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► records in relational data base tables. DBEdit takes advantage of the catalog facilities of DB2 in the MVS environment and SQL/DS in the VM/SP environment.

The *Fortran Utilities for VM/370* program offering provides a set of Fortran-compatible system functions for programmers writing Fortran programs for the Conversational Monitor System (CMS) of VM/370. The subroutines can execute with other programs written in either Fortran 77 or Fortran 66.

OFFICE AUTOMATION: IBM offers several host-based office applications, described in the following paragraphs.

Advanced Text Management System III (ATMS III) provides facilities for entry, editing, and management of textual material. It runs under DOS/VSE, OS/VS1, and MVS/XA.

Storage and Information Retrieval System (Stairs) provides facilities for storage and contextual retrieval of large amounts of text, as well as for creation of Stairs data bases from machine-readable formats. It runs under DOS/VSE, OS/VS1, and MVS/XA.

Two products which can be installed and used in conjunction are *Document Composition Facility (DCF)* and *Document Library Facility (DLF)*. DCF provides for markup, full-page composition, and printing of text documents on remote or local system printers. DLF is a data repository that can store input from numerous sources, including text prepared on interactive systems using a submit-to-batch facility, text prepared by ATMS and other text processors, and input to or from application programs. The products can run under MVS, MVS/XA, DOS/VSE, and OS/VS1.

Distributed Office Support System/370 (DISOSS/370) is an office system support product that provides electronic mail and document processing facilities. It runs in MVS/VSE and DOS/VSE environments under the CICS/VS (Customer Information Control System/VS) general-purpose data communications monitor.

The *Document Interchange Facility* comprises two complementary program products. Document Interchange Facility/Central executes in the host computer and processes requests from distributed system users to file documents in the Document Library Facility, format them through the Document Composition Facility, and retrieve them from the library. Document Interchange Facility/Distributed executes in the distributed system, preparing user requests to file, format, and retrieve documents, and sending those requests to the host for processing. The Document Interchange Facility runs in both DOS/VSE and MVS/XA environments.

Professional Office System (Profs) is a program product designed to help professionals and support personnel control job-related information. It provides facilities for: document entry, processing, and distribution; calendar management; and other end-user services, such as conference room scheduling and electronic messaging. Profs runs in the VM/SP environment.

APPLICATIONS: A broad range of commercial, scientific/engineering, and technical applications is available for 4300 systems both from IBM and from third-party vendors.

One noteworthy aid is the *Engineering Scientific Support System (E/S³)*, an integrated, VM/SP-based load-and-go system that provides engineers and scientists with facilities for performing tasks that they might encounter as part of their daily routine, including design and presentation graphics, analysis/simulation, interactive and personal computing, and engineering/scientific administration. An adjunct to E/S³ is Scientific Support Productivity Facility

(E/S³ PF), which provides user dialogues for installation, administration, maintenance, and application-oriented tasks.

A specialized version of the system, E/S³-Entry, is an entry-level interactive CMS system built on VM/SP Entry, and is intended to provide a load-and-go system for predefined 4300 processor configurations. Four optional packages in E/S³-Entry provide application support for problem-solving, professional text functions, data base functions, and presentation graphics.

PRICING

POLICY: The 4361 and 4381 are available for purchase or monthly rental only. The standard rental contract includes equipment maintenance and entitles the customer to unlimited usage each month. The purchase option accrual equals 40 percent of the monthly charge up to 50 percent of the purchase price. Some peripherals and other devices for the 4300 Series are available for purchase, lease, and rent.

The 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. CPUs 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 two years, followed by one-year extension terms.

Volume discounts are given for purchase of multiple 4300 systems; discounts vary from one system grouping to another.

IBM 4300 Series users receive the basic DOS/VSE, OS/VS1, VM/370, or MVS system control programs at no additional cost. All other IBM software, including the DOS/VS Advanced Functions and the SSX/VSE and IX/370 operating systems, is priced separately. In addition, basic monthly charges have been established for maintenance of the IBM system control programs and other licensed program products.

Charges for most software products are based on a continuous monthly charge. A one-time license fee is available for SSX/VSE, IX/370, and selected programs. Users who have multiple systems controlled from a central site can pay the Basic License Fee for the central site and the Distributed Systems License Option (DSLO) fee for all other locations. Central Service, including the IBM Support Center, is provided through the customer location designated for the Basic License.

SUPPORT: For purchased or rented systems, the IBM 4300 Series is under maintenance group D. The minimum period of maintenance service is 9 consecutive hours between 7 a.m. and 6 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 a.m. Saturday)	10	12	14	16	18
Saturday (until 8 a.m. Sunday	4	5	7	8	9
Sunday (until 8 a.m. Monday)	4	7	9	11	12

*Outside of the hours 7 a.m. to 6 p.m.   ►

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▶For users without a maintenance contract, the 4300 Series is maintained under per-call class 3. Under this class, the per call charge during regular hours is $150 per hour, and during off hours the charge is $173 per hour.

For software, local programming support is available on two levels. The Monthly Licensed Program Support Charge provides local support for a single licensed program. The Monthly Multiple Licensed Program Support Charge provides local support for multiple copies of a program. The multiple copies can be installed at more than one customer location, but the local support is performed at one designated location. Local program support for Class 1 SCPs is offered on the same two levels.

An alternative to contracted software maintenance is per-call service, charged to the applicable hourly rate. Program service/programming assistance costs $182 per hour during regular hours and $209 per hour at other times. The initial and prime interface for software problems and their solution is the IBM Support Center, described below.

The centralized IBM Support Center provides 24-hour, 7-day customer access by telephone (an 800 number is provided). It utilizes the Software Support Facility data base, which incorporates every problem encountered and resolved (or unresolved) by the central support group. The customer is assisted in making out any APAR (program problem report), and gets advice on temporary fixes or bypasses.

Retain is a data base which serves as the heart of service support. It is available to 4300 customers as an online service. It is scanned for existing solutions to a problem as it occurs. Retain is also used as a place to store solutions to new problems so that others will not rediscover the same problems. If the Support Center cannot resolve a problem, the customer is put in touch with the Change Team Support Specialist, who is directly familiar with the section of coding relating to the problem being reported. If, after working with this individual, the problem still cannot be resolved, the PSR (Program Support Representative) from the customer's local office will be dispatched to assist. Under the new support plan, many of the facilities that were previously provided by IBM support personnel at no charge have become billable activities.

TRAINING: IBM offers a range of technically and conceptually oriented training programs covering a variety of subjects, from large-system operating environments to information systems use and management. Educational methods include classroom instruction, self-study, program offerings (computer-based training products running on the 4300 Series and other systems), and technical update videotapes. Courses are usually given at IBM Education Centers nationwide; some are held at IBM branch offices and, by special arrangement, at user sites.

For the 4300 systems, IBM offers a range of systems, applications, and operations courses for DOS/VSE/SSX, OS/VS1, MVS, and VM environments; courses on communications systems, data base management systems, and distributed processing, among other subjects, are also offered. IBM also makes available the 4300 Operator Training Series, a multimedia, self-study curriculum for system operations.

TYPICAL CONFIGURATIONS: The indicated prices for the following typical configurations include all the required control units and adapters, but do not include software.

The following is a typical 4361 Model Group 5 configuration:

4361 Model L5 processor with 4MB of main memory and one I/O channel	$184,200
Two 3278-2A operator consoles with keyboards	6,828
3310 DASD Model A2 with Model B2 attached (258MB)	21,690
Four 8809 magnetic tape units	45,140
2501 Model B2 card reader	19,920
Two 650 lpm 3262 Model 1 printers	30,080
3274 Model 31A communications controller	16,650
Workstation adapter	918
16 3178 Model C10 display stations	26,560
Total Price	**$351,986**

The following is a typical 4381 Model Group 3 configuration:

4381 Model Q3 dual processor system with 24MB of main memory and 12 I/O channels	$ 935,500
Two 3205 color display consoles	5,790
3287 Model 2 console printer	5,150
3380 Model A4 DASD with two Model B4s attached (7.5GB)	206,560
3880 Model 2 storage control	60,270
Eight 3420 Model 6 magnetic tape units	143,360
3803 Model 2 tape control	27,550
2501 Model B2 card reader	19,920
Three 4245 Model 1 2000 lpm printers	190,500
Two 3274 Model 31A communications controllers	33,300
Six workstation adapters	5,508
64 3178 Model C10 display stations	106,240
Total Price	**$1,739,648**

EQUIPMENT PRICES

	Purchase Price ($)	Monthly Maint. ($)	Monthly Rental Charge* ($)	Monthly 2-Year Lease Charge* ($)
PROCESSORS AND UPGRADES				
4361 K3 Processor with 2,097,152 bytes of main memory and 8K-byte buffer	56,500	295.00	3,775	NA
4361 L3 Same as 4361 K3, but with 4,194,304 bytes of main memory	71,500	347.00	4,961	NA ▶

*Rental/lease prices include equipment maintenance.
**Requires feature 1870 if not already installed.
***Standard 4361 Model Group 4 or 5 features that are optional on the 4361 Model Group 3 must already be installed.
****RPQ (Request for Price Quotation) required. Not recommended for field installation.
NC—No charge.
NA—Not applicable.

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EQUIPMENT PRICES

		Purchase Price ($)	Monthly Maint. ($)	Monthly Rental Charge* ($)	Monthly 2-Year Lease Charge* ($)
4361 K4	Processor with 2,097,152 bytes of main memory and 8K-byte buffer	126,900	490.00	9,095	NA
4361 L4	Same as 4361 K4, but with 4,194,304 bytes of main memory	141,900	542.00	10,281	NA
4361 LK4	Same as 4361 K4, but with 6,291,456 bytes of main memory	161,900	594.00	4,467	NA
4361 M4	Same as 4361 K4, but with 8,388,608 bytes of main memory	176,900	646.00	12,653	NA
4361 ML4	Same as 4361 K4, but with 12,852,912 bytes of main memory	206,900	750.00	15,025	NA
4361 K5	Processor with 2,097,152 bytes of main memory and 16K-byte buffer	169,200	590.00	12,090	NA
4361 L5	Same as K5, but with 4,194,304 bytes of main memory	184,200	642.00	13,276	NA
4361 LK5	Same as K5, but with 6,291,456 bytes of main memory	199,200	694.00	14,462	NA
4361 M5	Same as K5, but with 8,388,608 bytes of main memory	214,200	746.00	15,648	NA
4361 ML5	Same as K5, but with 12,582,912 bytes of main memory	244,200	850.00	18,020	NA
4381 L1	Processor with 4,194,304 bytes of main memory and 8K-byte buffer	340,400	603.00	26,390	NA
4381 M1	Same as L1, but with 8,388,608 bytes of main memory	380,400	656.00	29,240	NA
4381 P1	Same as L1, but with 16,777,216 bytes of main memory	460,400	763.00	34,940	NA
4381 L2	Processor with 4,194,304 bytes of main memory and 32-byte buffer	460,000	719.00	35,660	NA
4381 M2	Same as L2, but with 8,388,608 bytes of main memory	500,000	772.00	38,510	NA
4381 P2	Same as L2, but with 16,777,216 bytes of main memory	580,000	879.00	44,210	NA
4381 Q2	Processor with 24 megabytes of main memory and 32K-byte buffer	660,000	986.00	49,920	NA
4381 R2	Processor with 32 megabytes of main memory and 32K-byte buffer	740,000	1,090.00	55,620	NA
4381 M3	Dual processor system with 8 megabytes of main memory and two 32K-byte buffers	775,500	920.00	58,850	NA
4381 P3	Dual processor system with 16 megabytes of main memory and two 32K-byte buffers	855,500	1,025.00	64,550	NA
4381 Q3	Dual processor system with 24 megabytes of main memory and two 32K-byte buffers	935,500	1,130.00	70,250	NA
4381 R3	Dual processor system with 32 megabytes of main memory and two 32K-byte buffers	1,015,500	1,240.00	75,950	NA

System upgrades:

		Purchase Price ($)	Monthly Maint. ($)	Monthly Rental Charge* ($)	Monthly 2-Year Lease Charge* ($)
	4361 K3 to 4361 L3	15,000	NA	NA	NA
	4361 K3 to 4361 K4***	58,560	NA	NA	NA
	4361 K3 to 4361 L4***	73,560	NA	NA	NA
	4361 K3 to 4361 LK4***	93,560	NA	NA	NA
	4361 K3 to 4361 M4***	108,560	NA	NA	NA
	4361 K3 to 4361 ML4***	138,560	NA	NA	NA
	4361 L3 to 4361 L4***	58,560	NA	NA	NA
	4361 L3 to 4361 LK4***	78,560	NA	NA	NA
	4361 L3 to 4361 M4***	93,560	NA	NA	NA
	4361 L3 to 4361 ML4***	123,560	NA	NA	NA
	4361 K3 to 4361 K5***	98,195	NA	NA	NA
	4361 K3 to 4361 L5***	113,195	NA	NA	NA
	4361 K3 to 4361 LK5***	128,195	NA	NA	NA
	4361 K3 to 4361 M5***	143,195	NA	NA	NA
	4361 K3 to 4361 ML5**	173,195	NA	NA	NA
	4361 L3 to 4361 L5***	98,195	NA	NA	NA
	4361 L3 to 4361 LK5***	113,195	NA	NA	NA
	4361 L3 to 4361 M5***	128,195	NA	NA	NA
	4361 L3 to 4361 ML5***	158,195	NA	NA	NA
	4361 K4 to 4361 L4	15,000	NA	NA	NA
	4361 K4 to 4361 LK4	35,000	NA	NA	NA
	4361 K4 to 4361 M4	50,000	NA	NA	NA
	4361 K4 to 4361 ML4	80,000	NA	NA	NA
	4361 L4 to 4361 LK4	20,000	NA	NA	NA
	4361 L4 to 4361 M4	35,000	NA	NA	NA
	4361 L4 to 4361 ML4	65,000	NA	NA	NA
	4361 LK4 to 4361 M4	15,000	NA	NA	NA
	4361 LK4 to 4361 ML4	45,000	NA	NA	NA

*Rental/lease prices include equipment maintenance.
**Requires feature 1870 if not already installed.
***Standard 4361 Model Group 4 or 5 features that are optional on the 4361 Model Group 3 must already be installed.
****RPQ (Request for Price Quotation) required. Not recommended for field installation.
NC—No charge.
NA—Not applicable.

IBM 4300 Series

EQUIPMENT PRICES

	Purchase Price ($)	Monthly Maint. ($)	Monthly Rental Charge* ($)	Monthly 2-Year Lease Charge* ($)
4361 M4 to 4361 ML4	30,000	NA	NA	NA
4361 K4 to 4361 K5	39,635	NA	NA	NA
4361 K4 to 4361 L5	54,635	NA	NA	NA
4361 K4 to 4361 LK5	69,635	NA	NA	NA
4361 K4 to 4361 M5	84,635	NA	NA	NA
4361 K4 to 4361 ML5	114,635	NA	NA	NA
4361 L4 to 4361 L5	39,635	NA	NA	NA
4361 L4 to 4361 LK5	54,635	NA	NA	NA
4361 L4 to 4361 M5	69,635	NA	NA	NA
4361 L4 to 4361 ML5	99,635	NA	NA	NA
4361 LK4 to 4361 LK5	34,635	NA	NA	NA
4361 LK4 to 4361 M5	49,635	NA	NA	NA
4361 LK4 to 4361 ML5	79,635	NA	NA	NA
4361 M4 to 4361 M5	34,635	NA	NA	NA
4361 M4 to 4361 ML5	64,635	NA	NA	NA
4361 ML4 to 4361 ML5	34,635	NA	NA	NA
4361 K5 to 4361 L5	15,000	NA	NA	NA
4361 K5 to 4361 LK5	30,000	NA	NA	NA
4361 K5 to 4361 M5	45,000	NA	NA	NA
4361 K5 to 4361 ML5	75,000	NA	NA	NA
4361 L5 to 4361 LK5	15,000	NA	NA	NA
4361 L5 to 4361 M5	30,000	NA	NA	NA
4361 L5 to 4361 ML5	60,000	NA	NA	NA
4361 LK5 to 4361 M5	15,000	NA	NA	NA
4361 LK5 to 4361 ML5	45,000	NA	NA	NA
4361 M5 to 4361 ML5	30,000	NA	NA	NA
4381 L1 to 4381 L2	119,600	NA	NA	NA
4381 L1 to 4381 M1	40,000	NA	NA	NA
4381 L1 to 4381 M2	159,600	NA	NA	NA
4381 L1 to 4381 P1	120,000	NA	NA	NA
4381 L1 to 4381 P2	239,000	NA	NA	NA
4381 L1 to 4381 Q2	319,000	NA	NA	NA
4381 L1 to 4381 R2	399,000	NA	NA	NA
4381 M1 to 4381 M2	119,600	NA	NA	NA
4381 M1 to 4381 P1	80,000	NA	NA	NA
4381 M1 to 4381 P2	199,600	NA	NA	NA
4381 M1 to 4381 Q2	279,600	NA	NA	NA
4381 M1 to 4381 R2	359,600	NA	NA	NA
4381 P1 to 4381 P2	119,600	NA	NA	NA
4381 P1 to 4381 Q2	199,600	NA	NA	NA
4381 P1 to 4381 R2	279,600	NA	NA	NA
4381 L2 to 4381 M2	40,000	NA	NA	NA
4381 L2 to 4381 P2	120,000	NA	NA	NA
4381 M2 to 4381 P2	80,000	NA	NA	NA
4381 L2 to 4381 Q2	200,000	NA	NA	NA
4381 L2 to 4381 R2	280,000	NA	NA	NA
4381 L2 to 4381 M3	279,920	NA	NA	NA
4381 L2 to 4381 P3	359,920	NA	NA	NA
4381 L2 to 4381 Q3	439,920	NA	NA	NA
4381 L2 to 4381 R3	519,920	NA	NA	NA

*Rental/lease prices include equipment maintenance.
**Requires feature 1870 if not already installed.
***Standard 4361 Model Group 4 or 5 features that are optional on the 4361 Model Group 3 must already be installed.
****RPQ (Request for Price Quotation) required. Not recommended for field installation.
NC—No charge.
NA—Not applicable.

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EQUIPMENT PRICES

	Purchase Price ($)	Monthly Maint. ($)	Monthly Rental Charge* ($)	Monthly 2-Year Lease Charge* ($)
4381 M2 to 4381 Q2	160,000	NA	NA	NA
4381 M2 to 4381 R2	240,000	NA	NA	NA
4381 M2 to 4381 M3	239,920	NA	NA	NA
4381 M2 to 4381 P3	319,920	NA	NA	NA
4381 M2 to 4381 Q3	399,920	NA	NA	NA
4381 M2 to 4381 R3	479,920	NA	NA	NA
4381 P2 to 4381 Q2	80,000	NA	NA	NA
4381 P2 to 4381 R2	160,000	NA	NA	NA
4381 P2 to 4381 M3	****	NA	NA	NA
4381 P2 to 4381 P3	239,920	NA	NA	NA
4381 P2 to 4381 Q3	319,920	NA	NA	NA
4381 P2 to 4381 R3	399,920	NA	NA	NA
4381 Q2 to 4381 R2	80,000	NA	NA	NA
4381 Q2 to 4381 M3	****	NA	NA	NA
4381 Q2 to 4381 P3	****	NA	NA	NA
4381 Q2 to 4381 Q3	239,920	NA	NA	NA
4381 Q2 to 4381 R3	319,920	NA	NA	NA
4381 R2 to 4381 Q2	****	NA	NA	NA
4381 R2 to 4381 M3	****	NA	NA	NA
4381 R2 to 4381 P3	****	NA	NA	NA
4381 R2 to 4381 Q3	****	NA	NA	NA
4381 R2 to 4381 R3	239,920	NA	NA	NA
4381 L2 to 4381 Q2**	200,000	NA	NA	NA
4381 L2 to 4381 R2**	280,000	NA	NA	NA
4381 L2 to 4381 M3**	325,000	NA	NA	NA
4381 L2 to 4381 P3**	405,000	NA	NA	NA
4381 L2 to 4381 Q3**	485,000	NA	NA	NA
4381 L2 to 4381 R3**	565,000	NA	NA	NA
4381 M2 to 4381 Q2**	160,000	NA	NA	NA
4381 M2 to 4381 R2**	240,000	NA	NA	NA
4381 M2 to 4381 M3**	285,000	NA	NA	NA
4381 M2 to 4381 P3**	365,000	NA	NA	NA
4381 M2 to 4381 Q3**	445,000	NA	NA	NA
4381 M2 to 4381 R3**	525,000	NA	NA	NA
4381 P2 to 4381 Q2**	80,000	NA	NA	NA
4381 P2 to 4381 R2**	160,000	NA	NA	NA
4381 P2 to 4381 M3**	****	NA	NA	NA
4381 P2 to 4381 P3**	285,000	NA	NA	NA
4381 P2 to 4381 Q3**	365,000	NA	NA	NA
4381 P2 to 4381 R3**	445,000	NA	NA	NA
4381 Q2 to 4381 R2**	80,000	NA	NA	NA
4381 Q2 to 4381 M3**	****	NA	NA	NA
4381 Q2 to 4381 P3**	****	NA	NA	NA
4381 Q2 to 4381 Q3**	285,000	NA	NA	NA
4381 Q2 to 4381 R3**	365,000	NA	NA	NA
4381 R2 to 4381 Q2**	****	NA	NA	NA
4381 R2 to 4381 M3**	****	NA	NA	NA
4381 R2 to 4381 P3**	****	NA	NA	NA
4381 R2 to 4381 Q3**	****	NA	NA	NA
4381 R2 to 4381 R3**	285,000	NA	NA	NA
4381 M3 to 4381 P3	80,000	NA	NA	NA
4381 M3 to 4381 Q3	160,000	NA	NA	NA
4381 M3 to 4381 R3	240,000	NA	NA	NA
4381 P3 to 4381 M3	****	NA	NA	NA
4381 P3 to 4381 Q3	80,000	NA	NA	NA
4381 P3 to 4381 R3	160,000			

*Rental/lease prices include equipment maintenance.
**Requires feature 1870 if not already installed.
***Standard 4361 Model Group 4 or 5 features that are optional on the 4361 Model Group 3 must already be installed.
****RPQ (Request for Price Quotation) required. Not recommended for field installation.
NC—No charge.
NA—Not applicable.

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EQUIPMENT PRICES

	Purchase Price ($)	Monthly Maint. ($)	Monthly Rental Charge* ($)	Monthly 2-Year Lease Charge* ($)
4381 Q3 to 4381 M3	****	NA	NA	NA
4381 Q3 to 4381 P3	****	NA	NA	NA
4381 Q3 to 4381 R3	80,000	NA	NA	NA
4381 R3 to 4381 M3	****	NA	NA	NA
4381 R3 to 4381 P3	****	NA	NA	NA
4381 R3 to 4381 Q3	*****	NA	NA	NA

PROCESSOR FEATURES AND CHANNELS

Many of the features listed below include microcode as well as hardware. Microcode is supplied on diskettes.

Features for the 4361:

1100	Floating-Point Multiply Accelerator (standard on Model Groups 4 and 5)	8,500	20.00	518	NA
1200	Auto Start	1,200	5.00	74	NA
5248	Byte Multiplexer Channel (standard on Model Group 5)	2,665	3.00	150	NA
1421	Block Multiplexer Channel (standard on Model Groups 4 and 5)	3,340	3.00	189	NA
1431	High-Speed Block Multiplexer Channel	4,760	3.50	294	NA
1432	High-Speed Block Multiplexer Channel, additional (Model Groups 4 and 5 only)	4,760	3.50	294	NA
1433	High-Speed Block Multiplexer Channel, additional (Model Group 5 only)	4,760	3.50	294	NA
2002	Work Station Adapter	7,500	30.00	456	NA
3299	Terminal Multiplexer, Model 1; required for every 8 ports on a Work Station Adapter	1,175	NA	NA	NA
3201	DASD/8809 Adapter	2,730	5.00	156	NA
3202	DASD/8809 Adapter, additional	2,730	5.00	156	NA
3203	DASD/8809 Adapter, additional (Model Group 5 only)	2,730	5.00	156	NA
3204	DASD/8809 Adapter, additional (Model Group 5 only)	2,730	5.00	156	NA

Features for the 4381:

1850	Channel-to-Channel Adapter	23,150	31.00	1,650	NA
1870	Block Multiplexer Channels, additional	35,580	12.50	2,535	NA
1871	Additional Block Multiplexer Channels	35,580	12.50	2,535	NA

3088 Multisystem Channel Communication Unit:

	Model 1; connects to 4 processors	95,000	128.00	NA	NA
	Model 2; connects to 8 processors	145,000	160.00	NA	NA

System Consoles:

3205 100	Color Display Console	2,895	22.50	NA	NA
	Integrated operator control panel for 4361 processor (RPQ 7B0987)	2,770	NA	NA	NA
3278 2A	Display Console	2,505	18.50	135	115
3279 2C	Color Display Console	4,045	27.50	210	179
	4631 75-Key Operator Console Keyboard with channel-to-channel interface and operator control panel (for 4381)	977	5.50	54	46
	4632 same as 4631 without channel-to-channel interface (for 4381)	909	5.50	52	44
	4633 same as 4631 without operator control panel (for 4381)	472	4.00	23	20
	4634 same as 4631 without channel-to-channel interface (for 4361)	909	6.00	52	44

MASS STORAGE

3310	Disk Storage:				
	Model A1; one drive with controller; 64.5MB	6,960	68.00	580	494
	Model A2; two drives with controller; 64.5MB each	11,570	110.00	962	819
	Model B1; one drive; 64.5MB (for attachment to Model A2)	5,510	62.50	457	389
	Model B2; two drives; 64.5MB each (for attachment to Model A2)	10,120	104.00	839	714

*Rental/lease prices include equipment maintenance.
**Requires feature 1870 if not already installed.
***Standard 4361 Model Group 4 or 5 features that are optional on the 4361 Model Group 3 must already be installed.
****RPQ (Request for Price Quotation) required. Not recommended for field installation.
NC—No charge.
NA—Not applicable.

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EQUIPMENT PRICES

		Purchase Price ($)	Monthly Maint. ($)	Monthly Rental Charge* ($)	Monthly 2-Year Lease Charge* ($)
3340	Direct Access Storage Facility; 34.9 or 69.8MB per drive:				
	Model A2; two drives plus control	8,600	124.00	1,862	1,585
	Model B2; two drives	6,020	107.00	1,316	1,120
	4301 Fixed-Head Feature (for 3340 A2 or B2)	1,165	2.50	78	66
	6202 Rotational Position Sensing (for 3340 A2 or B2)	590	1.50	40	34
	6148 Remote Switch Attachment	NC	NC	NC	NC
	8150 String Switch for 3340 A2	4,915	16.00	371	316
3344	Direct Access Storage; 279.6MB per drive:				
	Model B2; Add-on Dual Disk Drive for 3340 Direct-Access Storage Facility	14,820	123.00	1,674	1,425
3348	Data Module (for 3340 drives):				
	Model 35; 34.9MB	1,600	NA	59	50
	Model 70; 69.8MB	2,200	NA	82	70
	Model 70F; 69.8MB of which 502,080 are served by fixed heads	4,400	NA	192	163
3350	Direct Access Storage; 317.5MB per drive:				
	Model A2; Dual Disk Drive	32,030	173.00	2,103	1,790
	Model A2F; Dual Disk Drive with 2MB fixed-head storage	39,970	224.00	2,620	2,230
	Model B2; Add-on Dual Disk Drive	25,360	130.00	1,674	1,425
	Model B2F; Add-on Dual Disk Drive for 2MB fixed-head storage per drive	33,300	182.00	2,191	1,865
	Model C2; Two-drive disk storage and associated control	33,130	182.00	2,191	1,865
	Model C2F; Two-drive disk storage and associated control	41,070	234.00	2,708	2,305
	1320 Primary Controller Adapter (permits selection of A2/AF controller as on-line controller via manual switch on the C2/C2F)	220	1.50	15	13
	8150 String Switch for 3350 A2, A2F, C2, C2F	3,690	9.50	257	219
3830	Storage Control, Model 2; for 3340/3344 or 3350 disk drives	8,120	120.00	2,815	2,365
	2150 Control Store Extension	1,880	11.00	650	546
	2151 Expanded Control Store; requires 2150	3,285	12.00	396	333
	6111 Register Expansion	109	3.50	37	31
	6148 Remote Switch Attachment	NC	NC	NC	NC
	6149 Remote Switch Attachment, additional	NC	NC	NC	NC
	8170 Two-Channel Switch	2,290	12.00	272	228
	8171 Two-Channel Switch, additional	2,290	12.00	272	228
3370	Direct Access Storage:				
	Model A1; Single Disk Drive; 571.3MB	35,480	147.00	1,563	1,330
	Model B1; Add-on Single Disk Drive for attachment to Model A1	26,600	110.00	1,173	998
	Model A2; 729.8MB; contains logic and power for up to three Model B2 units	35,480	134.00	2,030	NA
	Model B2; connects to a 3370 Model A2	26,600	101.00	1,520	NA
	8150 String Switch for 3370 A1	3,830	1.50	168	143
3375	Direct Access Storage; 819.7MB per drive:				
	Model A1; contains logic and power for up to three Model B1 units	38,040	139.00	1,563	1,330
	Model B1; connects to a 3375 Model A1	28,770	105.00	1,251	1,065
	Model D1; provides dual controller function in a 3375 string; requires one Model A1 and two Model B1s	36,290	128.00	1,486	1,265
	Model B1 to Model D1 Upgrade	7,520	NA	NA	NA
	4951 Model D1 Attachment for Model A1	2,590	6.00	95	81
	4952 Model D1 Attachment for Model B1	NC	NC	NC	NC
	8150 String Switch Feature for 3375 A1	3,795	1.50	168	143
3380	Direct Access Storage; 2.52 billion bytes per unit:				
	Model A4; connects to one 3880 storage director	77,680	285.00	4,471	3,805
	Model AA4; connects to one 3880 storage director	88,780	325.00	5,105	4,345
	Model B4; connects to a Model A unit	64,440	240.00	3,707	3,155
	Model AD4; 2.52GB Extended Capability drive; attaches to 3880 Model 3 or 23 storage directors	88,780	295.00	4,730	NA
	Model AE4; 5.04GB Extended Capability drive; attaches to 3880 Model 3 or 23 storage directors	134,740	295.00	7,030	NA
	Model BD4; 2.52GB Extended Capability drive; can be attached to AD4, AE4, BE4, or another BD4	64,440	215.00	3,440	NA
	Model BE4; 5.04GB Extended Capability drive; can be attached to AD4, AE4, BD4, or another BE4	110,400	215.00	5,735	NA

*Rental/lease prices include equipment maintenance.
**Requires feature 1870 if not already installed.
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****RPQ (Request for Price Quotation) required. Not recommended for field installation.
NC—No charge.
NA—Not applicable.

IBM 4300 Series

EQUIPMENT PRICES

		Purchase Price ($)	Monthly Maint. ($)	Monthly Rental Charge* ($)	Monthly 2-Year Lease Charge* ($)
▶ 3880	Storage Control; includes two storage directors:				
	Model 1; each storage director can attach up to four 3330/3333, 3340 A2, 3350 A2/A2F, 3370 A1, or 3375 A1 or D1 in any combination	60,270	176.00	3,819	3,250
	Model 2; provides one storage director for 3330/3333, 3340/3344, 3350, 3370, or 3375 storage and one for 3380 storage	60,270	176.00	3,819	3,250
	Model 3; provides two storage directors for 3380 storage	60,270	176.00	3,819	3,250
	Model 4; provides one storage director which can attach up to four 3375 Model A1s	35,000	82.50	2,195	NA
	Model D21; paging subsystem for 3350; includes two storage directors; 8 megabytes (4381 only)	143,750	575.00	8,305	NA
	Model E21; same as D21, but with 16 megabytes (4381 only)	183,750	600.00	10,470	NA
	Model G21; same as D21, but with 32 megabytes (4381 only)	263,750	650.00	14,800	NA
	Model H21; same as D21, but with 48 megabytes (4381 only)	343,750	700.00	19,130	NA
	Model J21; same as D21, but with 64 megabytes (4381 only)	423,750	750.00	23,460	NA
	Model D23; includes two cache storage directors for 3380; 8 megabytes (for 4381 only)	143,750	575.00	8,305	NA
	Model E23; same as D23, but 16 megabytes (4381 only)	183,750	600.00	10,470	NA
	Model G23; same as D23, but with 32 megabytes (4381 only)	263,750	650.00	14,800	NA
	Model H23; same as D23, but with 48 megabytes (4381 only)	343,750	700.00	19,130	NA
	Model J23; same as D23, but with 64 megabytes (4381 only)	423,750	750.00	23,460	NA
	6148 Remote Switch Attachment	NC	NC	NC	NC
	6149 Remote Switch Attachment, additional	NC	NC	NC	NC
	6150 Remote Switch Attachment for Eight-Channel Switch	NC	NC	NC	NC
	6550 Speed Matching Buffer for 3380	11,420	40.00	553	471
	8170 Two-Channel Switch Pair	6,225	11.00	390	332
	8171 Two-Channel Switch Pair, additional	16,610	38.50	1,053	896
	8172 Eight-Channel Switch	22,850	53.50	1,451	1,235

MAGNETIC TAPE EQUIPMENT

		Purchase Price ($)	Monthly Maint. ($)	Monthly Rental Charge* ($)	Monthly 2-Year Lease Charge* ($)
3410	Magnetic Tape Unit:				
	Model 1; 20,000 bytes/sec.	3,365	123.00	325	273
	Model 2; 40,000/20,000 bytes/sec.	4,365	135.00	432	363
	Model 3; 80,000/40,000 bytes/sec.	5,365	149.00	544	457
3411	Magnetic Tape Unit and Control:				
	Model 1; 20,00 bytes/sec.	7,910	190.00	724	608
	Model 2; 40,00/20,000 bytes/sec. (not in new production)	9,910	204.00	921	774
	Model 3; 80,000/40,000 bytes/sec. (not in new production)	11,910	216.00	1,115	937
	3211 Single Density Feature (for 3410 and 3411)	1,140	16.00	94	79
	3221 Dual Density Feature (for 3410 and 3411)	2,185	57.00	138	116
	7360 System/360/370 Attachment (required on 3411)	1,950	39.50	260	218
3420	Magnetic Tape Units:				
	Model 3; 120,000 bytes/sec. at 1600 bpi; 75 ips	11,930	226.00	648	544
	Model 4; 470,000 bytes/sec. at 6250 bpi; 75 ips	15,340	226.00	907	762
	Model 5; 200,000 bytes/sec. at 1600 bpi; 125 ips	16,000	248.00	874	734
	Model 6; 780,000 bytes/sec. at 6250 bpi; 125 ips	17,920	248.00	1,045	878
	Model 7; 320,000 bytes/sec. at 1600 bpi; 200 ips	17,920	297.00	1,035	869
	Model 8; 1250 bytes/sec. at 6250 bpi; 200 ips	19,880	365.00	1,240	1,042
	6420 6250 bpi Density Feature (for 3420 Models 4, 6, and 8)	1,600	68.00	88	74
	6425 6250/1600 bpi Density Feature (for 3420 Models 4, 6, and 8)	2,205	90.00	128	108
	6631 Single Density Feature (for Models 3, 5, and 7)	2,870	67.50	150	126
	3550 Dual Density Feature (for Models 3, 5, and 7)	3,705	113.00	196	165
	6407 7-Track Feature (for Models 3, 5, and 7)	2,870	98.00	150	126
3430	Magnetic Tape Subsystem:				
	Model A1; Tape Unit and Control	33,400	251.00	2,175	NA
	Model B1; Tape Unit only	16,900	176.00	1,155	NA
3480	Magnetic Tape Subsystem:				
	Model A22 Control Unit	65,430	385.00	3,880	NA
	Model B22 Magnetic Tape Unit	43,120	240.00	2,545	NA

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****RPQ (Request for Price Quotation) required. Not recommended for field installation.
NC—No charge.
NA—Not applicable.

IBM 4300 Series

EQUIPMENT PRICES

		Purchase Price ($)	Monthly Maint. ($)	Monthly Rental Charge* ($)	Monthly 2-Year Lease Charge* ($)
	1511 First Channel Attachment	5,785	21.00	331	NA
	1512 Second Channel Attachment	5,785	21.00	331	NA
	1513 Third Channel Attachment	5,785	21.00	331	NA
3803	Tape Controller:				
	Model 1; for 3420 Models 3, 5, 7	20,680	144.00	1,125	945
	Model 2; for 3420 Models 3 through 8 drives	27,550	199.00	1,640	1,378
	5310 9-Track NRZI Feature (permits connection of 800-bpi drives to 3803-2)	3,080	2.00	158	133
	6320 7-Track NRZI Feature (permits connection of 800-bpi drives to 3803-2; 5310 is prerequisite)	1,515	2.00	79	66
	Multiple Tape Control Switches (for switching up to sixteen 3420 tape drives among up to four 3803 control units):				
	1792 for 2 Tape Controls	6,130	14.00	328	276
	1793 for 3 Tape Controls	7,820	23.00	425	357
	1794 for 4 Tape Controls	9,195	23.00	498	418
	6148 Remote Switch Attachment	910	NA	48	40
	8100 Two-Channel Switch	4,600	6.50	243	204
8809	Magnetic Tape Unit (4361 only):				
	Model 1A; first drive; operates in start/stop mode at 20,000 bytes/sec. or in streaming mode at 160,000 bytes/sec. (not in new production)	11,960	88.00	774	493
	Model 2; second, fourth, or sixth drive; attaches to Model 1A or 3	10,610	79.50	692	438
	Model 3; third or fifth drive; attaches to Model 2	11,960	88.00	774	493

DISKETTE EQUIPMENT

		Purchase Price ($)	Monthly Maint. ($)	Monthly Rental Charge* ($)	Monthly 2-Year Lease Charge* ($)
3540	Diskette Input/Output Unit:				
	Model B1; one drive; 242.9KB	27,520	85.00	1,263	1,075
	Model B2; two drives	41,910	117.00	1,886	1,605

PUNCHED CARD EQUIPMENT

		Purchase Price ($)	Monthly Maint. ($)	Monthly Rental Charge* ($)	Monthly 2-Year Lease Charge* ($)
1442	Card Read Punch (with control), Model N1; 400/91 cpm	24,040	348.00	1,230	NA
2501	Card Reader (with control):				
	Model B1; 600 cpm	19,610	144.00	623	NA
	Model B2; 1000 cpm	19,920	158.00	767	NA
3525	Card Punch:				
	Model P1; 100 cpm	25,520	199.00	960	NA
	Model P2; 200 cpm	26,520	269.00	1,210	NA
	Model P3; 300 cpm	27,520	336.00	1,455	NA
	1533 Card Read Feature	7,645	50.00	283	NA
	1421 Basic Card Print	16,750	198.00	621	NA
	5273 Multi-Line Card Print	1,365	57.50	166	NA
	8339 Two-Line Card Print	874	8.00	25	NA

PRINTERS

		Purchase Price ($)	Monthly Maint. ($)	Monthly Rental Charge* ($)	Monthly 2-Year Lease Charge* ($)
1403	Printer:				
	Model N1; 1100 lpm; 132 print positions	40,040	735.00	1,664	NA
	1416 Interchangeable Train Cartridge (required for 1403 N1)	2,930	NA	190	NA
	4740 Interchangeable Train Cartridge Adapter (for 1403-2 or -7)	2,030	NA	99	NA
	8640 Universal Character Set Feature (for 1403 N1)	447	4.00	14	NA
	8641 Universal Character Set Feature (for 1403-2)	313	4.00	14	NA
2821	Control Unit:				
	Model 2; for one 1403	27,190	100.00	1,200	NA
	Model 3; for two 1403s	54,270	205.00	2,395	NA

*Rental/lease prices include equipment maintenance.
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****RPQ (Request for Price Quotation) required. Not recommended for field installation.
NC—No charge.
NA—Not applicable.

IBM 4300 Series

EQUIPMENT PRICES

		Purchase Price ($)	Monthly Maint. ($)	Monthly Rental Charge* ($)	Monthly 2-Year Lease Charge* ($)
	3615 1100 lpm Printer Adapter (for 2821; required for 1403 N1)	2,815	3.00	131	NA
	7945 Third Printer Control (for 2821 Model 3 or 5)	22,560	16.00	939	NA
	8100 Two-Channel Switch	9,895	20.00	368	NA
	8637 Universal Character Set Adapter	718	6.50	22	NA
3203	Printer, Model 5; 1200 lpm, 132 print positions	33,875	451.00	2,155	1,835
	1416 Interchangeable Train Cartridge (required)	2,930	NA	190	NA
3211	Printer, Model 1; 2000 lpm, 132 print positions	40,080	1,045.00	2,985	NA
	3216 Interchangeable Train Cartridge	11,600	226.00	706	NA
	5554 18 Additional Print Positions	2,150	17.00	86	NA
3811	Control Unit for 3211 Printer	17,685	135.00	1,315	NA
	5553 18 Additional Print Positions	789	5.00	28	NA
3262	Line Printer:				
	Model 1; 650 lpm (4361 only)	15,040	202.50	679	NA
	Model 5; 650 lpm (attachment to virtual storage processors)	17,000	202.50	941	NA
	Model 11; 325 lpm (4361 only)	12,620	148.00	499	NA
3268	Model 2	7,500	69.00	NA	NA
	Model 2C	8,990	92.00	NA	NA
3287	Serial Printer:				
	Model 1; 80 cps	4,830	37.50	NA	NA
	Model 2; 120 cps	5,150	46.50	NA	NA
	Model 1C; 4 colors; 80 cps	5,210	42.50	NA	NA
	Model 2C; 4 colors; 120 cps	5,530	51.50	NA	NA
	1120 APL/Text	165	0.50	NA	NA
	3610 Extended Character Set Adapter	429	3.00	NA	NA
	3880 Extended Print Buffer	198	0.50	NA	NA
	4110 Friction Feed Paper Handling	151	0.50	NA	NA
	8330 3271/3272 Attachment for Models 1 and 2	860	2.50	NA	NA
	8331 3274/3276 Attachment for Models 1 and 2	165	0.50	NA	NA
	8700 Variable-Width Forms Tractor	151	0.50	NA	NA
4245	Printer, Model 1; 2000 lpm; 132 print positions (for 4381 only)	63,500	715.00	4,015	NA
4248	Printer, Model 1; 2200 to 3600 lpm; 132 print positions (for 4381 only)	99,000	1,070.00	6,205	NA
	3751 Additional 36 Print Positions (plant installation)	10,000	110.00	615	NA
	3753 Additional 36 Print Positions (field installation)	15,000	110.00	615	NA
4250	Nonimpact printer, Model 1; 600 x 600 dots per square inch (4361 only)	21,000	170.00	1,285	NA

OPTICAL AND MAGNETIC READERS

		Purchase Price ($)	Monthly Maint. ($)	Monthly Rental Charge* ($)	Monthly 2-Year Lease Charge* ($)
1255	Magnetic Character Reader:				
	Model 1; 500 dpm, 6 stackers	41,040	443.00	1,650	NA
	Model 2; 750 dpm, 6 stackers	46,970	694.00	2,025	NA
	Model 3; 750 dpm, 12 stackers	63,960	870	2,665	NA
	3215 Dash Symbol Transmission (for 1255 or 1419)	56	NC	38	NA
	4380 51-Column Card Sorting (for 1255 or 1419)	661	NC	18	NA
	4520 High-Order Zero and Bank Selection (for 1255 Model 3 only)	1,515	NA	54	NA
	7060 Self-Checking Numbers (for 1255)	2,465	NA	89	NA
	6360 System/360/370 Adapter (required on 1255)	22,910	60.50	933	NA
1419	Magnetic Character Reader; 1600 dpm	89,050	1,350.00	4,175	NA
	7061 Self-Checking Number, Modulus 10	1,560	6.00	66	NA
	7062 Self-Checking Number, Modulus 11	2,410	9.00	108	NA

Rental/lease prices include equipment maintenance.
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NC—No charge.
NA—Not applicable.

IBM 4300 Series

EQUIPMENT PRICES

		Purchase Price ($)	Monthly Maint. ($)	Monthly Rental Charge* ($)	Monthly 2-Year Lease Charge* ($)
➤ 3890	Document Processor; Model A has 13K bytes, Model B has 29K bytes of memory:				
	Model A1; 6 pockets	280,350	440.00	8,755	NA
	Model A2; 12 pockets	327,300	529.00	10,150	NA
	Model A3; 18 pockets	374,250	614.00	11,550	NA
	Model A4; 24 pockets	421,200	701.00	12,940	NA
	Model A5; 30 pockets	468,150	785.00	14,340	NA
	Model A6; 36 pockets	515,100	873.00	15,730	NA
	Model B1; 6 pockets	302,560	536.00	10,910	NA
	Model B2; 12 pockets	349,510	625.00	12,300	NA
	Model B3; 18 pockets	396,460	709.00	13,700	NA
	Model B4; 24 pockets	443,410	798.00	15,090	NA
	Model B5; 30 pockets	490,360	883.00	16,490	NA
	Model B6; 36 pockets	537,310	968.00	17,890	NA
	Model E2; 12 stackers	243,785	698.00	NA	NA
	Model E3; 18 stackers	290,735	778.00	NA	NA
	Model E4; 24 stackers	337,685	859.00	NA	NA
	Model E5; 30 stackers	384,635	937.00	NA	NA
	Model E6; 36 stackers	431,585	1,015.00	NA	NA
	Model F2; 12 stackers	265,995	786.00	NA	NA
	Model F3; 18 stackers	312,945	866.00	NA	NA
	Model F4; 24 stackers	359,895	949.00	NA	NA
	Model F5; 30 stackers	406,845	1,025.00	NA	NA
	Model F6; 36 stackers	453,795	1,105.00	NA	NA

SYSTEM MANAGEMENT

		Purchase Price ($)	Monthly Maint. ($)	Monthly Rental Charge* ($)	Monthly 2-Year Lease Charge* ($)
3814	Switching Management System (requires one Model A):				
	Model A1; Controller; 4 x 4 switch	47,480	145.00	2,438	1,950
	Model A2; Controller; 4 x 8 switch	60,420	189.00	3,106	2,485
	Model A3; Controller; 8 x 4 switch	64,740	185.00	3,331	2,665
	Model A4; Controller; two 4 x 4 switches	69,570	203.00	3,588	2,870
	Model B1; Remote Unit; 4 x 4 switch	39,710	98.00	2,044	1,635
	Model B2; Remote Unit; 4 x 8 switch	52,660	143.00	2,706	2,165
	Model B3; Remote Unit; 8 x 4 switch	56,970	138.00	2,931	2,345
	Model B4; Remote Unit; two 4 x 4 switches	61,800	156.00	3,181	2,545
	Model C1; Expansion Unit; 4 x 4 switch	37,980	95.00	1,950	1,560
	Model C2; Expansion Unit; 4 x 8 switch	50,930	139.00	2,613	2,090
	Model C3; Expansion Unit; 8 x 4 switch	55,240	134.00	2,838	2,270
	Model C4; Expansion Unit; two 4 x 4 switches	60,070	153.00	3,094	2,475
	3604 Keyboard/Display, Model 6, one required	1,745	14.50	126	98
	1520 Channel Expansion Internal—4 Control Unit Interfaces	1,550	1.00	80	64
	1521 Channel Expansion Internal—8 Control Unit Interfaces	3,100	1.00	156	125
	6010 Remote Two-Channel Switch Control—Basic	5,180	19.50	263	210
	6011 Remote Two-Channel Switch Control—Additional	2,415	14.50	124	99
	6350 System Power Sequencing—Additional	207	NA	8	6

COMMUNICATIONS EQUIPMENT

For the 4361:

		Purchase Price ($)	Monthly Maint. ($)	Monthly Rental Charge* ($)	Monthly 2-Year Lease Charge* ($)
	1020 Autocall Unit Interface	330	3.50	16	NA
	1601 Communications Adapter, base (optional on all model groups)	2,330	3.00	131	NA
	3701 EIA/CCITT Interface	330	3.50	16	NA
	4695 Line Attachment Base; for clocked modems	330	2.00	16	NA
	4696 Line Attachment Base; for nonclocked modems	390	2.00	20	NA
	4720 High-Speed Modem Adapter	1,000	3.50	48	NA
	4801 Local Attachment Interface	830	4.50	41	NA
	5650 Digital Data Service Adapter	750	4.00	34	NA
	4717 High-Speed Digital Interface	2,050	6.00	126	NA
	5655 X.25 Adapter, nonswitched	770	2.50	31	NA
4994	ASCII Device Attachment Control Unit:				
	Model A; supports up to 16 devices	16,735	214.00	959	NA
	Model B; supports up to 32 devices	25,850	282.00	1,490	NA
	Model C; supports up to 48 devices	32,300	344.00	1,865	NA ➤

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****RPQ (Request for Price Quotation) required. Not recommended for field installation.
NC—No charge.
NA—Not applicable.

IBM 4300 Series

EQUIPMENT PRICES

		Purchase Price ($)	Monthly Maint. ($)	Monthly Rental Charge* ($)	Monthly 2-Year Lease Charge* ($)
► 7171	ASCII Device Attachment Control Unit, Model 1; supports up to 64 devices	12,420	245.00	NA	NA
	4000 8-Line Increment	830	13.50	NA	NA
	4002 8-Line Increment, additional	1,325	13.50	NA	NA
	4001 Spare Parts Kit	5,705	NA	NA	NA
3705-II	Communication Controller; for detailed pricing see the IBM 308X Series report in this section				
3725	Communication Controller:				
	Model 1; up to six channel adpaters and from 512K to 1024K bytes of main storage capacity	75,000	224.00+	3,725	NA
	Model 2; up to two channel adapters and 512K bytes of main storage capacity (Model 2 to Model 1 Upgrade charge is $16,000)	60,500	200.00+	2,810	NA
	1561 Channel Adapter	6,750	8.50+	337	NA
	4666 Internal Clock Control	1,500	2.00+	73	NA
	4771 LAB Type A	19,000	17.00+	943	NA
	4772 LAB Type B	26,400	29.00+	1,315	NA
	4911 LIC Type 1	2,600	2.00+	131	NA
	4921 LIC Type 2	3,000	2.00+	148	NA
	4931 LIC Type 3	3,000	2.00+	148	NA
	4941 LIC Type 4A	2,600	2.00+	131	NA
	4942 LIC Type 4B	3,000	2.00+	148	NA
	7100 Storage Increment 256K	4,375	20.00+	217	NA
	8320 Two Processor Switch	4,000	3.00+	200	NA
3726	Communication Controller Expansion	32,000	42.00+	1,585	NA
3727	Operator Console	2,390	27.00+	182	NA

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****RPQ (Request for Price Quotation) required. Not recommended for field installation.
NC—No charge.
NA—Not applicable.

SOFTWARE PRICES

		Initial Charge		Monthly Charge		
		Basic License Charge ($)	DSLO License Charge ($)	Basic License Charge ($)	DSLO Charge ($)	Licensed Program Support Charge ($)
5666-265	SSX/VSE	*20,000	*18,000	1,315	1,105	123
5666-274	SSX/VSE RPG II	NA	NA	160	120	7
5666-276	SSX/VSE PL/1 Optimizing Compiler and Library	NA	NA	347	260	50
5666-277	SSX/VSE PL/1 Transient Library	NA	NA	35	25	7
5666-275	DL/1 SSX/VSE	NA	NA	429	322	126
5666-301	VSE/Advanced Functions Version 2, Release 1, Modification Level 1	*11,430	NA	410	NA	99
5666-316	VSE/SP Version 2, Release 1, Modification Level 1	36,730	33,057	NA	NA	394
5666-313	ACF/VTAM Version 3 for VSE	963	864	321	288	NA
5668-981	X.25 Packet Switching Interface	770	557	269	202	40
5735-RC2	ACF/VTAM, OS/VS	1,320	990	457	343	55
	Networking Feature	3,080	2,310	1,100	825	163
5746-RC3	ACF/VTAM, DOS/VSE	NA	NA	197	177	58
	Networking Feature	NA	NA	374	337	174
5735-RC3	ACF/TCAM Version 2, OS/VS	2,420	1,815	874	655	91
	Networking Feature	4,070	3,053	1,465	1,099	113
5735-XX1	ACF/NCP/VS	1,305	979	234	176	35
5735-XX7	Network Terminal Option	660	495	206	155	12 ►

*One-time license charge.
NA—Not applicable.

IBM 4300 Series

SOFTWARE PRICES

		Initial Charge		Monthly Charge		
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5746-XE8	VSE/Advanced Functions	NA	NA	299	270	61
5746-RC7	Advanced Communications Function for VTAM Entry (ACF/VTAME)	*4,000	*3,000	191	172	82
5746-TS1	VSE/Interactive Computing and Control Facility	NA	NA	161	144	28
5746-XE3	VSE/POWER Version 1	*1,800	*1,350	68	61	17
5666-273	VSE/POWER Version 2	498	447	166	149	33
5746-AM5	VSE/3270 Bisync Pass Through	*4,325	NA	198	NA	NA
5746-AM2	VSE/VSAM	NA	NA	82	74	24
	VSE/VSAM Space Management for SAM feature	NA	NA	44	30	9
5746-AM4	VSE/Fast Copy Data Set Program	*454	NA	NA	NA	NA
5746-UT3	VSE/Data Interfile Transfer, Testing, and Operations Utility (VSE/DITTO)	NA	NA	40	31	5
5746-XE7	VSE/Access Control—Logging and Reporting	*2,360	*2,125	63	57	24
5746-SA1	VSE/Interactive Problem Control System	*800	*600	37	26	6
5746-RC5	Basic Telecommunications Access Method Extended Support	NA	NA	44	40	7
5746-LM3	DOS Fortran IV Library Option I	NA	NA	40	30	7
5746-CB1	DOS/VS Cobol Compiler and Library	NA	NA	184	138	15
5746-LM4	DOS/VS Cobol Library	NA	NA	33	24	7
5736-PL1	DOS PL/1 Optimizing Compiler	NA	NA	251	188	39
5736-LM4	DOS PL/1 Resident Library	NA	NA	58	43	7
5736-LM5	DOS PL/1 Transient Library	NA	NA	34	25	7
5736-PL3	DOS PL/1 Optimizing Compiler and Library	NA	NA	344	258	53
5746-RG1	DOS/VS RPG II	NA	NA	160	120	7
5746-SM2	DOS/VS Sort/Merge (Version 2)	NA	NA	108	81	14
5746-XX1	DL/1 DOS/VS (Version 1)	NA	NA	459	344	149
5748-XXJ	SQL/Data System, Release 3	NA	NA	464	347	28
5664-169	VM/XA Systems Facility	11,220	8,415	3,740	2,805	583
5664-301	VM/SP Entry	*40,000	*36,000	2,000	NA	NA
5748-XX8	VM/Basic System Extensions	NA	NA	181	135	44
5748-XE1	VM/System Extensions	NA	NA	1,435	1,076	197
5664-167	VM/System Product	NA	NA	443	332	69
5748-XP1	Remote Spooling Communications Subsystem (RSCS) Networking	NA	NA	111	83	38
5748-XXC	VM/Interactive File Sharing	NA	NA	52	39	16
5748-XXB	Display Management System/CMS	NA	NA	40	27	9
5748-XE4	VM/Directory Maintenance	NA	NA	112	84	30
5748-XT3	VM/CMS-3270 Display Support and Structured Programming Facility	NA	NA	448	NA	NA
5748-SA1	VM/Interactive Problem Control System Extension	*1,000	*750	50	34	6
5748-MS1	Interactive Productivity Facility	NA	NA	50	36	6
5748-RC1	VM/Pass-Through Facility	NA	NA	185	139	90
5798-DFH	Fortran Utilities for VM/370 III	2,400	NA	NA	NA	NA
5798-DLL	Data Base Edit Facility for VM/SP-CMS	5,500	NA	NA	NA	NA
5798-DLQ	Data Base Edit Facility for MVS/TSO	7,000	NA	NA	NA	NA
5746-XX3	CICS/DOS/VS	NA	NA	686	617	149
5740-XX1	CICS/OS/VS	5,730	4,290	1,910	1,430	160
5740-XC5	Development Management System/CICS/VS-OS	NA	NA	341	255	54
5740-XXF	DB/DC Data Dictionary for OS/VS	NA	NA	1,110	832	115
5746-XXC	DB/DC Data Dictionary for DOS/VS	NA	NA	491	367	91
5662-257	OS/VS1 Basic Programming Extension	NA	NA	259	194	48
5740-XYS	MVS/SP-JES2 Version 1	NA	NA	2,150	1,612	117
5740-XC6	MVS/SP-JES2 Version 2	12,840	9,630	4,280	3,210	673
5740-XYN	MVS/SP-JES3 Version 1	NA	NA	2,150	1,612	117
5665-291	MVS/SP JES3 Version 2	14,430	10,821	4,810	3,607	1,335
5665-288	MVS Operator Communication Control Facility	1,050	786	350	262	8
5665-289	ACF/VTAM Version 3 for MVS/XA	6,255	4,695	2,085	1,565	NA
5665-313	ACF/VTAM Version 3 for MVS/370	5,130	3,840	1,710	1,280	NA
5665-285	TSO/Extensions Release 2.1	1,500	1,125	555	416	108
5740-XY4	RMF Version 2	NA	NA	406	304	17
5740-XR8	JES2 NJE	NA	NA	807	605	96
5799-AZT	JES3 NJE	NA	NA	2,055	1,545	326
5740-XRB	MVS Hierarchical Storage Manager	NA	NA	579	434	129

*One-time license charge.
NA—Not applicable.

IBM 4300 Series

SOFTWARE PRICES

		Initial Charge		Monthly Charge		
		Basic License Charge ($)	DSLO License Charge ($)	Basic License Charge ($)	DSLO Charge ($)	Licensed Program Support Charge ($)
5748-FO3	VS Fortran Compiler and Library	747	558	249	186	18
5748-LM3	VS Fortran Library	219	162	73	54	7
5748-AP1	VS APL	NA	NA	386	289	41
5734-PL3	OS PL/1 Compiler and Library	NA	NA	398	298	53
5734-PL1	OS PL/1 Compiler	NA	NA	296	222	39
5734-LM4	OS PL/1 Resident Library	NA	NA	64	48	7
5734-LM5	OS PL/1 Transient Library	NA	NA	37	27	7
5740-SM1	OS/VS Sort/Merge	NA	NA	247	185	19
5740-CB1	OS/VS Cobol Compiler and Library	NA	NA	365	273	15
5740-LM1	OS/VS Cobol Library	NA	NA	118	88	7
5740-AM6	Data Facility/Device Support (OS/VS1)	NA	NA	90	67	25
5740-UT3	Data Facility/Data Set Services (OS/VS1 and MVS)	NA	NA	88	66	40
5668-002	Direct Access Storage Device Migration Aid (OS/VS1 and MVS)	1,450	NA	NA	NA	19

IX/370

		One-Time License Charge ($)	Monthly Program Support ($)	Monthly Multiple Program Support ($)
5667-126	IX/370 operating system			
4506	IX/370; support for up to 16 currently signed-on terminal users (CSTUs)	10,000	475	792
4507	IX/370; support for up to 32 CSTUs; requires 4506	10,000	475	792
4508	IX/370; support for up to 64 CSTUs; requires 4506 and 4507	20,000	475	792
4509	IX/370; support for 65+ CSTUs; requires 4506, 4507, and 4508	35,000	475	792

CHARGES FOR LOCAL SYSTEM SUPPORT FOR CONTROL PROGRAMMING

	Monthly Program Support ($)	Monthly Multiple Program Support ($)
For Class 1 SCP on 4361 Model Group 3:		
Category A (VM, DOS/VSE, VSI)	368	588
For Class 1 SCP on 4361 Model Group 4:		
Category A	556	889
For Class 1 SCP on 4361 Model Group 5:		
Category A (VM, DOS/VSE, VS1)	730	1,168
Category B	934	1,495
For Class 1 SCP on 4381 Model Group 1:		
Category A	688	1,101
Category B	982	1,571
For Class 1 SCP on 4381 Model Group 2:		
Category A	724	1,158
Category B	1,030	1,648
For Class 1 SCP on 4381 Model Group 3:		
Category A	824	1,318
Category B	1,175	1,880

*One-time license charge.
NA—Not applicable. ∎