20; 131,072 bytes | 86,000 | 230 | 2,060 |
| 5501 Power Supply Expansion | 2,290 | 1.00 | 51 |
| 5733 Processing Unit Expansion 1 | 816 | .50 | 20 |
| 5734 Processing Unit Expansion 2 (5733 is prerequisite) | 2,240 | 1.00 | 56 |
| 5735 Processing Unit Expansion 3 (5734 is prerequisite) | 816 | 1.00 | 20 |
| CONSOLE | | | |
| 3277 Display Station, Model 1 (required) | 3,460 | 7 | 76 |
| 4632 78-Key Operator Console Keyboard (required on 3277) | 1,420 | 11 | 35 |
| MASS STORAGE | | | |
| 5444 Disk Storage Drive | | | |
| Model A1; 2.46 million bytes | 8,610 | 66 | 204 |
| Model A2; 4.92 million bytes | 10,200 | 66 | 306 |
| Model A3; 2.46 million bytes | 8,610 | 66 | 204 |
| Model 1; 2.46 million bytes | 8,720 | 47.75 | 167 |
| Model 2; 4.92 million bytes | 10,400 | 47.75 | 275 |
| Model 3; 2.46 million bytes | 8,720 | 47.75 | 167 |
| 5540 Disk Cartridge (for 5444 drives) | 175 | Time & Maint. | Purchase Only |

*Rental prices include equipment maintenance.

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| | | Purchase Price | Monthly Maint. | Rental (short-term lease)* |
|---------------------------------|--|-------------------|-------------------|----------------------------------|
| MASS STORAGE (Continued) | | | | |
| 6378 | Second Disk Attachment (required on 5410 and 5415 for a 5444 Model 2 and 3 series) | \$ 2,560 | \$ 5 | \$ 47 |
| 4501 | Higher-Performance First Disk Attachment | 999 | 1 | 20 |
| 4502 | Higher-Performance Second Disk Attachment (required on 5410 for a 5444 Mod. A3 or 2nd 5444 Mod. A2; #6378 is a prerequisite) | 999 | 1 | 20 |
| 5445 | Disk Storage Drive: | | | |
| | Model 1; first 5445 on 5410 or 5415; 20.48 million bytes | 16,000 | 86 | 357 |
| | Model 2; second 5445 on 5410 or 5415; 20.48 million bytes | 15,300 | 81 | 341 |
| | Model 3; dual-pack 5445, 40.76 million bytes | 31,400 | 168 | 698 |
| 3901 | First 5445 Disk Attachment (for 5410 and 5415); required for Model 1 and 3. | 20,400 | 33.50 | 510 |
| 3902 | Second 5445 Disk Attachment for 5410; required for Model 2 and 3. | 612 | 1 | 15 |
| 3903 | Second 5445 Attachment (for 5415); required for Model 2 or Model 3. | 3,000 | 1 | 75 |
| 5732 | Processing Unit Expansion A (required on 5410 for connection of #3901) | 1,850 | 3 | 37 |
| 5733 | Processing Unit Expansion B (required on 5410 if both #3901 and #2074. BSCA, are installed) | 816 | .50 | 20 |
| INPUT/OUTPUT UNITS | | | | |
| 3410 | Magnetic Tape Unit: | | | |
| | Model 1; 20 KB | 7,850 | 45.75 | 188(1) |
| | Model 2; 40/20 KB | 10,500 | 51 | 249(1) |
| | Model 3; 80/40 KB | 13,000 | 56 | 311(1) |
| 3411 | Magnetic Tape Unit and Control: | | | |
| | Model 1; 20 KB | 17,300 | 71 | 412(1) |
| | Model 2; 40/20 KB | 21,900 | 76 | 525(1) |
| | Model 3; 80/40KB | 26,700 | 81 | 637(1) |
| 3211 | Single Density Feature (for 3410 & 3411, Models 2 & 3 only) | 2,550 | 7.50 | 55(1) |
| 3221 | Dual Density Feature (for 3410 & 3411, Models 2 & 3 only) | 3,670 | 27.50 | 81(1) |
| 7003 | System/3 Attachment (required on 3411) | 3,210 | 3 | 76(1) |
| 7951 | 3411 Magnetic Tape Attachment (required on 5410 Processing Unit) | 4,890 | 10 | 163 |
| 5424 | Multi-Function Card Unit: | | | |
| | Model A1; reads 250 cpm, punched and prints 120 cpm | 13,500 | 204 | 437 |
| 4100 | MFCU Attachment (required on 5415 for 5424 Mod. A1) | 4,530 | 14.25 | 85 |
| 4101 | MFCU Attachment (required on 5415 for 5424 Mod. A2; 4100 is prerequisite) | 900 | 2 | 16 |
| 1442 | Card Read Punch | | | |
| | Model 6; reads 300 cpm punches 80 cols/sec. | 14,400 | 56 | 270 |
| | Model 7; reads 400 cpm, punches 160 cols/sec. | 15,500 | 66 | 392 |
| 3950 | 5415 Coupling (required on 1442) | 1,500 | 1 | 30 |
| 4130 | 1442 Attachment (required on 5415) | 9,310 | 15.25 | 193 |
| 2501 | Card Reader (Model 15 only) | | | |
| | Model A1; 600 cpm | 11,200 | 35.50 | 198 |
| | Model A2; 1,000 cpm | 11,400 | 49.75 | 260 |

*Rental prices include equipment maintenance.

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

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EQUIPMENT PRICES

| | | Purchase Price | Monthly Maint. | Rental (short-term lease)* |
|---------------------------------------|---|-------------------|-------------------|----------------------------------|
| INPUT/OUTPUT UNITS (Continued) | | | | |
| 3630 | 2501 Coupling (required on 2501) | \$ 153 | \$ NC | \$ 5 |
| 8090 | 2501 Attachment (required on 5415) | 6,700 | 7.50 | 150 |
| 2560 | Multi-Function Card Machine (Model 15 only): | | | |
| | Model A1; reads 500 cpm, punches 160 col/sec. | 27,500 | 98 | 627 |
| | Model A2; reads 310 cpm, punches 120 col/sec. | 20,200 | 98 | 489 |
| 8100 | 2560 MFCM Attachment (required on 5415) | 6,300 | 16 | 150 |
| 1580 | Card Print Control (for 5415) | 1,250 | 3 | 25 |
| Card Print Feature for 2560 Model A1: | | | | |
| 1575 | First Two Lines (requires 1580 on 5415) | 5,990 | 14.25 | 137 |
| 1576 | Second Two Lines | 5,990 | 14.25 | 137 |
| 1577 | Third Two Lines | 5,990 | 14.25 | 137 |
| 5422 | Disk Enclosure (required for attachment of 5444 Disk Storage Drives when 5424 MFCU is not used) | 4,990 | 12 | 102 |
| 5203 | Printer: | | | |
| | Model 1; 100 lpm, 96 positions | 11,400 | 68 | 247 |
| | Model 2; 200 lpm, 96 positions | 12,700 | 77 | 301 |
| | Model 3; 300 lpm, 96 positions | 17,700 | 129 | 443 |
| 3475 | Dual-Feed Carriage (for 5203) | 3,960 | 20.25 | 80 |
| 4730 | Additional Chain Cartridge (for 5203 Mod. 1 & 2) | 3,960 | 1 | 80 |
| 4740 | Additional Chain Cartridge (for 5203 Mod. 3) | 2,960 | 33.50 | 112 |
| 5558 | 24 Additional Print Positions (for 5203) | 1,620 | 2 | 54 |
| 5560 | 36 Additional Print Positions (for 5203) | 2,420 | 2 | 80 |
| 8639 | Universal Character Set Attachment (for 5203) | 324 | 1 | 10 |
| 3970 | Printer Attachment (required for 5203 Mod. 1) | 3,160 | 10 | 59 |
| 3971 | Printer Attachment (required for 5203 Mod. 2) | 3,160 | 10 | 59 |
| 3972 | Printer Attachment (required for 5203 Mod. 3) | 4,610 | 13.25 | 96 |
| 3480 | Dual Feed Carriage Control (required on 5410 for #3475 on 5203) | 1,310 | 1 | 26 |
| 8642 | Universal Character Set Control (required on 5410 for #6639 on 5203) | 486 | 1 | 15 |
| 1403 | Printer: | | | |
| | Model 2; 600 lpm, 132 positions | 28,500 | 174 | 764(1) |
| | Model 5; 465 lpm, 132 positions | 27,300 | 125 | 591(1) |
| | Model N1; 1100 lpm, 132 positions | 34,600 | 200 | 892(1) |
| 1416 | Interchangeable Train Cartridge (for 1403 Mod. N1) | 2,960 | Time & Mat'l | 98 |
| 1376 | Auxiliary Ribbon Feeding (for 1403 Mod. 2 or 5) | 2,590 | 16 | 74(1) |
| 4740 | Interchangeable Chain Cartridge Adapter (for 1403 Mod. 2 or 5) | 2,630 | NC | 74(1) |
| 8640 | Universal Character Set Feature (for 1403 Mod. N1) | 387 | 1.75 | 10(1) |
| 8641 | Universal Character Set Feature (for 1403 Mod. 2) | 387 | 1.75 | 10(1) |
| 5421 | Printer Control Unit (required for 1403 Mod. 2, 5, or N1) | 12,900 | 26.50 | 265 |
| 4135 | 1403 Model 5; Printer Attachment | 4,790 | 21.25 | 112 |
| 4140 | 1403 Model 2; Printer Attachment | 5,250 | 21.25 | 122 |
| 4150 | 1403 Model N1; Printer Attachment | 5,760 | 21.25 | 178 |
| 1255 | Magnetic Character Reader: | | | |
| | Model 1; 500 dpm, 6 stackers | 39,400 | 214 | 821 |
| | Model 2; 750 dpm; 6 stackers | 45,100 | 341 | 999 |
| | Model 3; 750 dpm, 12 stackers | 61,400 | 448 | 1,320 |

*Rental prices include equipment maintenance.

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

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| | | Purchase Price | Monthly Maint. | Rental (short-term lease)* |
|---------------------------------------|---|-------------------|-------------------|----------------------------------|
| INPUT/OUTPUT UNITS (Continued) | | | | |
| 3215 | Dash Symbol Transmission (for 1255) | \$ 35 | \$ NC | \$ 50(1) |
| 4380 | 51-column Card Sorting (for 1255) | 734 | NC | 15 |
| 4520 | High-Order Zero & Blank Selection (for 1255 Mod. 3 only) | 1,460 | 5 | 30 |
| 6303 | System/3 Adapter (required on 1255) | 5,930 | 4 | 123 |
| 7060 | Self-Checking Numbers (for 1255) | 2,370 | 2.50 | 49 |
| 7081 | Serial I/O channel (required on 5415 for connection of 1255 or 3881) | 7,940 | 5 | 162 |
| 3881 | Optical Mark Reader: | | | |
| | Model 1; for on-line use | 57,100 | 142 | 1,368(2) |
| | Model 2; for off-line use | 52,000 | 112 | 1,248(2) |
| 1471 | BCD Read (for 3881) | 2,390 | 1.50 | 56(2) |
| 3450 | Document Counters (for 3881) | 948 | 2 | 22(2) |
| 3550 | Dual Density (for 3881 Model 2 only) | 6,010 | .50 | 142(2) |
| 3801 | Expanded Storage (for 3881) | 2,390 | .50 | 56(2) |
| 6451 | Serial Numbering (for 3881) | 7,030 | 25.50 | 167(2) |
| 5471 | Printer-Keyboard | 5,070 | 32.50 | 108 |
| 4110 | Printer-Keyboard Attachment (required on 5410) | 3,020 | 5 | 54 |
| 5475 | Data Entry Keyboard | 2,420 | 7 | 42 |
| 4120 | Data Entry Keyboard Attachment (required on 5410) | 2,720 | 1 | 47 |
| 5486 | Card Sorter: | | | |
| | Model 1; 1,000 cpm | 4,780 | 38.75 | 91 |
| | Model 2; 1,500 cpm | 5,470 | 59 | 123 |
| 5496 | Data Recorder | 7,750 | 55 | 158 |
| COMMUNICATIONS EQUIPMENT | | | | |
| 2074 | Binary Synchronous Communications Adapter (requires #5733 on 5415 Processing Unit) | 12,500 | 66 | 285 |
| 1315 | Auto Call Feature (for #2074) | 2,110 | 1 | 42 |
| 3601 | EIA Local Attachment (for 2074) | 1,020 | 1 | 25 |
| 4703 | Internal Clock Feature (for #2074) | 1,320 | 1 | 26 |
| 7477 | Station Selection Feature (for #2074) | 1,050 | 1 | 21 |
| 7850 | Text Transparency Feature (for #2074) | 1,050 | 1 | 21 |
| 2084 | Binary Synchronous Communications Adapter, Second (#2074 is a prerequisite) | 12,500 | 66 | 285 |
| 1325 | Auto Call Feature (for #2084) | 2,110 | 1 | 42 |
| 3602 | EIA Local Attachment (for #2084) | 1,020 | 1 | 25 |
| 4723 | Internal Clock (for #2084) | 1,320 | 1 | 26 |
| 7487 | Station Selection Feature (for #2084) | 1,050 | 1 | 21 |
| 7851 | Text Transparency Feature (for #2084) | 1,050 | 1 | 21 |
| 4765 | Local Communication Adapter (permits local attachment of a 3741 Model 2 Data Station, a 3271 Control Unit, or a 3275 Display Station) | 6,630 | 28.50 | 153 |

*Rental prices include equipment maintenance.

- (1) One-time charge.
- (2) A discount of 15% from these rental prices is available under a 24-month Extended-Term Lease.

IBM System/3 Models 10 & 15
SOFTWARE PRICES

| | <u>Monthly License Fee</u> |
|---|--------------------------------|
| SYSTEM/3 MODEL 10 | |
| Program Products – Systems | |
| ANS COBOL Subset Compiler | 76 |
| Card RPG II | 35 |
| Magnetic Tape Feature | 30 |
| Telecommunications Feature | 35 |
| Card System Utilities | 10 |
| Card Magnetic Tape Sort Programs | 71 |
| Disk FORTRAN IV | 102 |
| Disk RPG II | 45 |
| Telecommunications Feature | 35 |
| 5445 Disk Storage Drive Feature | 30 |
| Auto Report Feature | 15 |
| Magnetic Tape Feature | 30 |
| Disk Sort | 10 |
| 5445 Disk Storage Drive Feature | 51 |
| Disk Magnetic Tape Sort Programs | 71 |
| Disk-Resident Card Utilities | 10 |
| 1255 Magnetic Character Reader Utility | 61 |
| Program Products – Applications | |
| Apparel Business Control (card) | 76 |
| Appropriation Accounting System (card) | 122 |
| Bill of Material Processor (disk) | 51 |
| Card Bill of Material and Requirements Planning | 66 |
| Citation Processing System (card) | 122 |
| Hospital Accounts Receivable (card) | 35 |
| Hospital Patient Billing (card) | 66 |
| Inventory and Requirements Planning (disk) | 76 |
| Job Analysis System (disk) | 71 |
| Law Enforcement System (card) | 81 |
| Optimum Blending (card) | 91 |
| Order Point Technique for Inventory Mgmt (card) | 51 |
| Property and Liability Agency Accounting (card) | 66 |
| Retail Unit Inventory Techniques (card) | 76 |
| Utility Billing System (card) | 81 |
| | <u>Single Use Charge</u> |
| Application Customizer Service – Card Systems: | |
| Order Writing and Invoicing | 357 |
| Inventory Accounting | 331 |
| Accounts Receivable | 331 |
| Sales Analysis | 311 |
| Payroll | 418 |
| General Ledger | 285 |
| Accounts Payable | 377 |
| Labor Distribution | 377 |

IBM System/3 Models 10 & 15 SOFTWARE PRICES

| | Single Use Charge |
|--|----------------------|
| Application Customizer Service – Disk Systems: | |
| Order Writing and Invoicing | 719* |
| Inventory Accounting and Management | 693* |
| Accounts Receivable | 668* |
| Sales Analysis | 642* |
| Application Development Service – Card Systems: | |
| Order Writing and Invoicing | 1,550 |
| Inventory Accounting | 1,090 |
| Accounts Receivable | 1,420 |
| Sales Analysis | 1,320 |
| Monthly License Fee | |
| SYSTEM/3 MODEL 15 | |
| Program Products – Systems | |
| ANS COBOL Subset Compiler (5704-CB1) | 76 |
| Basic Assembler (5704-AS1) | 76 |
| Card Utilities (5704-UT1) | 15 |
| Disk Sort (5704-SM1) | 40 |
| FORTRAN IV (5704-F01) | 102 |
| Magnetic Tape Sort (5704-SM2) | 71 |
| RPG II (5704-RG1) | 76 |
| Program Products – Applications | |
| Bill of Material Processor (5703-M41) | 51 |
| DATA/3 | 122 |
| Health, Welfare and Pension Funds (5703-N11) | 178 |
| Inventory and Requirements Planning (5703-M52) | 76 |
| Property and Liability Agency Accounting System (5701-N21) | 66 |
| System for Television and Radio (5702-K11) | 382 |

*\$100 Additional charge for Customized Source Card

N.B. On November 26, 1973, IBM announced an all-encompassing price increase of approximately 2 percent on rental, purchase prices and charges for maintenance, education, and program products. A 10 percent increase was set for systems engineering services and field engineering hourly (per call) services. The increases for equipment rentals, monthly maintenance charges, education services, and programming products will become effective March 1, 1974. The new purchase prices and new rates for systems engineering and hourly maintenance services became effective immediately upon announcement. Users with IBM Extended-Term Plan or Fixed-Term Plan leases that were in effect before the November 26 announcement will not be affected, but any new FTP or ETP leases or extensions signed after November 26, 1973, will incorporate the 2 percent increase. Any equipment scheduled for shipment on or after March 1, 1974, will be subject to the new prices.

The new hourly rates for Field Engineering equipment and programming services outside the scope of an IBM agreement rose as much as \$3.75 per hour. For Class 2 equipment, which includes unit record and accounting machines and most components of the System/3, the new hourly rates are \$33.00 per hour during normal IBM working hours and \$43.00 per hour at other times.