

## IBM System/32

► on customer code; these prices are in addition to the list price. The application also handles price conversion, with computations for square-foot, lineal-foot, and board-foot items in addition to multiple sales tax calculations. The Inventory Control Application provides both last and average cost figures for inventory valuation as well as inventory distribution by value. The Accounts Receivable application permits the user to change a customer from open item to balance forward or the reverse at the end of the month or accounting period. The Sales Analysis application produces daily and monthly reports by customer, as well as four-way reporting of profit margins. Facilities are built in to modify data file sizes and user-maintained constants.

This IAP requires a System/32 with 16K bytes of memory, and 5 megabytes of disk storage, and a printer with 132 positions. The system is written in RPG II and runs under the System Control Program 5725-SC1. The System/32 Utilities are also required.

**SYSTEM/32 TIRE DISTRIBUTORS MANAGEMENT AND ACCOUNTING SYSTEM:** This IAP (5605-D4T) is available only in the BICARSA version. The Billing application prepares an invoice and invoice register, accepts information on over-the-counter sales, recomputes the counter slips, and prints a warning message if there is a discrepancy. The Inventory Control application maintains item balances, and on demand can print figures such as dollar profit, percent of profit, turnover rate, current replacement value of inventory, and others. The Accounts Receivable application performs monthly aging of customer accounts and offers the ability to print delinquency notices for overdue accounts. The Sales Analysis application summarizes sales statistics by product, customer, salesman, and vendor.

**SYSTEM/32 WHOLESALE WINE AND DISTILLED BEVERAGE DISTRIBUTION MANAGEMENT AND ACCOUNTING SYSTEM:** This IAP (5605-D2A) is available only in the BICARSA version. The Billing application includes order entry and edit, an audit trail of the daily billing, and a daily salesman's recap. Item balances are maintained by the Inventory Control application. Reports can be prepared weekly, monthly, or on demand. The Sales Analysis application highlights the activities of products, customers, and salesmen. The Accounts Receivable application handles both open item and balance forward customers, with reports generated weekly, monthly, or on some other user-designated cycle.

This IAP requires a System/32 with 9.1 million bytes of disk storage.

**SYSTEM/32 DISTRIBUTION FINANCIAL ACCOUNTING SYSTEM (DFAS):** Includes General Ledger (5725-D61), Accounts Payable (5725-D62), and Payroll (5725-D63) applications. General Ledger permits either a 12-month or 13-period fiscal year and provides an income statement and balance sheet as standard reports. The Accounts Payable application provides a purchase journal, a cash disbursements journal, an open payables report, a cash requirements report, and a vendor analysis report. In addition, checkwriting and reconciliation are also provided. The Payroll application is an hourly/salary/executive payroll that handles regular, overtime, premium, vacation, and sick pay. It can be run weekly, bi-weekly, semi-monthly, and monthly.

These application packages are written in RPG II and run under the System Control Program 5725-SC1. The System/32 Utilities and a minimum 16K processor are required.

**SYSTEM/32 CLIENT ACCOUNTING AND FINANCIAL REPORTING SYSTEM (CAFRS):** This IAP (5725-C21) is designed for certified public accounts, bookkeepers, or small accounting firms as an aid in solving the problems of client accounting. Data can be entered through the keyboard or by a cassette created on a 3740 Data Entry System. Standard types of accounting reports such as journals, ledger, trial balance, and financial statements can be generated. Other supporting analyses and lists, as well as additional comparison reports, are also available to the user.

This IAP requires a minimum 16K System/32 and the System/32 Utilities. CAFRS is written in RPG II and has an availability date of November 19, 1976.

**MEDICAL GROUP MANAGEMENT SYSTEM:** This IAP (5725-H15) provides a balance-forward accounts receivable system for a medical group of from 3 to 15 doctors. Patients are billed on a monthly basis, and third parties (insurance companies) can be billed as required. Options exist to provide a detailed appointment list showing patient appointment information and patient charge slips, and a practice analysis system that provides statistical reports for each doctor on a calendar year basis.

**SYSTEM/32 LETTER WRITING APPLICATION:** Designed for the user who needs to print large volumes of personalized letters, this IAP (5725-XX2) provides upper and lower case printing and allows automatic insertion of name, address, salutation, title, and limited phrases within the body of the letter. Files can be generated through the System/32 keyboard or entered via diskettes prepared on an IBM 3740 Data Entry System.

Any 16K System/32 with a line printer can utilize this IAP. It is written in RPG II and became available in June 1976.

**PRICING**

**EQUIPMENT:** The following systems illustrate the limits of non-communications-oriented System/32 configuration possibilities. No software is included in the indicated prices.

**MINIMUM SYSTEM:** Consists of 5320 Model A01 System Unit, including 16K bytes of main storage, 3.2 million bytes of disk storage, diskette drive, 40-cps unidirectional serial printer, keyboard, and display. Monthly rental, \$748 (1-year lease) or \$680 (TAP). Purchase price, \$33,560.

**EXPANDED SYSTEM:** Consists of 5320 Model B33 System Unit with 32K bytes of main storage, 9.1 million bytes of disk storage, diskette drive, 155-lpm line printer, keyboard, and display. Monthly rental, \$1,357 (1-year lease) or \$1,226 (TAP). Purchase price, \$45,110.

**LARGE SYSTEM:** Consists of 5320 Model B34 System Unit with 32K bytes of main storage, 13.7 megabytes of disk storage, diskette drive, 155-lpm line printer, keyboard, display, 129-2 data recorder, BSCA, and 3741-2 data station. Monthly rental, \$1,951 (1-year lease) and purchase price \$67,735.

**SOFTWARE:** System/32 users receive the basic System Control Program at no additional cost. All other IBM software, including RPG II, the 5320 Program Support Product, and the Industry Application Programs, is separately priced, with the IAP's having both an initial charge and a monthly license charge. The IAP's are supplied on IBM-owned diskettes, include documentation, operator manuals, and instructional materials, and are maintained by IBM.

**CONTRACT TERMS:** IBM offers the System/32 on a purchase or rental basis. Two rental policies are available, the standard Monthly Availability Charge (MAC) and the System/32 Term Availability Plan (TAP).

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 offers a discount of 10 percent to qualified educational institutions. ■

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EQUIPMENT PRICES

		Purchase Price	Monthly Maint.	Rental (1-year lease)*	Rental (TAP, 1st year)*
<b>BASIC SYSTEM</b>					
5320	System Unit (includes CPU, 16K bytes of main storage, fixed-disk storage unit, diskette drive, printer, keyboard, and display):				
Model A01	40 cps unidirectional printer, 3.2 MB disk storage	\$33,560	\$160.00	\$ 748	\$ 680
Model A02	40 cps unidirectional printer, 5.0 MB disk storage	34,160	160.00	825	750
Model A03	40 cps unidirectional printer, 9.1 MB disk storage	37,280	170.00	922	838
Model A04	40 cps unidirectional printer, 13.7 MB disk storage	39,280	180.00	982	893
Model A11	40 cps bidirectional printer, 3.2 MB disk storage	33,810	165.00	803	730
Model A12	40 cps bidirectional printer, 5.0 MB disk storage	34,410	165.00	880	800
Model A13	40 cps bidirectional printer, 9.1 MB disk storage	47,530	175.00	977	888
Model A14	40 cps bidirectional printer, 13.7 MB disk storage	39,530	185.00	1,037	943
Model A21	80 cps bidirectional printer, 3.2 MB disk storage	34,020	170.00	848	771
Model A22	80 cps bidirectional printer, 5.0 MB disk storage	34,620	170.00	925	841
Model A23	80 cps bidirectional printer, 9.1 MB disk storage	37,740	180.00	1,022	929
Model A24	80 cps bidirectional printer, 13.7 MB disk storage	39,740	190.00	1,082	984
Model A31	120-cps bidirectional printer, 3.2 MB disk storage	34,230	175.00	893	812
Model A32	120-cps bidirectional printer, 5.0 MB disk storage	34,830	175.00	970	882
Model A33	120-cps bidirectional printer, 9.1 MB disk storage	37,950	195.00	1,067	970
Model A34	120-cps bidirectional printer, 13.7 MB disk storage	39,950	195.00	1,128	1,025
Model B11	50 lpm line printer, 3.2 MB disk storage	38,380	185.00	917	834
Model B12	50 lpm line printer, 5.0 MB disk storage	38,980	185.00	994	904
Model B13	50 lpm line printer, 9.1 MB disk storage	42,100	195.00	1,091	992
Model B14	50 lpm line printer, 13.7 MB disk storage	44,100	205.00	1,152	1,047
Model B21	100 lpm line printer, 3.2 MB disk storage	38,480	195.00	992	902
Model B22	100 lpm line printer, 5.0 MB disk storage	39,080	195.00	1,069	972
Model B23	100 lpm line printer, 9.1 MB disk storage	42,200	205.00	1,166	1,060
Model B24	100 lpm line printer, 13.7 MB disk storage	44,200	215.00	1,227	1,115
Model B31	155 lpm line printer, 3.2 MB disk storage	38,690	205.00	1,067	970
Model B32	155 lpm line printer, 5.0 MB disk storage	39,290	205.00	1,144	1,040
Model B33	155 lpm line printer, 9.1 MB disk storage	42,410	215.00	1,241	1,128
Model B34	155 lpm line printer, 13.7 MB disk storage	44,410	225.00	1,301	1,183
Model C41	285-lpm line printer, 3.2 MB disk storage	44,690	230.00	1,249	1,135
Model C42	285-lpm line printer, 5.0 MB disk storage	45,290	230.00	1,326	1,205
Model C43	285-lpm line printer, 9.1 MB disk storage	48,410	240.00	1,422	1,293
Model C44	285-lpm line printer, 13.7 MB disk storage	50,410	250.00	1,483	1,348
1005	Additional main storage; 8192 bytes (maximum of 2)	1,350	2.50	53	49
1100	MICR reader/sorter attachment	8,775	25.00	248	225
3200	Data recorder attachment	2,525	6.00	71	65
3400	Upper/lower case keyboard/display (B Models only)	1,000	1.00	26	24
4530	Half-line vertical space printing (B Models only)	600	0.50	15	14
4655	Keylock	72**	—	72**	72**
4900	Mag card unit attachment (B Models only)	2,800	4.00	73	67
—	Additional print belt (for B Models only; available in 48-character EBCDIC or 64-character ASCII)	170	—	—	—
<b>PUNCHED CARD EQUIPMENT</b>					
129-2	Data recorder; 80-column alphanumeric reader/print/punch	5,450	52.50	163	—
8201	3741/5320 attachment	1,770	9.00	70	—
5496-1	Data Recorder; 96-column alphanumeric reader/printer/punch	5,935	59.50	185	—
7850	2772/3741/5320 attachment	1,720	16.50	51	—
<b>MAGNETIC CARD EQUIPMENT</b>					
5321	Mag card reader/recorder	10,200	55.00	255	217
<b>PRINTERS</b>					
46/40	Ink jet document printer; 77/92 cps (stand-alone device)	29,000	135.00	760	670
—	Communications option	5,400	—	135	120
<b>MICR EQUIPMENT</b>					
1255-1	MICR reader/sorter; 5 sort pockets, 1 reject stacker; 500 dpm	35,460	251.00	904	—
1255-2	MICR reader/sorter; 5 sort pockets, 1 reject stacker; 750 dpm	40,590	400.00	1,100	—
1255-3	MICR reader/sorter; 10 sort pockets, 2 select/reject stackers; 750 dpm	55,260	527.00	1,450	—
<b>TERMINALS</b>					
3741-2	Data Station	5,655	54.00	223	—
3741-4	Programmable Work Station	7,680	70.00	331	—
<b>COMMUNICATIONS FEATURES</b>					
2074	Binary synchronous communications adapter	3,600	10.00	95	90
3701	EIA interface	420	4.50	12	11
4703	Internal clock	210	0.50	6	6
5500	1200 bps integrated modem, non-switched	660	5.00	19	18

\* Rental prices include equipment maintenance.

\*\*Single use charge.

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## EQUIPMENT PRICES

COMMUNICATIONS FEATURES (CONTINUED)		Purchase Price	Monthly Maint.	Rental (1-year lease)*	Rental (TAP, 1st year)*
5501	1200 bps integrated modem, switched with auto answer	880	7.00	25	24
5600	2400 bps integrated modem, non-switched point-to-point	2,240	11.50	68	65
5602	2400 bps integrated modem, non-switched multipoint tributary	2,490	13.00	75	71
5610	2400 bps integrated modem, switched with auto answer	2,550	14.00	76	72
5733	Processing unit expansion (prerequisite for 5600, 5602, and 5610)	320	0.50	8	8
6301	Synchronous data link control (SDLC) communications	4,400	15.00	116	110
7951	Switched network backup	357	3.50	11	10
7952	Switched network backup with auto answer	535	5.00	16	15

\* Rental prices include equipment maintenance.

\*\*Single use charge.

## SOFTWARE PRICES

PROGRAM PRODUCTS	Initial Charge	Monthly License Charge
System/32 RPG II	—	\$ 27
System/32 Utilities Program Product (Data File Utility, SORT, and Source Entry Utility)	—	15
System/32 Data Collection System Support Package	\$ 500	26
Word Processor/32	—	125
<b>INDUSTRY APPLICATION PROGRAMS</b>		
System/32 Wholesale Food Distribution Accounting and Management System: Billing, Inventory Control, Accounts Receivable, and Sales Analysis (BICARSA)	2,975	140
System/32 Membership and Mailing List System	1,485	68
System/32 Construction Management Accounting System: Job Costing	470	22
Accounts Payable	575	27
Payroll	815	37
General Ledger	470	22
System/32 Hospital Financial Management System: Patient Billing	470	22
Accounts Receivable	370	18
Payroll	695	36
General Ledger/Accounts Payable	530	28
System/32 Manufacturing Management Accounting System: Product Definition & Costing	470	22
Inventory Management	515	24
Payroll	515	24
Production Status & Costing	515	24
Order Entry & Invoicing	615	28
Sales Analysis	415	24
Accounts Receivable	415	19
Accounts Payable	405	18
General Ledger	405	18
System/32 Hardgoods Distributor's Management Accounting System: Billing, Accounts Receivable, and Sales Analysis (BARSA)	2,500	126
Billing, Inventory Control, Accounts Receivable, and Sales Analysis (BICARSA)	2,975	147
System/32 Profit and Asset Management System for Paper Merchants/Office Products Distributors: Billing, Accounts Receivable, and Sales Analysis (BARSA)	2,500	120
Billing, Inventory Control, Accounts Receivable, and Sales Analysis (BICARSA)	2,975	140
System/32 Wholesale Candy and Tobacco Distribution Accounting and Management System: Billing, Inventory Control, Accounts Receivable, and Sales Analysis (BICARSA)	2,975	147
Lumber and Building Material Dealers Management Accounting System: Billing, Inventory Control, Accounts Receivable, and Sales Analysis (BICARSA)	3,120	147
System/32 Tire Distributors Management and Accounting System: Billing, Inventory Control, Accounts Receivable, and Sales Analysis (BICARSA)	3,120	147
System/32 Wholesale Wine and Distilled Beverage Distribution Management and Accounting System: Billing, Inventory Control, Accounts Receivable, and Sales Analysis (BICARSA)	3,120	147
System/32 Distribution Financial Accounting System: General Ledger	405	18
Accounts Payable	405	18
Payroll	515	23
System/32 Client Accounting and Financial Reporting System	1,345	67
Medical Group Management System	1,250	64
System/32 Letter Writing Application	—	35

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SOFTWARE PRICES

	<u>Initial Charge</u>	<u>Monthly License Charge</u>
<b>INDUSTRY APPLICATION PROGRAMS (CONTINUED)</b>		
<b>System/32 Distributors Management Accounting System:</b>		
BICARSA	2,460	110
Billing	715	32
Inventory Control	495	22
Accounts Receivable	625	28
Sales Analysis	625	28
<b>System/32 Lumber Dealers Management Accounting System:</b>		
BICARSA	2,460	110
Billing	715	32
Inventory Control	495	22
Accounts Receivable	625	28
Sales Analysis	625	28
<b>System/32 Food Distributors Management Accounting System:</b>		
BICARSA	2,460	110
Billing	715	32
Inventory Control	495	22
Accounts Receivable	625	28
Sales Analysis	625	28
<b>System/32 Management System for Law Firms</b>	<b>2,640</b>	<b>120</b>