

## IBM System/34

► System/7 acts as a System/3; a System/32 with RPG II or Basic Assembler; IBM 3741 Models 2 and 4, point-to-point only (no multiple file support); an IBM 3747, point-to-point only; an IBM 5231 Model 2 as a 3741; and a Series 1 as a System/3. In the SNA/SDLC environment, SSP-ICF supports a System/370 using NCP/VS and TCAM Direct (TCAM 10), or VTAM or ACF/NCP/VS and ACF/TCAM or ACF/VTAM; a System/370 with IMS/VS Version 1.1.4 using SLU type P protocols; a System/370 with CICS/VS Version 1.3.0 and OS/VS where the System/34 acts as a 3790; a System/370 with CICS/VS Version 1.3.0 and DOS/VS where the System/34 acts as a 3790; and a System/370 with user-written communication support using SNA protocol profiles TSP 3 or 4 and FMP 3 or 4. System/34-to-System/34 SDLC communications are also supported.

**SYSTEM/34 UTILITIES PROGRAM PRODUCT (5726-UTI):** In addition to the file management utilities supplied with the SCP control program, IBM offers a System/34 Utilities Program Product that provides basic data management capabilities. This separately priced program product consists of five programs; Data File Utility (DFU), Sort, Source Entry Utility (SEU), Screen Design Aid (SDA), and Work Station Utility (WSU).

The *Data File Utility (DFU)* program provides the following data base management functions: data file creation and maintenance, data file inquiry, and data file list. All three functions utilize catalogued RPG II File Description and Input Specifications so that the operator need enter only the name of the file and the name of the catalogued RPG II specifications. The utility prompts the operator to enter additional information required to tailor the program to the user's processing requirements.

The *System/34 Sort Utility* provides basically the same functions as the System/3 and System/32 sorts. Disk files can be sorted in ascending, descending, or user-defined sequence. The Sort program accepts file organized in sequential, indexed, or direct order and automatically allocates disk space for a work file. IBM enhancements to the System/34 Sort include support for multiple input files, a loadable Sort interface from user programs written in COBOL or Basic Assembler, ALTSEQ by field, and standard sequencing when control fields are equal.

The *Source Entry Utility (SEU)* program can be used to create and maintain user-written OCL procedures; specifications for display formats, 1255 control, Auto Report, and the Workstation Utility; FORTRAN, Assembler, and RPG II source code statements; and Sort source code statements. The SEU is accompanied by Sort, RPG II, Auto Report, and format descriptions to aid the user in entering source statements correctly. Display formats are free-form for any statement to be entered, with user-defined display formats permitted.

The *Work Station Utility (WSU)* provides a set of specifications for defining interactive data entry programs which support one or more IBM 5251 Display Stations. Included in the program variables provided by the WSU specifications are job name, number of workstations, region size; Transaction File (a special direct-organization disk file created and managed by WSU to contain key-entered records for disk files); formats to be displayed on the IBM 5251 to prompt for data entry and/or display error messages; arithmetic, logical edit, or I/O operations to be performed on conjunction with the entry of data in response to a display format; and references to RPG II file and input specifications for a description of the transaction and master files.

The *Screen Design Aid (SDA)* is an interactive utility for the design, creation, and maintenance of display formats and job menus. Entire formats can be updated or deleted, and individual source specifications can be updated, inserted, or

deleted. SDA allows for the creation and updating of menus and their associated source members.

**LANGUAGES:** IBM now offers the BASIC, COBOL, RPG II, FORTRAN and Assembly languages for use with the System/34.

*System/34 BASIC (5726-BA1)* is an interactive compiler that enables the user to check the syntax of each line and to display the correct syntax. Additional features of System/34 BASIC include the ability to halt execution for examining or changing variables followed by resumption of program execution, the ability to display screen formats, and a screen scrolling capability.

*System/34 COBOL (5726-CB1)* is designed according to the specification for American National Standard (ANS) COBOL, X3.23 1974. IBM extensions to the standard COBOL include use of apostrophe instead of quotes, extended data types of computational-3 (packed) and computational-4 (binary), indexed file support for CORE-INDEX, additional debugging support with EXHIBIT and TRACE, ACCEPT from the console, DISPLAY upon the console, and the elimination of the need for CALLs to assembler routines.

*RPG II (Report Program Generator (5726-RG1))* is identical to its System/32 counterpart except for certain functions implemented to support multiple workstations and to provide SSP-ICF support. The programmer, using preprinted coding forms, prepares a set of specifications that describe the form of the input data, the calculations to be performed, and the format of the desired output.

*System/34 FORTRAN IV (5726-F01)* contains the features defined in ANS Basic FORTRAN, X3.10.1966. The System/34 FORTRAN IV library contains mathematical and service subprograms required during execution to perform arithmetic operations, input and output constant conversions, and input/output control.

The *Basic Assembler and Macro Processor (5726-ASI)* produces relocatable object programs that are subsequently converted to executable format by the SSP overlay linkage editor. Source statement programs, relocatable object programs, and executable load modules are stored in the System/34 libraries.

**PRPQ WORK STATION SUPPORT SUBROUTINES (5799-AYW):** These subroutines operate under SSP and provide the COBOL and Basic Assembler user with access to the workstation formatting capabilities of the Screen Format Generation Routine (SFGR) and Work Station Data Management (WSDM).

**WORK STATION SEARCH FACILITY (WSF/34 5726-XRI):** WSF/34 allows the user to search his disk files for records meeting terminal user-selected search criteria. These records are then processed by user-written routines.

**5230 ONLINE DATA COLLECTION:** This program product (5798-NNE) accommodates 80- or 96- column card, diskette, and/or BSC teleprocessing inputs. Its function is to edit, verify, format, and consolidate data from an IBM 5230 Data Collection System.

## APPLICATION PROGRAMS

Every System/32 IAP can be executed on a System/34 after recompilation. The programs listed in this section, with a few Specified exceptions, are recompiled System/32 IAPs (now called APs on the System/34) that can be executed *only in single-program mode*. When these programs are being executed, only one workstation is supported and the multiprogramming, spooling, and file-sharing capabilities of the System/34 cannot be utilized. Numerous Field

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► **Developed Programs (FDPs) and Installed User Programs (IUPs) are also available from IBM.**

- **Distributors Management Accounting System:**
  - Single-program mode (DMAS)
    - Billing (5726-D4A)
    - Accounts Receivable (5726-D4B)
    - Inventory Control (5726-D4C)
    - Sales Analysis (5726-D4D)
  - Multiple-program mode (DMAS II)
    - Billing (5726-D41)
    - Accounts Receivable (5726-D42)
    - Inventory Control (5726-D43)
    - Sales Analysis (5726-D44)
- **Food Distribution Management Accounting System (5726-D65 to -D68)**
- **System/34 Distribution Financial Accounting System:**
  - Single-program mode (DFAS)
    - General Ledger (5726-D6A)
    - Accounts Payable (5726-D6B)
    - Payroll (5726-D6C)
  - Multiple-program mode (DFAS II)
    - General Ledger (5726-M47)
    - Accounts Payable (5726-M43)
    - Payroll (5726-M42)
- **System/34 Client Accounting and Financial Reporting System:**
  - Single-program mode (5726-C21)
  - Multiprogram mode (5726-C22)
- **Medical Group Management System:**
  - Single-program mode (5726-H15)
  - Multiprogram mode (5726-H16)
- **System/34 Hospital Financial Management System:**
  - Patient Billing (5726-H11)
  - Accounts Receivable (5726-H12)
  - Payroll (5726-H13)
  - General Ledger/Accounts Payable (5726-H14)
- **System/34 Manufacturing Management Accounting System:**
  - Production Scheduling/Costing (5726-M31)
  - Payroll (5726-M32)
  - Accounts Payable (5726-M33)
  - Accounts Receivable (5726-M34)
  - Inventory Management (5726-M35)
  - Production Definition/Costing (5726-M36)
  - General Ledger (5726-M37)
  - Sales Analysis (5726-M38)
  - Order Entry/Invoicing (5726-M39)
  - 5230 Data Collection Support (5726-M3A)
- **System/34 Construction Management Accounting System:**
  - Single-program mode (CMAS)
    - Job Costing (5726-M61)
    - Accounts Payable (5726-M62)
    - Payroll (5726-M63)
    - General Ledger (5726-M64)
  - Multiprogram mode (CMAS/34)
    - Job Costing (5726-M66)
    - Accounts Payable (5726-M68)
    - Payroll (5726-M69)
    - General Ledger (5726-M67)
- **Lumber and Building Material Dealers Management Accounting System (5726-D4E to D4H)**
- **System/34 Membership and Mailing List System (5726-K11)**

- **Motor Freight Accounting System (5726-T21)**
- **Financial Institutions Customer Accounting System:**
  - Customer Information File (5726-F11)
  - Demand Deposit Accounting (5726-F12)
  - Savings Accounting (5726-F13)
  - Installment Loan Accounting (5726-F14)
- **System/34 Management System for Law Firms (5726-F52)**
- **Student Administration System:**
  - Student Records (5726-E31)
  - Student Accounting (5726-E32)
  - Student Scheduling (5726-E33)
- **Manufacturing Accounting and Production Information Control System (MAPICS):**
  - Production Control/Costing (5726-M41)
  - Payroll (5726-M42)
  - Accounts Payable (5726-M43)
  - Accounts Receivable (5726-M44)
  - Inventory Management (5726-M45)
  - Product Data Management (5726-M46)
  - General Ledger (5726-M47)
  - Sales Analysis (5726-M48)
  - Order Entry/Invoicing (5726-M49)
  - Data Collection System Support (5726-M4A)
  - Material Requirements Planning (5726-M4B)
- **System/34 Public Budgeting and Accounting System (5726-G21)**

### PRICING

**EQUIPMENT:** The following systems represent stand-alone systems with no communications capabilities.

**MINIMUM SINGLE-USER SYSTEM:** Consists of a 5340 Model A11 System Unit with 32K bytes of main memory, 8.6 megabytes of disk storage, a Diskette I drive, 1 40-cps 5256 serial printer, and a 5251 Model 11 CRT display/key-board unit. The purchase price is \$23,040.

**MEDIUM-SCALE THREE-USER SYSTEM:** Consists of a 5340 Model C13 System Unit with 64K bytes of main memory, 27.1 megabytes of disk storage, a Diskette I drive, a 160-lpm 5211 line printer, and three 5251 Model 11 CRT display/keyboard units. The purchase price is \$43,395.

**LARGE-SCALE SIX-USER SYSTEM:** Consists of a 5340 Model E35 System Unit with 128K bytes of main memory, 128.4 megabytes of disk storage, a Diskette Magazine Drive, a 300-lpm 5211 line printer, six 5251 Model 11 CRT display/keyboard units, and two 120-cps 5256 serial printers. The purchase price is \$96,905.

**SOFTWARE:** All software is licensed separately, including the System Support Program, the RPG II compiler, the COBOL compiler, the Basic Assembler, and the system utilities. Users pay a monthly license fee for all System/34 software. No initial charges are made.

**TESTING:** IBM provides a 72-hour pre-installation program testing allowance for each basic System/34, plus additional testing hours depending upon the configuration. Some of the additional testing allowance times are as follows:

16K main memory increment (over 32K):	2 hours
27.1-megabyte disk storage:	4 hours
5251 display/keyboard:	3 hours
2500 Communications Adapter:	5 hours
1255 Magnetic Character Reader:	5 hours

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► **CONTRACT TERMS:** IBM offers the System/34 on a purchase, rental, or lease basis. Warranty period for the System/34 is three months.

The current Agreement for Lease or Rental of IBM Machines 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. The basic lease term is three years, followed by one-year extension terms.

System/34 provides a 10 percent educational allowance on leased or purchased systems.

**MAINTENANCE:** The IBM System/34 is leased to the user under rental plan B, which entitles the user to maintenance for 24 hours per day, 7 days per week.

For purchased systems, the IBM System/34 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				
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

For users without a maintenance contract, the System/34 is maintained under per-call class 2. Under this class the per-call charge during regular hours is \$115.00 per hour, and during off hours the charge is \$135.00 per hour. The hourly rate for systems engineering service is \$68.00.

## EQUIPMENT PRICES

### PROCESSORS

	Purchase Price	Monthly Maint.	Monthly Rental*	Monthly Lease*
5340 System Unit with 32K bytes of main memory; includes CPU, main memory, fixed disk storage, and one diskette drive:				
A11 Diskette 1 drive, 8.6 megabytes of disk storage	\$15,920	\$159.00	\$1,164	\$1,059
A12 Diskette 1 drive, 13.2 megabytes of disk storage	17,770	169.00	1,261	1,148
A13 Diskette 1 drive, 27.1 megabytes of disk storage	24,405	208.00	1,578	1,438
A14 Diskette 1 drive, 63.9 megabytes of disk storage	40,690	208.00	1,755	1,600
A15 Diskette 1 drive, 128.4 megabytes of disk storage	50,140	258.00	2,114	1,927
A21 Diskette 2D drive, 8.6 megabytes of disk storage	18,165	164.00	1,254	1,143
A22 Diskette 2D drive, 13.2 megabytes of disk storage	20,015	174.00	1,351	1,232
A23 Diskette 2D drive, 27.1 megabytes of disk storage	26,650	213.00	1,668	1,522
A24 Diskette 2D drive, 63.9 megabytes of disk storage	42,935	213.00	1,845	1,684
A25 Diskette 2D drive, 128.4 megabytes of disk storage	52,385	263.00	2,204	2,011
A31 Diskette Magazine Unit, 8.6 megabytes of disk storage	20,785	186.00	1,361	1,240
A32 Diskette Magazine Unit, 13.2 megabytes of disk storage	22,635	196.00	1,458	1,329
A33 Diskette Magazine Unit, 27.1 megabytes of disk storage	29,270	235.00	1,775	1,619
A34 Diskette Magazine Unit, 63.9 megabytes of disk storage	45,555	235.00	1,952	1,781
A35 Diskette Magazine Unit, 128.4 megabytes of disk storage	55,005	285.00	2,311	2,108
5340 System Unit with 48K bytes of main memory; includes CPU, main memory, fixed disk storage, and one diskette drive:				
B11 Diskette 1 drive, 8.6 megabytes of disk storage	16,705	164.00	1,220	1,110
B12 Diskette 1 drive, 13.2 megabytes of disk storage	18,555	174.00	1,317	1,199
B13 Diskette 1 drive, 27.1 megabytes of disk storage	25,190	213.00	1,634	1,489
B14 Diskette 1 drive, 63.9 megabytes of disk storage	41,475	213.00	1,811	1,651
B15 Diskette 1 drive, 128.4 megabytes of disk storage	50,925	263.00	2,170	1,978
B21 Diskette 2D drive, 8.6 megabytes of disk storage	18,950	169.00	1,310	1,194
B22 Diskette 2D drive, 13.2 megabytes of disk storage	20,800	179.00	1,407	1,283
B23 Diskette 2D drive, 27.1 megabytes of disk storage	27,435	218.00	1,724	1,573
B24 Diskette 2D drive, 63.9 megabytes of disk storage	43,720	218.00	1,901	1,735
B25 Diskette 2D drive, 128.4 megabytes of disk storage	53,170	268.00	2,260	2,062
B31 Diskette Magazine Unit, 8.6 megabytes of disk storage	21,570	191.00	1,417	1,291
B32 Diskette Magazine Unit, 13.2 megabytes of disk storage	23,420	201.00	1,514	1,380
B33 Diskette Magazine Unit, 27.1 megabytes of disk storage	30,055	240.00	1,831	1,670
B34 Diskette Magazine Unit, 63.9 megabytes of disk storage	46,340	240.00	2,008	1,832
B35 Diskette Magazine Unit, 128.4 megabytes of disk storage	54,045	290.00	2,367	2,001
5340 System Unit with 64K bytes of main memory; includes one CPU, main memory, fixed disk storage, and one diskette drive:				
C11 Diskette 1 drive, 8.6 megabytes of disk storage	17,490	169.00	1,276	1,161
C12 Diskette 1 drive, 13.2 megabytes of disk storage	19,340	179.00	1,373	1,250
C13 Diskette 1 drive, 27.1 megabytes of disk storage	25,975	218.00	1,690	1,540
C14 Diskette 1 drive, 63.9 megabytes of disk storage	42,260	218.00	1,865	1,702
C15 Diskette 1 drive, 128.4 megabytes of disk storage	51,710	268.00	2,226	2,029
C21 Diskette 2D drive, 8.6 megabytes of disk storage	19,735	174.00	1,366	1,245
C22 Diskette 2D drive, 13.2 megabytes of disk storage	21,585	184.00	1,463	1,334
C23 Diskette 2D drive, 27.1 megabytes of disk storage	28,220	223.00	1,780	1,624

\*Monthly charges include equipment maintenance. Processors and features have a 3-year lease period. Peripherals and features have a 2-year lease period. ►

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	Purchase Price	Monthly Maint.	Monthly Rental*	Monthly Lease*
<b>PROCESSORS (Continued)</b>				
C24 Diskette 2D drive, 63.9 megabytes of disk storage	44,505	223.00	1,957	1,786
C25 Diskette 2D drive, 128.4 megabytes of disk storage	53,995	273.00	2,316	2,113
C31 Diskette Magazine Unit, 8.6 megabytes of disk storage	22,355	196.00	1,473	1,342
C32 Diskette Magazine Unit, 13.2 megabytes of disk storage	24,205	206.00	1,570	1,431
C33 Diskette Magazine Unit, 27.1 megabytes of disk storage	30,840	245.00	1,887	1,721
C34 Diskette Magazine Unit, 63.9 megabytes of disk storage	47,125	245.00	2,064	1,883
C35 Diskette Magazine Unit, 128.4 megabytes of disk storage	56,575	295.00	2,423	2,210
C36 Diskette Magazine Unit, 192.9 megabytes of disk storage	69,655	349.00	2,929	2,671
C37 Diskette Magazine Unit, 257.4 megabytes of disk storage	79,105	399.00	3,288	2,998

5340 System Unit with 96K bytes of main memory; includes one CPU, main memory, fixed disk storage, and one diskette drive:

D11 Diskette 1 drive, 8.6 megabytes of disk storage	19,060	179.00	1,388	1,263
D12 Diskette 1 drive, 13.2 megabytes of disk storage	20,910	189.00	1,485	1,352
D13 Diskette 1 drive, 27.1 megabytes of disk storage	27,545	228.00	1,802	1,642
D14 Diskette 1 drive, 63.9 megabytes of disk storage	43,830	228.00	1,979	1,804
D15 Diskette 1 drive, 128.4 megabytes of disk storage	53,280	278.00	2,338	2,131
D21 Diskette 2D drive, 8.6 megabytes of disk storage	21,305	184.00	1,478	1,347
D22 Diskette 2D drive, 13.2 megabytes of disk storage	23,155	194.00	1,575	1,436
D23 Diskette 2D drive, 27.1 megabytes of disk storage	29,790	233.00	1,892	1,726
D24 Diskette 2D drive, 63.9 megabytes of disk storage	46,075	233.00	2,069	1,888
D25 Diskette 2D drive, 128.4 megabytes of disk storage	55,525	283.00	2,428	2,215
D31 Diskette Magazine Unit, 8.6 megabytes of disk storage	23,925	206.00	1,584	1,444
D32 Diskette Magazine Unit, 13.2 megabytes of disk storage	25,775	216.00	1,682	1,533
D33 Diskette Magazine Unit, 27.1 megabytes of disk storage	32,410	255.00	1,999	1,823
D34 Diskette Magazine Unit, 63.9 megabytes of disk storage	48,695	255.00	2,176	1,985
D35 Diskette Magazine Unit, 128.4 megabytes of disk storage	58,145	305.00	2,535	2,312
D36 Diskette Magazine Unit, 192.9 megabytes of disk storage	71,225	359.00	3,041	2,773
D37 Diskette Magazine Unit, 257.4 megabytes of disk storage	80,675	409.00	3,400	2,875

OPTIONS AND FEATURES

4655 Keylock Feature for the 5340 Processor (\$75 single use charge)	—	—	—	—
1110 5211/3262 Base Printer Attachment; max. one per system	589	3.50	23	21
5811 Printer Attachment for Model 5211 line printer; max. one per system	589	3.50	23	21
5815 Attachment for 3262 line printer; max. one per system	1,175	4.50	47	43
1100 Magnetic Character Reader Attachment for Model 1255 reader; max. one per system; requires 5732 to 5733 Processor Expansion Unit	9,125	27.50	388	353
1105 1255 Attachment Expansion; provides additional 28K of user storage; max. one per system; requires feature 1100	3,335	14.00	131	119
5732 Processor Expansion Unit A; I/O board; required for attachment of Model 1100 MICR attachment except on all System Unit models with 27.1-megabyte disk storage; max. one per system, not required if 5733 Processor Expansion Unit is installed	1,175	2.50	50	45
5733 Processor Expansion Unit B; I/O board and additional power for communications features; required for attachment of Model 1100 MICR attachment or Models 5600, 5602, or 5610 2400-bps modems; max. one per system	786	5.50	33	30
5734 Processor Expansion Unit C; I/O modem regulator; required for installation of Model 3701 EIA Interface or Model 5501 1200-bps modem; max. one per system; not required if Model 5733 Processor Expansion Unit is installed	314	1.00	12	11
5735 Processor Expansion Unit D; gate assembly for installation of Models 5600, 5602, or 5610 2400-bps modems; max. one per system	314	1.00	12	11
5736 Processor Expansion Unit E; additional power required for 1255 Attachment on certain models	982	5.50	39	35
4900 Work Station Control Expansion A; for 4910 on 525X	393	3.50	14	13
4901 Work Station Control Expansion B for adding 9-16 525X workstations or printers	982	6.50	36	33
4905 Multinational Control	393	1.00	14	13

PRINTERS

3262-B1 Line Printer; 650 lpm; max. one per system; requires 1110 and 5815 attachments	17,690	144.00	566	482
Print belts EBCDIC	178	—	—	—
Print belts, ASCII	186	—	—	—
5211 Line Printer; may be substituted for Model 5256 console printer; max. one per system; requires Model 1110 and 5811 attachment				
Model 1; 160 lpm	9,875	63.00	361	307
Model 2; 300 lpm	12,030	105.00	442	376
Print Belts for the 5211	178	—	—	—
5224 Matrix Printer; may be substituted for Model 5256 console printer; max. one per system				
Model 1; 140 lpm	6,395	45.00	300	255
Model 2; 280 lpm	7,280	53.00	342	291

\*Monthly charges include equipment maintenance. Processors and features have a 3-year lease period. Peripherals and features have a 2-year lease period. ▶

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## EQUIPMENT PRICES

▶ PRINTERS (Continued)		Purchase Price	Monthly Maint.	Monthly Rental*	Monthly Lease*
5225	Matrix Printer; may be substituted for Model 5256 console printer; max. one per system				
	Model 1; 280/155 lpm	12,710	87.00	465	396
	Model 2; 400/290 lpm	14,680	122.00	531	452
	Model 3; 490/355 lpm	16,310	150.00	591	503
	Model 4; 560/420 lpm	17,830	178.00	649	552
<b>TERMINALS</b>					
5251	Mdl. 11 CRT Display Station, 1920 characters; one required for each system	2,515	20.50	116	99
5251	Mdl. 12 CRT Display Station, 1920 characters; attaches up to eight 5251 Model 11 display stations or 5256 printers; Model 4600 keyboard required	3,580	44.50	184	157
2550	Cluster Adapter for 5251 Model 2 or Model 12 Display; permits attachment of up to four workstations (5251 Models 1 and 11 Displays, 5252 Displays, or 5225 or 5256 Printers); four cable connections can be used with 2680 cable-through feature to attach up to four workstations per line; cannot be used with 2551 dual cluster; max. one per system	1,340	11.50	62	53
2551	Dual Cluster Adapter for 5251 Model 2 or Model 12 Display; same characteristics as 2550 cluster adapter except attaches up to eight 5251 Model 11 displays or 5225 or 5256 printers	2,680	23.00	125	106
5251	Mdl. 1 CRT Display Station; same as 5251 Model 11 but with 960-character display	2,350	19.50	108	92
5251	Mdl. 2 CRT Display Station; same as 5251 Model 12 but with 960-character display	3,425	41.50	177	151
3600	Expanded Function for 5251; includes copy screen to printer and modulus 10 to 11 keyboard checking	265	1.50	14	12
3225	Display Screen Filter for 5251 Models 11 and 12	41	—	—	—
3226	For 5251 Models 1 and 2	41	—	—	—
5252	CRT Display Station; functions as two independent 960-character CRT displays with two keyboards	2,685	23.00	125	106
4600	Keyboard for Model 5251 and 5252 CRT Display Stations	312	3.50	15	13
4655	Keylock feature for Model 5251, 5252 CRT Display Stations (\$40 single use charge)	—	—	—	—
2680	Cable-Through feature for 5251 Model 1 and 11 or 5252 CRT Display Stations, and Model 5225 or 5256 Printers	115	1.00	4	3
5256	Serial Printer for workstation; one required for each system; Model 5211 or 5225 printer may be substituted for console printer; max. eight per system:				
	Model 1; 40 cps	4,605	35.00	217	185
	Model 2; 80 cps	4,820	38.00	247	210
	Model 3; 120 cps	5,035	43.00	268	228
1470	Audible Alarm for Model 5225 or 5256 printers (\$50 single use charge)	—	—	—	—
4450	Forms Stand for 5256	54	—	—	—
4910	Magnetic Stripe Reader for 5251 and 5252	374	2.50	16	14
6300	Selector Light Pen for 5251	760	8.50	27	23
<b>COMMUNICATIONS</b>					
Modems for 5251 Display Station; cannot be used with EIA Interface, DDS Adapter, or other modems:					
5502	1200-bps Integrated Modem Switched; requires 4703 Internal Clock	686	5.50	22	19
5640	2400-bps Integrated Modem Non-Switched	2,130	26.50	90	77
5641	2400-bps Integrated Modem Switched	2,350	27.50	98	83
5740	4800-bps Integrated Modem Non-Switched	3,710	39.00	155	132
5741	4800-bps Integrated Modem Switched	3,900	41.50	163	139
2500	BSC/SDLC Communications Adapter; required for remote communications; requires one 1200-bps or 2400-bps modem, Model 3701 EIA Interface, or DDS adapter; max. one per system	3,140	22.00	135	123
5500	1200-bps Integrated Modem; for use with 5251 Display Station or 2500 adapter on non-switched lines; requires 4703 internal clock; cannot be used with other modems, 3701 EIA Interface, or 5650 and 5651 DDA adapter	686	5.50	22	20
5501	1200-bps Integrated Modem, with Auto-Answer, for use with 2500 adapter on switched lines; requires 5734 Processor Expansion Unit and 4703 internal clock; cannot be used with other modems, 3701 EIA Interface, or 5650 and 5651 DDS adapters	915	7.50	33	30
2400-bps Integrated Modems for use with 2500 adapter; requires 5734 and 5735 Processor Expansion Units; cannot be used with other modems, 3701 EIA Interface, or 5650 and 5651 DDS adapters:					
5600	For non-switched point-to-point lines	2,325	12.50	110	100
5601	For non-switched multipoint lines	2,325	12.50	110	100
5602	For non-switched multi-point tributary lines	2,585	14.00	119	108
5610	With Auto-Answer; for switched lines	2,650	15.00	120	109
3500	Second BSC/SDLC Communications Adapter; requires 2500 adapter and either an integrated modem, EIA Interface, or Dataphone Digital Service adapter	3,140	22.00	135	123
6500	1200-bps Integrated Modem, for use with 3500 adapter on non-switched lines, requires 3734 Processor Unit Expansion C and 4703 internal clock; cannot be used with other modems	686	5.50	22	20

\*Monthly charges include equipment maintenance. Processors and features have a 3-year lease period. Peripherals and features have a 2-year lease period.

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### EQUIPMENT PRICES

► COMMUNICATIONS (Continued)		Purchase Price	Monthly Maint.	Monthly Rental*	Monthly Lease*
6501	1200-bps Integrated Modem with Auto-Answer; same characteristics as 6500 integrated modem	915	7.50	33	30
6600	2400-bps Integrated Modem; for use with 3500 adapter; non-switched point-to-point lines, equivalent to IBM 3872 modem; requires 5733 and 5735 Processor Unit Expansions; cannot be used with other modems	2,325	12.50	110	100
6601	2400-bps Integrated Modem; for use with 3500 adapter; non-switched multipoint control; same characteristics as 6600 modem	2,325	12.50	110	100
6602	2400-bps Integrated Modem; for use with 3500 adapter; non-switched multipoint tributary; same characteristics as 6600 modem	2,585	14.00	119	108
6610	2400-bps Integrated Modem; for use with 3500 adapter; switched lines; auto-answer capability; same characteristics as 6600 modem	2,650	15.00	120	109
4500	Multiline Communications Adapter (MLCA); BSC/SDLC; provides for attachment of 1 to 4 communications lines; requires one Line Base Adapter per line and one 1200- or 4800-bps modem, 531X EIA Interface, or 539X DDS Adapter	7,860	35.00	312	284
5301	Line Base Adapter 1	1,175	7.50	47	43
5302	Line Base Adapter 2	1,175	7.50	47	43
5303	Line Base Adapter 3	1,175	7.50	47	43
5304	Line Base Adapter 4	1,175	7.50	47	43
Modems for 4500 MLCA; max. one per Line Base Adapter, two per MLCA; cannot be used with EIA Interface, DDS Adapter, Analog Wideband Adapter, or Auto-Call Adapter on same Line Base Adapter					
5331	1200-bps Integrated Modem 1	720	5.50	22	20
5332	1200-bps Integrated Modem 2	720	5.50	22	20
5333	1200-bps Integrated Modem 3	720	5.50	22	20
5334	1200-bps Integrated Modem 4	720	5.50	22	20
5341	1200-bps Integrated Modem Switched/Auto-Answer 1	960	7.50	33	30
5342	1200-bps Integrated Modem Switched/Auto-Answer 2	960	7.50	33	30
5343	1200-bps Integrated Modem Switched/Auto-Answer 3	960	7.50	33	30
5344	1200-bps Integrated Modem Switched/Auto-Answer 4	960	7.50	33	30
5351	4800-bps Integrated Modem 1	3,780	16.50	156	142
5352	4800-bps Integrated Modem 2	3,780	16.50	156	142
5353	4800-bps Integrated Modem 3	3,780	16.50	156	142
5354	4800-bps Integrated Modem 4	3,780	16.50	156	142
5361	4800-bps Integrated Modem Switched/Auto-Answer 1	4,005	16.50	165	150
5362	4800-bps Integrated Modem Switched/Auto-Answer 2	4,005	16.50	165	150
5363	4800-bps Integrated Modem Switched/Auto-Answer 3	4,005	16.50	165	150
5364	4800-bps Integrated Modem Switched/Auto-Answer 4	4,005	16.50	165	150
5411	Auto-call Adapter 1; requires EIA Interface	1,235	1.50	47	43
5412	Auto-call Adapter 2; requires EIA Interface	1,235	1.50	47	43
5413	Auto-call Adapter 3; requires EIA Interface	1,235	1.50	47	43
5414	Auto-call Adapter 4; requires EIA Interface	1,235	1.50	47	43
5321	Internal Clock for use with 1200-bps modems and EIA Interface on 4500 MLCA	218	1.00	6	6
5401	Analog Wideband Adapter for attachment of 19,200- or 50,000-bps modem to MLCA; cannot be used with integrated modem, EIA Interface, DDS Adapter, or Auto-Call Adapter on same Line Base Adapter	2,945	2.50	117	106
5402	Analog Wideband Adapter 2	2,945	2.50	117	106
5403	Analog Wideband Adapter 3	2,945	2.50	117	106
5404	Analog Wideband Adapter 4	2,945	2.50	117	106
5650	Dataphone Digital Service Adapter for use with 2500 adapter in point-to-point connection; cannot be used with other modems or 3701 EIA Interface	873	5.50	31	28
5651	Dataphone Digital Service Adapter for use with 2500 adapter in multipoint tributary connection; cannot be used with other modems or 3701 EIA Interface	873	5.50	31	28
5652	Same as 5650 but for use with 3500; cannot be used with other modems or 3702 EIA Interface	873	5.50	31	28
5653	Same as 5651 but for use with 3500; cannot be used with other modems or 3702 EIA Interface	873	5.50	31	28
5391	Dataphone Digital Service Adapter 1 for use with 4500 MLCA; cannot be installed with an integrated modem, EIA Interface, Analog Wideband Adapter, or Auto-Call Adapter on same Line Base Adapter	873	5.50	31	28
5392	Dataphone Digital Service Adapter 2; same as 5391, but for use on second communications line	873	5.50	31	28
5393	Dataphone Digital Service Adapter 3; same as 5391, but for third communications line	873	5.50	31	28
5394	Dataphone Digital Service Adapter 4; same as 5391, but for fourth communications line	873	5.50	31	28
3701	EIA Interface for connection of 2500 communications adapter for non-integrated modems; requires 5734 Processor Expansion Unit; may require 4703 internal clock; cannot be used with integrated modems or 5650 and 5651 DDS adapter	447	5.00	19	16
3702	EIA Interface, for use with 3500 adapter; permits attachment of IBM and non-IBM modems; cannot be used with 650X, 660X, 6610, or 525X modems or adapters; requires 5734 Processor Unit Expansion C; may require 4703 internal clock	447	5.00	19	16
4703	Internal Clock for use with 5501 modem or 3701 EIA Interface	218	1.00	6	6
5311	EIA Interface for 4500 MLCA for non-integrated modems; cannot be used with an integrated modem, DDS Adapter, Analog Wideband Adapter, or Auto-Call Adapter on same Line Base Adapter	447	5.00	17	15

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### EQUIPMENT PRICES

► COMMUNICATIONS (Continued)		Purchase Price	Monthly Maint.	Monthly Rental*	Monthly Lease*
5312	EIA Interface 2; same as 5311, but for second communications line	447	5.00	17	15
5313	EIA Interface 3; for third communications line	447	5.00	17	15
5314	EIA Interface 4; for fourth communications line	447	5.00	17	15
7951	Switched Network Backup Unit; for use with 5600 and 5602 modems	589	4.00	23	21
7952	Switched Network Backup Unit with Auto-Answer; for use with 5600 and 5602 modems	903	5.50	35	32
7953	Switched Network Backup Unit; for use with 660X modems; requires 3500 adapter; cannot be used with 7954 backup unit	589	4.00	23	21
7954	Switched Network Backup Unit; for use with 660X modems; includes auto-answer capability; requires 3500 adapter; cannot be used with 7953 backup unit	903	5.50	35	32

### SOFTWARE PRICES

PROGRAM PRODUCTS		Monthly License Charge
5726-SS1	System Support Program	\$152
6000, 6001	Interactive Communications Feature for SSP	124
5726-UT1	System/34 Utilities	53
5726-XR1	Workstation Search Facility	458
5799-AYW	PRPQ Workstation Support Subroutines	15
5726-AS1	Basic Assembler and Macro Processor	134
5726-BA1	Basic	63
5726-CB1	Cobol	131
5726-FO1	Fortran IV	181
5726-RG1	RPG II	44
<b>APPLICATION PROGRAMS</b>		
5726-C22	Client Accounting and Financial Reporting System II	195
Distributors Management Accounting System II (DMAS II):		
5726-D41	Billing	103
5726-D42	Accounts Receivable	70
5726-D43	Inventory Control	93
5726-D44	Sales Analysis	93
Distributors Management Accounting System (DMAS):		
5726-D4A	Billing	98
5726-D4B	Accounts Receivable	68
5726-D4C	Inventory Control	89
5726-D4D	Sales Analysis	89
Lumber Dealers Management Accounting System (LDMAC):		
5726-D4E	Billing	100
5726-D4F	Accounts Receivable	68
5726-D4G	Inventory Control	89
5726-D4H	Sales Analysis	89
Food Distributors Management Accounting System (FDMAS):		
5726-D65	Billing	100
5726-D66	Accounts Receivable	69
5726-D67	Inventory Control	89
5726-D68	Sales Analysis	89
Distribution Financial Accounting System II (DFAS II):		
5726-M47	General Ledger	70
5726-M43	Accounts Payable	70
5726-M42	Payroll	95
Student Administrative System (SAS):		
5726-E31	Student Records	123
5726-E32	Student Accounting	136
5726-E33	Student Scheduling	163
Financial Institutions Customer Accounting System (FICAS):		
5726-F11	Customer Information File	167
5726-F12	Demand Deposit Accounting	150
5726-F13	Savings Accounting	147
5726-F14	Installment Loan Accounting	170

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**SOFTWARE PRICES**

Monthly  
License Charge



5726-F52	Management System for Law Firms (MSLF)	377
5726-G21	Public Budgeting and Accounting Application	323
	Hospital Financial Management System (HFMS):	
5726-H11	Patient Billing	60
5726-H12	Accounts Receivable	51
5726-H13	Payroll	100
5726-H14	General Ledger/Accounts Payable	79
5726-H16	Medical Group Management System II	260
	Manufacturing Accounting and Production Information System (MAPICS):	
5726-M41	Production Control and Costing	169
5726-M42	Payroll	95
5726-M43	Accounts Payable	70
5726-M44	Accounts Receivable	70
5726-M45	Inventory Management	93
5726-M46	Product Data Management	154
5726-M47	General Ledger	70
5726-M48	Sales Analysis	93
5726-M49	Order Entry and Invoicing	104
5726-M4A	Data Collection System Support	109
5726-M4B	Material Requirements Planning	169
	Construction Management Accounting System/34 (CMAS/34):	
5726-M66	Job Costing	63
5726-M67	General Ledger	63
5726-M68	Accounts Payable	85
5726-M69	Payroll and Labor Costing	113
5726-T21	Motor Freight Accounting System	304 ■