IBM System/34

▶ Order Entry and Invoicing (OE&I) allows rapid entry of all customer orders, including immediate credit verification. It also automatically prices, calculates, and prints invoices and shipping labels, packing lists, and bills of lading. Depending on which related applications are installed, OE&I updates item balances maintained by Inventory Management, enables charges invoiced to customers to be used to update Accounts Receivable records, and passes records of sales to the Sales Analysis application as the basis for the various sales reports. The OE&I application greatly reduces clerical functions that would otherwise be required to process information for each of the other applications independently.

OE&I operates in an interactive mode and can accommodate multiple workstation operators entering data concurrently. Each workstation operator can enter order information, verify it on the display screen, and make corrections and changes to the order before it is used for further processing. The OE&I application retrieves customer names, addresses and other predefined information; selects prices; applies discounts, markups, and taxes; calculates extensions; and prints invoices that reflect all customer charges. It also prints the invoice register that shows summary information for all invoices printed during a given period. OE&I directly associates each customer line item ordered with the appropriate item in the inventory master files, if Inventory Management is installed.

OE&I produces such reports as the Picking List, Order Acknowledgement, Invoices, Credit Memos, Bills of Lading, Invoice Register, Taxing Body Report, Customer Order Shortage Report, Open Order Status Report, Blanket Order Status Report, and Monthly Worksheets.

Material Requirements Planning (MRP) converts product requirements into a detailed material plan by generating and maintaining a master production schedule. It uses the master production schedule, bills of material, and lead times to establish dates and quantities for each component's requirements. These requirements are compared to what is currently on hand and on order to determine what new orders should be released or what existing orders should be expedited, deferred, or canceled. MRP produces such reports as the Material Requirements Plan Report, Purchase Planning Report, and Manufacturing Cash Flow Analysis Report.

Data Collection System Support works with the IBM 5230 Data Collection System data and time entry workstations, which are designed to gather information at the points where material is being received, stored, produced, assembled, or shipped. As an alternative, System/34 Data Collection System Support can be used on a stand-alone basis without the 5230 Data Collection System. In this environment, plant and warehouse personnel manually record their actions, which are later entered at a System/34 display station. The Data Collection System Support application processes these records as if they had come from the IBM 5230 Data Collection System.

The System/34 Data Collection System Support is programmed to use the data on shop packets created by the Production Control and Costing application. It is also programmed to reformat data for input to the Production Control and Costing application. Reports produced by this application include a Labor Exception Report, Labor Corrections Audit Report, and Labor Report (broken down by foreman).

SYSTEM/34 PUBLIC BUDGETING AND ACCOUNTING SYSTEM (PBA): PBA provides a workstation-oriented financial control, planning, and accounting system for public institutions. It assists users in meeting financial reporting requirements, preparing budgets through on-line budget preparation and tracking, and controlling expenditures through management reports. The system also provides periodic reporting of expenditure and revenue accounts, and preparation of Balance Sheet and General Ledger as well as year-end closing statements. PBA reports include a Budget Report containing the previous two years' actuals and present projected amounts; Trial Balance for balance sheet, revenue, and expenditure accounts by fund; Fund Trial Balance; Accounts Payable checks; and Single Fund General Ledger.

PRICING

EQUIPMENT: The following systems represent stand-alone systems with no communications capabilities. Software license charges are not included in the monthly rental prices.

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 1 drive, a 40-cps 5256 serial printer, and a 5251 Model 11 CRT display/keyboard unit. The purchase price is $34,700.

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 1 drive, a 160-lpm 5211 line printer, and three 5251 Model 11 CRT display/keyboard units. The purchase price is $61,820.

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 $104,010.

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

CONTRACT TERMS: IBM offers the System/34 on a purchase or rental basis. Warranty period for the System/34 is three months. Two rental policies are available, the standard Monthly Availability Charge (MAC) and the System/34 Term Availability Plan (TAP). Both MAC and TAP include maintenance charges in the monthly payments.

The TAP has a contract duration of 36 months and has a first-year monthly charge that is approximately 5 percent lower than the Monthly Availability Charge (MAC). The TAP provides lease and purchase price protection for a period of one year and accrual of up to 50% of the purchase price of the equipment at the end of three years. IBM reserves the right, on 60 days' notice, to increase the TAP monthly charge and/or purchase price by up to 5% during the second year of the lease, and by another 5% during the third year. The customer can elect to extend the TAP contract for any number of one-year periods and for one period of less than a year. Equipment acquired under the TAP may be field-upgraded, although modifications that result in a model downgrade will incur a termination charge. ▶

IBM System/34

➤ 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				
	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 to 6:00 p.m.

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 $58.00 per hour, and during off hours the charge is $67.00 per hour. The hourly rate for systems engineering service is $47.50.■

EQUIPMENT PRICES

		Purchase Price	Monthly Maint.	Rental (1-year lease)*	Rental (TAP, 1st year)*
PROCESSORS					
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	$26,300	$145.00	$ 825	$ 750
A12	Diskette 1 drive, 13.2 megabytes of disk storage	29,080	155.00	897	815
A13	Diskette 1 drive, 27.1 megabytes of disk storage	35,460	190.00	1,122	1,020
A14	Diskette 1 drive, 63.9 megabytes of disk storage	36,900	190.00	1,169	1,063
A15	Diskette 1 drive, 128.4 megabytes of disk storage	45,470	236.00	1,450	1,318
A21	Diskette 2D drive, 8.6 megabytes of disk storage	28,460	150.00	891	810
A22	Diskette 2D drive, 13.2 megabytes of disk storage	30,240	160.00	963	875
A23	Diskette 2D drive, 27.1 megabytes of disk storage	37,620	195.00	1,188	1,080
A24	Diskette 2D drive, 63.9 megabytes of disk storage	39,060	195.00	1,235	1,123
A25	Diskette 2D drive, 128.4 megabytes of disk storage	47,630	241.00	1,516	1,378
A31	Diskette Magazine Unit, 8.6 megabytes of disk storage	30,980	170.00	968	880
A32	Diskette Magazine Unit, 13.2 megabytes of disk storage	32,760	180.00	1,040	945
A33	Diskette Magazine Unit, 27.1 megabytes of disk storage	40,140	215.00	1,265	1,150
A34	Diskette Magazine Unit, 63.9 megabytes of disk storage	41,580	215.00	1,312	1,193
A35	Diskette Magazine Unit, 128.4 megabytes of disk storage	50,150	261.00	1,593	1,448
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	27,475	150.00	869	790
B12	Diskette 1 drive, 13.2 megabytes of disk storage	29,255	160.00	941	855
B13	Diskette 1 drive, 27.1 megabytes of disk storage	36,635	195.00	1,156	1,060
B14	Diskette 1 drive, 63.9 megabytes of disk storage	38,075	195.00	1,213	1,103
B15	Diskette 1 drive, 128.4 megabytes of disk storage	46,645	241.00	1,494	1,358
B21	Diskette 2D drive, 8.6 megabytes of disk storage	29,635	155.00	935	850
B22	Diskette 2D drive, 13.2 megabytes of disk storage	31,415	165.00	1,007	915
B23	Diskette 2D drive, 27.1 megabytes of disk storage	38,795	200.00	1,232	1,120
B24	Diskette 2D drive, 63.9 megabytes of disk storage	40,235	200.00	1,279	1,163
B25	Diskette 2D drive, 128.4 megabytes of disk storage	48,805	246.00	1,560	1,418
B31	Diskette Magazine Unit, 8.6 megabytes of disk storage	32,155	175.00	1,012	920
B32	Diskette Magazine Unit, 13.2 megabytes of disk storage	33,935	185.00	1,084	985
B33	Diskette Magazine Unit, 27.1 megabytes of disk storage	41,315	220.00	1,309	1,190
B34	Diskette Magazine Unit, 63.9 megabytes of disk storage	42,755	220.00	1,356	1,233
B35	Diskette Magazine Unit, 128.4 megabytes of disk storage	51,325	266.00	1,637	1,488
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	28,650	155.00	913	830
C12	Diskette 1 drive, 13.2 megabytes of disk storage	30,430	165.00	985	895
C13	Diskette 1 drive, 27.1 megabytes of disk storage	37,810	200.00	1,210	1,100
C14	Diskette 1 drive, 63.9 megabytes of disk storage	39,250	200.00	1,257	1,143
C15	Diskette 1 drive, 128.4 megabytes of disk storage	47,820	246.00	1,538	1,398
C21	Diskette 2D drive, 8.6 megabytes of disk storage	30,810	160.00	979	890
C22	Diskette 2D drive, 13.2 megabytes of disk storage	32,590	170.00	1,051	955
C23	Diskette 2D drive, 27.1 megabytes of disk storage	39,970	205.00	1,276	1,160
C24	Diskette 2D drive, 63.9 megabytes of disk storage	41,410	205.00	1,323	1,203
C25	Diskette 2D drive, 128.4 megabytes of disk storage	49,980	251.00	1,604	1,458
C31	Diskette Magazine Unit, 8.6 megabytes of disk storage	33,330	180.00	1,056	960
C32	Diskette Magazine Unit, 13.2 megabytes of disk storage	35,110	190.00	1,128	1,025

*Rental prices include equipment maintenance.

IBM System/34

EQUIPMENT PRICES

		Purchase Price	Monthly Maint.	Rental (1-year lease)*	Rental (TAP, 1st year)*
PROCESSORS (Continued)					
	C33 Diskette Magazine Unit, 27.1 megabytes of disk storage	42,490	225.00	1,353	1,230
	C34 Diskette Magazine Unit, 63.9 megabytes of disk storage	43,930	225.00	1,4000	1,273
	C35 Diskette Magazine Unit, 128.4 megabytes of disk storage	52,500	271.00	1,681	1,528
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	31,000	165.00	1,001	910
	D12 Diskette 1 drive, 13.2 megabytes of disk storage	32,780	175.00	1,073	975
	D13 Diskette 1 drive, 27.1 megabytes of disk storage	40,160	210.00	1,298	1,180
	D14 Diskette 1 drive, 63.9 megabytes of disk storage	41,600	210.00	1,345	1,223
	D15 Diskette 1 drive, 128.4 megabytes of disk storage	50,170	256.00	1,626	1,478
	D21 Diskette 2D drive, 8.6 megabytes of disk storage	33,160	170.00	1,067	970
	D22 Diskette 2D drive, 13.2 megabytes of disk storage	34,940	180.00	1,139	1,035
	D23 Diskette 2D drive, 27.1 megabytes of disk storage	42,320	215.00	1,364	1,240
	D24 Diskette 2D drive, 63.9 megabytes of disk storage	43,760	215.00	1,411	1,283
	D25 Diskette 2D drive, 128.4 megabytes of disk storage	52,330	261.00	1,692	1,538
	D31 Diskette Magazine Unit, 8.6 megabytes of disk storage	35,680	190.00	1,144	1,040
	D32 Diskette Magazine Unit, 13.2 megabytes of disk storage	37,460	200.00	1,216	1,105
	D33 Diskette Magazine Unit, 27.1 megabytes of disk storage	44,840	235.00	1,441	1,310
	D34 Diskette Magazine Unit, 63.9 megabytes of disk storage	46,280	235.00	1,488	1,353
	D35 Diskette Magazine Unit, 128.4 megabytes of disk storage	54,850	281.00	1,769	1,608
5340	System Unit with 128K bytes of main memory; includes one CPU, main memory, fixed disk storage, and one diskette drive				
	E11 Diskette 1 drive, 8.6 megabytes of disk storage	33,350	175.00	1,089	990
	E12 Diskette 1 drive, 13.2 megabytes of disk storage	35,130	185.00	1,161	1,055
	E13 Diskette 1 drive, 27.1 megabytes of disk storage	42,150	220.00	1,386	1,260
	E14 Diskette 1 drive, 63.9 megabytes of disk storage	43,950	220.00	1,433	1,303
	E15 Diskette 1 drive, 128.4 megabytes of disk storage	52,520	266.00	1,714	1,558
	E21 Diskette 2D drive, 8.6 megabytes of disk storage	35,510	180.00	1,155	1,050
	E22 Diskette 2D drive, 13.2 megabytes of disk storage	37,290	190.00	1,227	1,115
	E23 Diskette 2D drive, 27.1 megabytes of disk storage	44,670	225.00	1,452	1,320
	E24 Diskette 2D drive, 63.9 megabytes of disk storage	46,110	225.00	1,499	1,363
	E25 Diskette 2D drive, 128.4 megabytes of disk storage	54,680	271.00	1,780	1,618
	E31 Diskette Magazine Unit, 8.6 megabytes of disk storage	38,030	200.00	1,232	1,120
	E32 Diskette Magazine Unit, 13.2 megabytes of disk storage	39,810	210.00	1,304	1,185
	E33 Diskette Magazine Unit, 27.1 megabytes of disk storage	47,190	245.00	1,529	1,390
	E34 Diskette Magazine Unit, 63.9 megabytes of disk storage	48,630	245.00	1,576	1,433
	E35 Diskette Magazine Unit, 128.4 megabytes of disk storage	57,200	291.00	1,857	1,688
OPTIONS AND FEATURES					
4655	Keylock Feature for the 5340 Processor ($72 single use charge)	—	—	—	—
5810	Printer Attachment for Model 5211 line printer; max. one per system	1,440	8.00	44	40
1100	Magnetic Character Reader Attachment for Model 1255 reader; max. one per system; requires 5732 to 5733 Processor Expansion Unit	8,775	25.00	260	236
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	1,080	2.00	34	31
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	720	5.00	23	21
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	288	0.50	8	8
5735	Processor Expansion Unit D; gate assembly for installation of Models 5600, 5602, or 5610 2400-bps modems; max. one per system	288	0.50	8	8
5736	Processor Expansion Unit E; additional power required for 1255 Attachment on certain models	900	5.00	28	25
4900	Work Station Control Expansion A; for 4910 on 525X	360	3.00	11	10
4905	Multinational Control	360	0.50	11	10
PRINTERS					
5211	Line Printer; may be substituted for Model 5256 console printer; max. one per system; requires Model 5810 attachment and print belt				
	Model 1; 160 lpm	12,800	75.00	376	320
	Model 2: 300 lpm	15,600	125.00	458	390

*Rental prices include equipment maintenance.

APRIL 1979

IBM System/34

EQUIPMENT PRICES

		Purchase Price	Monthly Maint.	Rental (1-year lease)*	Rental (TAP, 1st year)*
PRINTERS (Continued)					
5915	Print Belt for the 5211	170	—	—	—
TERMINALS					
5251	Mdl. 11 CRT Display Station; 1920 characters; one required for each system	2,850	18.00	88	75
5251	Mdl. 12 CRT Display Station; 1920 characters; attaches up to eight 5251 Model 11 display stations or 5256 printers; Model 4600 keyboard required	4,050	39.00	140	119
2550	Cluster Adapter for 5251 Model 12 Display; permits attachment of up to four workstations (5251 Models 1 and 11 Displays, 5252 Displays, 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	1,520	10.00	47	40
2551	Dual Cluster Adapter for 5251 Model 12 Display; same characteristics as 2550 cluster adapter except attaches up to eight 5251 Model 11 displays or 5256 printers	3,040	20.00	94	80
5251	Mdl. 1 CRT Display Station; same as 5251 Model 11 but with 960-character display	2,660	17.00	82	70
5251	Mdl. 2 CRT Display Station; same as 5251 Model 12 but with 960-character display	3,875	38.00	134	114
3600	Expanded Function for 5251; includes copy screen to printer and modulus 10 to 11 keyboard checking	300	1.00	11	9
3225	Display Screen Filter for 5251 Models 11 and 12	39	—	—	—
3226	For 5251 Models 1 and 2	39	—	—	—
5252	CRT Display Station; functions as two independent 960-character CRT displays with two keyboards	3,040	20.00	94	80
4600	Keyboard for Model 5251 and 5252 CRT Display Stations	350	3.00	12	10
4655	Keylock feature for Model 5251, 5252 CRT Display Stations ($40 single use charge)	—	—	—	—
2680	Cable-Through feature for Model 5251, 5252 CRT Display Stations for Model 5256 Serial Printer	115	1.00	4	3
5256	Serial Printer for workstation; one required for each system; Model 5211 line printer may be substituted for console printer; max. eight per system:				
	Model 1: 40 cps	5,200	30.00	176	150
	Model 2: 80 cps	5,800	35.00	200	170
	Model 3: 120 cps	6,250	42.00	217	185
1470	Audible Alarm for Model 5256 serial printer ($50 single use charge)	—	—	—	—
4450	Forms Stand for 5256	76	0.50	2	2
4910	Magnetic Stripe Reader for 5251 and 5252	420	2.00	13	11
COMMUNICATIONS					
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	2,880	20.00	92	84
5500	1200-bps Integrated Modem, with Auto-Answer; for use with 2500 adapter on switched lines; requires 4703 internal clock; cannot be used with other modems, 3701 EIA Interface, or 5650 and 5651 DDS adapter	660	5.00	20	18
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	880	7.00	27	25
	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	2,240	11.50	75	68
5601	For non-switched multipoint lines	2,240	11.50	75	68
5602	For non-switched multi-point tributary lines	2,490	13.00	81	74
5610	With Auto-Answer; for switched lines	2,550	14.00	83	75
3500	Second BSC/SDLC Communications Adapter; requires 2500 adapter and either an integrated modem, EIA Interface, or Dataphone Digital Service adapter	2,880	20.00	92	84
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	660	5.00	19	18
6501	1200-bps Integrated Modem with Auto-Answer; same characteristics as 6500 integrated modem	880	7.00	27	25
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	2,240	11.50	75	68

*Rental prices include equipment maintenance.

IBM System/34

EQUIPMENT PRICES

		Purchase Price	Monthly Maint.	Rental (1-year lease)*	Rental (TAP, 1st year)*
COMMUNICATIONS (Continued)					
6601	2400-bps Integrated Modem; for use with 3500 adapter; non-switched multipoint control; same characteristics as 6600 modem	2,240	11.50	75	68
6602	2400-bps Integrated Modem; for use with 3500 adapter; non-switched multipoint tributary, same characteristics as 6600 modem	2,490	13.00	81	74
6610	2400-bps Integrated Modem; for use with 3500 adapter; switched lines; auto-answer capability; same characteristics as 6600 modem	2,550	14.00	83	75
5650	Dataphone Digital Service Adapter for use with 2500 adapter in point-to-point cannot be used with other modems or 3701 EIA Interface	840	5.00	25	23
5651	Dataphone Digital Service Adapter for use with 2500 adapter in multipoint tributary connection; cannot be used with other modems or 3701 EIA Interface	840	5.00	25	23
5652	Same as 5650 but for use with 3500; cannot be used with other modems or 3702 EIA Interface	840	5.00	25	23
5653	Same as 5651 but for use with 3500; cannot be used with other modems or 3702 EIA Interface	840	5.00	25	23
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	430	4.50	13	12
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	430	4.50	13	12
4703	Internal Clock for use with 5501 modem or 3701 EIA Interface	210	0.50	6	6
7951	Switched Network Backup Unit; for use with 5600 and 5602 modems	540	3.50	16	15
7952	Switched Network Backup Unit with Auto-Answer; for use with 5600 and 5602 modems	828	5.00	26	24
7953	Switched Network Backup Unit; for use with 660X modems; requires 3500 adapter; cannot be used with 7954 backup unit	540	3.50	16	15
7954	Switched Network Backup Unit; for use with 660X modems; includes auto-answer capability; requires 3500 adapter; cannot be used with 7953 backup unit	828	5.00	26	24

SOFTWARE PRICES

		Monthly License Charge
PROGRAM PRODUCTS		
5726-SS1	System Support Program	$ 85
6000, 6001	Interactive Communications Feature for SSP	75
5726-UT	System/34 Utilities	31
5726-XR1	Workstation Search Facility	250
5799-AYW	PRPQ Workstation Support Subroutines	15
5726-AS1	Basic Assembler and Macro Processor	78
5726-CB1	COBOL	75
5726-RO1	FORTRAN IV	105
5726-RG1	RPG II	26
5798-NNE	5230 On-line Data Collection	100
APPLICATION PROGRAMS		
5726-C21	Client Accounting and Financial Reporting System	99
5726-C22	Client Accounting and Financial Reporting System II	99
	Distributors Management Accounting System II (DMAS II)	
5726-D41	Billing	52
5726-D42	Accounts Receivable	36
5726-D43	Inventory Control	47
5726-D44	Sales Analysis	47
	Distributors Management Accounting System II (DMAS II):	
5726-D41	Billing	52
5726-D42	Accounts Receivable	36
5726-D43	Inventory Control	47
5726-D44	Sales Analysis	47
	Distributors Management Accounting System (DMAS):	
5726-D4A	Billing	51
5726-D48	Accounts Receivable	34
5726-D43	Inventory Control	45
5726-D44	Sales Analysis	45

IBM System/34

SOFTWARE PRICES

		Monthly License Charge
	Lumber Dealers Management Accounting System (LDMAC):	
5726-D4E	Billing	51
5726-D4F	Accounts Receivable	34
5726-D4G	Inventory Control	45
5726-D4H	Sales Analysis	45
	Food Distributors Management Accounting System (FDMAS):	
5726-D65	Billing	51
5726-D66	Accounts Receivable	35
5726-D67	Inventory Control	45
4726-068	Sales Analysis	45
	Distribution Financial Accounting System (DFAS):	
5726-D6A	General Ledger	29
5726-D6A	Accounts Payable	29
4726-D6C	Payroll	37
	Distribution Financial Accounting System II (DFAS II):	
5726-M47	General Ledger	36
5726-M43	Accounts Payable	36
5726-M42	Payroll	49
	Student Administrative System (SAS):	
5726-E31	Student Records	68
5726-E32	Student Accounting	75
5726-E33	Student Scheduling	90
	Financial Institutions Customer Accounting System (FICAS):	
5726-F11	Customer Information File	92
5726-F12	Demand Deposit Accounting	82
5726-F13	Savings Accounting	81
5726-F14	Installment Loan Accounting	94
5726-F52	Management System for Law Firms (MSLF)	192
5726-G21	Public Budgeting and Accounting Application	162
	Hospital Financial Management System (HFMS)	
5726-411	Patient Billing	33
5726-412	Accounts Receivable	28
5726-413	Payroll	55
5726-414	General Ledger/Accounts Payable	44
5726-H15	Medical Group Management System	94
572--H16	Medical Group Management System II	131
5726-K11	Membership and Mailing List System	107
	Manufacturing Management Accounting System (MMAS):	
5726-M31	Product Status and Costing	37
5726-M32	Payroll	37
5726-M33	Accounts Payable	29
5726-M34	Accounts Receivable	30
5726-M35	Inventory Management	37
5726-M36	Product Definition and Costing	34
5726-M37	General Ledger	29
5726-M38	Sales Analysis	37
5726-M39	Order Entry and Invoicing	37
5726-M3A	5230 Data Collection Support for System/34	
	Manufacturing Accounting and Production Information System (MAPICS):	
5726-M41	Production Control and Costing	94
5726-M42	Payroll	49
5726-M43	Accounts Payable	36
5726-M44	Accounts Receivable	36
5726-M45	Inventory Management	47
5726-M46	Product Data Management	78
5726-M47	General Ledger	36
5726-M48	Sales Analysis	47
5726-M49	Order Entry and Invoicing	52
5726-M4A	Data Collection System Support	55
5726-M4B	Material Requirements Planning	94
	Construction Management Accounting System (CMAS):	
5726-M61	Job Costing	34
5726-M62	Accounts Payable	44
5726-M63	Payroll	59
5726-M64	General Ledger	34
5726-T21	Motor Freight Accounting System	152

IBM System/34

New Product Announcement

The flurry of recent IBM small business computer enhancements included nine new hardware and software features for the System/34. These include: doubling the number of 5250-type terminals supported to 16; 23- and 29-megabyte disk drives (available now); an expansion feature for improved performance of magnetic ink character recognition (MICR) equipment (available in July, no additional charge); software support for synchronous Data Link Control (SDLC) and 3270 synchronous communications, allowing application programs to communicate with host systems (January 1980, no additional charge); COBOL extensions for workstation data management which eliminate the need for CALLs to assembler routines (January 1980, no additional charge); additional macro instructions for the assembler and macro processor (July, no additional charge); an enhancement to SSP-ICF in the form of SDLC support for System/34 processor-to-processor communications (July, no additional charge); and workstation utility enhancements (July, no additional charge).

Support for the eight additional 5250 CRT terminals is made possible by the Workstation Control Expansion Feature, which provides additional microcode for the enhancement. The extra terminals, which can be 5252, 5256, or 5251 Models 1 and 2, are connected to the System/34 by a "cable-through" feature.

The 23-megabyte disk drive, which includes 131K bytes of fixed-head storage, is priced at $9,980 for a primary unit and $8,280 for an expansion unit. The 29-megabyte disk drive is priced at $9,260 for a primary unit and $7,560 for a secondary unit. The drives utilize 8-inch disks and record on 450 tracks per inch at a density of 8530 bits per inch. There are 11 tracks per cylinder, each containing 16,384 bytes. The rest of the operating characteristics are the same as those of the 128-megabyte drive previously available on the System/34.

IBM enhanced its System Support Program Interactive Communication Feature (SSP-ICF) with the addition of SDLC support for System/34 processor-to-processor communications, and also with 3270 binary synchronous communications support that will provide a program-to-program interface at 9600 bps with a host system.

Small reductions in the purchase price of System/34 memory increments were also announced.□