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attached to an 8100/DPPX or DPCX system, the Host Command Facility gives the operator at a central System/370 site the capability to operate and control remote SDLC-connected 8100 systems. Nearly all maintenance, service, and control functions become available at the central System/370 site for problem determination, problem isolation, and remote system control. The System/370 must be running under MVS VTAM/TCAM, VS1 VTAM/TCAM, or DOS/VS VTAM.

PRICING

POLICY: IBM offers the 8100 Information System for purchase, monthly rental, or on a two-year lease. Rental and lease arrangements include prime-shift maintenance. Purchased components may have a separate maintenance contract.

All 8100 system components listed in the accompanying price table are in maintenance category A, except the 8809 tape drives and the 3289-3 printer, which are in category D. These categories determine the schedule of extended maintenance charges. The two schedules differ for extended Monday-through-Friday maintenance. Prime-shift maintenance is provided for any consecutive nine-hour period between 7 a.m. and 6 p.m., Monday through Friday. The premium for extended maintenance is expressed in the table below as a percentage of the prime-shift maintenance charges, which are shown in the accompanying price list.

Consecutive Hours

	9*	12	16	20	24
Monday-Friday—					
Category A	10%	14%	18%	22%	26%
Category D	10	12	14	16	18
Saturday	4	5	7	8	9
Sunday	5	7	9	11	12

*For periods outside the basic 7 a.m. to 6 p.m. prime shift.

For users without a maintenance contract, the 8100 is maintained under per-call class 1. Under this class the per-call charge during regular hours is $67.00 per hour, and during off

hours the charge is $78.00 per hour. The hourly rate for systems engineering service is $72.00. Programming service/programming assistance costs $97 per hour during regular hours and $112 per hour outside regular hours.

The current Agreement for Lease or Rental of IBM Machines provides users with a single contract on which they can specify mixtures of rental and leased equipment, each with various terms. CPU's rented under the plan can be terminated or downgraded on 90 days' notice, and all other rented equipment can be terminated or downgraded on 30 days' notice. Base terms and extension terms are specified for each piece of equipment through a leasing agreement.

The termination charge for the two-year lease arrangement is the lower of 5 months' charges or 25 percent of the remaining value of the lease. The lease arrangement also guarantees a maximum rate of increases for extended leasing periods; the rate for all 8100 components is five percent per year beginning in the second year.

All 8100 components qualify for unlimited usage. Purchase credits can be accrued up to a maximum of 55 percent. All components except the 8809 tape drives and 3289-3 printer are classified as Customer Set-Up, which permits (or requires) users to install the components themselves.

EQUIPMENT: The following are representative 8100 Information System configurations.

SIX-TERMINAL 8100 SYSTEM: Includes an 8130 processor with 384K bytes of memory, 58 million bytes of disk storage, three 3287 printers, six 3277 display terminals, and one 8101 Storage and I/O Unit with display/printer attachment. The purchase price is $65,125. The same system can be leased for $1,917 per month under a two-year lease agreement or rented for $2,249 per month.

EIGHTEEN-TERMINAL 8100 SYSTEM: Includes an 8140 processor with 512K bytes of memory, 58 million bytes of disk storage, one 8809 magnetic tape drive, five 3287 printers, 18 8775 display terminals, and a communications loop. The purchase price is $150,915. The same system can be leased for $4,223 per month on a two-year lease or rented for $4,956 per month. ■

EQUIPMENT PRICES

		Purchase Price	Monthly Maint.	Monthly Rental*	2-Year Lease*
PROCESSORS AND MAIN MEMORY					
8130	Basic processor; includes 256K bytes of main memory, up to 1-megabyte removable diskette storage, one disk module, disk storage as indicated, instruction set, up to eight I/O hardware interrupt levels, provisions for up to two communications ports:				
A21	29 megabytes disk storage	$26,460	$140.00	$ 791	$ 674
A22	23 megabytes disk storage, 131K fixed-head capacity	27,240	149.00	815	694
A23	64 megabytes disk storage	28,020	149.00	838	714
A24	58 megabytes disk storage, 131K fixed-head capacity	28,800	158.00	862	734
8140	Basic processor; includes main memory as indicated, 4K bytes non-programmable ROM, up to 64 megabytes disk storage with movable heads or up to 58 megabytes disk storage with removable and fixed heads, instruction set, eight I/O interrupt levels:				
A31	256K bytes of main memory, 29 megabytes disk storage	36,440	190.00	1,263	1,075
A32	256K bytes of main memory, 23 megabytes disk storage, 131K fixed-head capacity	37,220	200.00	1,287	1,095
A33	256K bytes of main memory, 64 megabytes disk storage	38,000	200.00	1,310	1,115
A34	256K bytes of main memory, 58 megabytes disk storage, 131K fixed-head capacity	38,780	208.00	1,334	1,135
A41	320K bytes of main memory, 29 megabytes disk storage, floating-point arithmetic	44,380	233.00	1,580	1,345
A42	320K bytes of main memory, 23 megabytes disk storage, 131K fixed-head capacity, floating-point arithmetic	45,160	243.00	1,603	1,365
A43	320K bytes of main memory, 64 megabytes disk storage, floating-point arithmetic	45,940	243.00	1,627	1,385
A44	320K bytes of main memory, 58 megabytes disk storage, 131K fixed-head capacity, floating-point arithmetic	46,720	251.00	1,650	1,405

*Includes maintenance.

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EQUIPMENT PRICES

		Purchase Price	Monthly Maint.	Monthly Rental*	2-Year Lease*
PROCESSORS AND MAIN MEMORY (Continued)					
A51	512K bytes of main memory, 29 megabytes disk storage	50,200	256.00	1,944	1,655
A52	512K bytes of main memory, 23 megabytes disk storage, 131K fixed-head capacity	50,980	266.00	1,967	1,675
A53	512K bytes of main memory, 64 megabytes disk storage	51,760	266.00	1,991	1,695
A54	512K bytes of main memory, 58 megabytes disk storage, 131K fixed-head capacity	52,540	274.00	2,014	1,715
A61	Processor with 768K bytes of memory and 29 megabytes of nonremovable disk	60,750	189.00	2,062	1,755
A62	Processor with 768K bytes of memory, 23 megabytes of nonremovable disk, and 131K bytes of fixed	61,530	198.00	2,086	1,775
A63	Processor with 768K bytes of memory and 64 megabytes of nonremovable disk	62,310	198.00	2,109	1,795
A64	Processor with 768K bytes of memory, 58 megabytes of nonremovable disk, and 131K bytes of fixed head disk	63,090	207.00	2,133	1,815
A71	Processor with 1024K bytes of memory and 29 megabytes of nonremovable disk	67,080	201.00	2,267	1,930
A72	Processor with 1024K bytes of memory, 23 megabytes of nonremovable fixed disk, and 131K bytes of fixed head disk	67,860	209.00	2,290	1,950
A73	Processor with 1024K bytes of memory and 64 megabytes of nonremovable fixed disk	68,640	209.00	2,314	1,970
A74	Processor with 1024K bytes of memory, 58 megabytes of nonremovable fixed disk, and 131K bytes of fixed head disk	69,420	217.00	2,337	1,990
B51	Processor with 512K bytes of memory and 58 megabytes of nonremovable fixed disk, and 131K bytes of fixed head disk	56,890	228.00	1,944	1,655
B52	Processor with 512K bytes of memory and 123 megabytes of nonremovable fixed disk, and 131K bytes of fixed head disk	67,780	278.00	2,297	1,955
B61	Processor with 768K bytes of memory and 58 megabytes of nonremovable fixed disk, and 131K bytes of fixed head disk	63,220	238.00	2,150	1,830
B62	Processor with 768K bytes of memory and 123 megabytes of nonremovable fixed disk, and 131K bytes of fixed head disk	74,110	290.00	2,502	2,130
B71	Processor with 1024K bytes of memory, 58 megabytes of nonremovable fixed disk, and 131K bytes of fixed head disk	69,550	250.00	2,355	2,005
B72	Processor with 1024K bytes of memory, 123 megabytes of nonremovable fixed disk, and 131K bytes of fixed head disk	80,440	300.00	2,708	2,305
1710	128K bytes additional storage for 8130 processor; maximum one per person (cannot be used if 1720 storage is used)	2,475	8.00	90	77
1720	256K bytes additional storage for 8130 processor; maximum three per processor (cannot be used if 1710 storage is used)	4,950	16.50	183	156
1490	128K-byte storage increment for 8140 processor, models A31 through A34; maximum one per processor	6,540	33.00	324	276
8101	Storage and Input/Output Unit; provides additional disk storage and device attachment capability for 8130/40 processors; maximum two per 8130 processor, four per 8140 processor:				
A10	Device attachment capability	7,150	18.50	220	188
A11	Provides 29 megabytes disk storage with movable heads	16,480	61.00	525	448
A13	Provides 64 megabytes disk storage with movable heads	18,040	70.00	573	488
A20	Device attachment capability	6,170	13.50	193	165
A23	Provides 64 megabytes disk storage with movable heads	18,040	70.00	573	488
A25	Provides 129 megabytes disk storage with movable heads	28,930	121.00	925	788

PROCESSOR OPTIONS AND FEATURES

Features for 8130 Processors:

		Purchase Price	Monthly Maint.	Monthly Rental*	2-Year Lease*
1520	Feature Expansion, Type I; allows four additional communications ports to be attached to 8130 processor for a maximum of six ports; required for attachment of two lobe loops or communications features requiring 5200 multi-speed clock; maximum one per processor	425	0.50	14	12
1530	System Expansion; provides additional interrupt levels; required for attachment of up to two 8101 Storage and Input/Output Units or one 8101 and one 8809 Magnetic Tape Unit, Model 1B, to processor; maximum one per processor	2,645	12.00	78	66
5500	Non-Switched Intergated Modem, 600/1200 bps; requires 1601 SDLC Communications Adapter with Clock or 1603 BSC/SS Communications with Clock	736	5.50	20	17

Features for 8140 B Model Processors:

		Purchase Price	Monthly Maint.	Monthly Rental*	2-Year Lease*
1701	Communications Adapter	440	0.50	13	11
3220	Display and Printer Attachment	2,975	18.00	98	83
3750	Floating Point Feature	4,490	25.50	150	128
3901	Feature Expansion Prerequisite; required for 1701	540	4.00	14	12
4901	Magnetic Tape Attachment	2,425	11.50	79	67

Features for 8130 and 8140 Processors Via The 8101 Storage and I/O Unit:

		Purchase Price	Monthly Maint.	Monthly Rental*	2-Year Lease*
1501	Display and Printer Attachment, Type I; provides attachment of 3277 display, 3287 printer, and 3284, 3286, or 3288 printers (8101 A11 and A13 units only); requires 1505/06 adapters	992	4.00	29	25
1502	Display and Printer Attachment, Type II; same as 1501 but requires 1503	441	0.50	13	11
1503	Communications Attachment, Type I; provides attachment of loops and communication ports (8101 A11 and A13 units only)	992	4.00	29	25

*Includes maintenance.

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EQUIPMENT PRICES

		Purchase Price	Monthly Maint.	Monthly Rental*	2-Year Lease*
PROCESSOR OPTIONS AND FEATURES (Continued)					
1504	Communications Attachment, Type II; same as 1503; requires 1503	441	0.50	13	11
1505	Display and Printer Adapter	2,535	16.50	83	71
1506	Additional Display and Printer Adapter	463	3.00	13	11
1507	Diskette Drive/Tape Attachment	987	4.00	28	24
INPUT/OUTPUT UNITS AND FEATURES					
4520	Second Diskette Drive for 8101 Storage and Input/Output Unit; 1 megabyte	3,170	30.00	105	89
4521	Magnetic Tape Attachment for 8101 Storage and Input/Output Unit	1,980	9.50	65	55
1507	Diskette Drive and Magnetic Tape Attachment for Model A10; required for attachment of one 4520 diskette drive and one 4521 magnetic tape attachment to 8101 Storage and Input/Output Unit, Model A10	987	4.00	28	24
8010	Card Control Feature	963	1.50	32	26
8050	Card Reader Attachment for 3501 card reader	485	0.50	13	11
8149	Card Reader Attachment for 3782/2502	705	4.00	20	17
8150	Card Punch Attachment for 3782/3521	705	3.50	20	17
3262-2/3	Band Printer; 650 lpm with 48-character set	15,430	157.00	459	391
3262-12/13	Band Printer; 325 lpm with 48-character set	11,020	115.00	322	274
3284-1	Matrix Printer; 40 cps; 480-char. buffer	2,535	56.50	163	139
3284-2	Matrix Printer; 40 cps; 1920-char. buffer	2,845	56.50	175	149
3286-1	Matrix Printer; 66 cps; 480-char. buffer	3,385	68.00	197	168
3286-2	Matrix Printer; 66 cps; 1920-char. buffer	3,755	68.00	209	178
3287-1	Table-top Printer; 80 cps	5,960	49.00	195	166
3287-1C	Color Printer; 80 cps	6,430	55.50	241	205
3287-2	Table-top Printer; 120 cps	6,355	60.50	237	202
3287-2C	Color Printer; 120 cps	6,825	67.00	283	241
3287-11	Printer; 80 cps	6,165	54.00	227	193
3287-12	Printer; 120 cps	6,560	65.50	269	229
1120	APL Text Capability for 3287	183	0.50	6	5
3610	Extended Character Set Adapter	477	4.00	15	13
3880	Extended Print Buffer	220	0.50	7	6
4110	Friction Feed Paper Handling Feature	168	0.50	6	5
5781	Programmed Symbols PS-2	918	5.50	32	27
5782	Programmed Symbols PS-4	735	3.50	26	22
5783	Programmed Symbols PS-4A	1,650	15.00	58	49
8700	Variable width forms tractor	168	0.50	6	5
3288-2	Line Printer; 120 lpm	6,325	105.00	452	385
3289-1	Line Printer, 155 lpm	9,810	121.00	431	367
3289-2	Line Printer; 400 lpm	14,600	205.00	653	556
3289-3	Line Printer; 500 lpm	14,600	205.00	653	556
1090	Audible Alarm for 3289-1 or 3289-2 line printer	192	—	6	5
1130	Text Print Feature for 3289-1 or 3289-2 line printer	231	—	7	6
8809	Magnetic Tape Units:				
	1A First drive that attaches to 8101 Storage and I/O Unit	11,500	55.00	382	325
	1B First drive that attaches directly to 8130/40 processor	14,080	72.50	466	397
	2 Second or fourth drive that attaches to 1A/1B or 3, respectively	10,210	49.50	340	289
	3 Third drive that attaches to Model 2	11,500	55.00	382	325
4920	8100 System Multi-Drive Feature; required for 8809, Model 1B, if Model 2 or 3 is attached	396	1.00	12	10
3101-100	Model 10 Display Terminal; character transmission; RS-232C interface	1,295	70.00	—	—
3101-110	Model 10 Display Terminal with modem cable; character transmission; RS-232C interface	1,360	70.00	—	—
3101-120	Model 12 Display Terminal; character transmission; RS-232C/20 ma current loop interface	1,320	70.00	—	—
3101-130	Model 13 Display Terminals; character transmission; RS-232C/RS-422A interface	1,320	70.00	—	—
3101-200	Model 20 Display Terminal; switch selectable character and block transmission; RS-232C interface	1,495	80.00	—	—
3101-210	Model 20 Display Terminal with modem cable; switch selectable character and block transmission; RS-232C interface	1,560	80.00	—	—
3101-220	Model 22 Display Terminal; switch selectable character and block transmission; RS-232C/20 ma current loop interface	1,520	80.00	—	—
3101-230	Model 23 Display Terminal; switch selectable character and block transmission; RS-232C/RS-422A interface	1,520	80.00	—	—
3102	Thermal Printer; for attachment to 3101	1,295	130.00	—	—
3274-51C	Control Unit	6,450	57.50	188	160
3276-11	Display Station/Control Unit; 960-character display	6,390	33.00	195	166
3276-12	Display Station/Control Unit; 1920-character display	6,570	33.50	201	171

*Includes maintenance.

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EQUIPMENT PRICES

		Purchase Price	Monthly Maint.	Monthly Rental*	2-Year Lease*
INPUT/OUTPUT UNITS AND FEATURES (Continued)					
3276-13	Display Station/Control Unit; 2560-character display	6,750	34.50	204	174
3276-14	Display Station/Control Unit; 3440-character display	6,930	35.00	212	180
3277-1	Display Terminal; 480-character display	1,470	10.00	82	70
3277-2	Display Terminal; 1920-character display	1,905	21.00	120	102
3278-1	Display Terminal; 960-character display	2,205	13.00	66	56
3278-2	Display Terminal; 1920-character display	2,340	13.50	69	59
3279-2A	Display Terminal; Four Color, 1920-character Display	3,805	25.50	115	98
3279-2B	Display Terminal; Seven Color, 1920-character Display	4,210	28.00	126	107
3279-3A	Display Terminal; Four Color; 2560-character Display	4,175	26.50	126	107
3279-3B	Display Terminal; Seven Color, 2560-character Display	4,580	29.00	137	116
1720	Switch Control Unit	180	—	5	4
4621	75-Key EBCDIC Typewriter Keyboard	495	2.50	13	11
4622	75-Key EBCDIC Data Entry Keyboard	495	3.50	13	11
4623	75-Key EBCDIC keypunch keyboard	495	3.50	13	11
4624	75-Key ASCII Typewriter Keyboard	495	2.50	13	11
4626	87-key EBCDIC Typewriter/APL keyboard	675	3.50	18	15
4627	87-key EBCDIC Typewriter keyboard	675	3.00	18	15
4628	87-key ASCII Typewriter keyboard	675	3.00	18	15
4629	87-key EBCDIC Typewriter/Text keyboard	675	3.50	18	15
4640	87-key EBCDIC Typewriter Overlay Keyboard	675	3.50	18	15
4651	87-key EBCDIC Attribute Select Typewriter keyboard	675	3.50	18	15
4652	87-key EBCDIC Attribute Select Typewriter/APL keyboard	675	3.50	18	15
4690	Keyboard Numeric Lock	NC	NC	NC	NC
4999	Magnetic Reader Control	405	4.50	11	9
5781	Programmed Symbols DS-2	540	1.50	14	12
5782	Programmed Symbols PS-4	900	4.00	25	20.
6340	Security Keylock	35	NC	35***	—
6350	Selector Light Pen for Models 3A or 3B	585	0.50	15	13
6350	Selector Light Pen for Models 2A or 2B	585	0.50	15	13
8775-1	Display Terminal; up to 2560 characters in 9 x 16 matrix	2.975	21.00	82	70
8775-2	Display Terminal; up to 2560 characters in 9 x 16 matrix or 3440 characters in 9 x 12 matrix	3,350	21.00	92	78
1090	Audible Alarm	94	NC	2	2
3622	Feature Storage	756	3.00	20	17
3624	Enhanced Function; requires 3622 feature storage and 3905 feature adapter	NC	NC	NC	NC
3905	Feature Adapter; requires 3622 feature storage and 3624 enhanced function	425	1.50	11	9
4621	75-Key Typewriter Keyboard	519	2.50	13	11
4622	75-Key Data Entry Keyboard	519	3.50	13	11
4623	75-Key Data Entry Keyboard with keypunch layout	519	3.50	13	11
4626	87-Key Typewriter; APL	708	3.00	19	16
4627	87-Key Typewriter	708	3.00	19	16
4850	Loop Adapter	330	1.50	8	7
4999	Magnetic Reader Control	425	2.00	11	9
6350	Selector Light Pen	614	0.50	15	13
3640 PLANT COMMUNICATION DEVICES					
3641-1	Reporting Terminal	3,100	13.50	—	101**
3641-2	Reporting Terminal	3,705	15.00	—	119**
3642-1	Encoder Printer	6,060	31.50	—	214**
3642-2	Encoder Printer	7,165	38.00	—	253**
3643-2	Keyboard Display	2,575	27.00	—	110**
3643-3	Keyboard Display	3,570	33.50	—	148**
3643-4	Keyboard Display	3,765	35.50	—	154**
3644	Automatic Data Unit	5,500	34.00	—	194**
4905	Manual I/O	1,550	6.50	—	50**
3645	Receive-Only Printer	4,935	44.00	—	214**
3646	Scanner Control Unit	2,680	11.00	—	86**
6351	Magnetic Reader Attachment	661	2.50	—	20**
3631	Plant Communication Controller:				
1A	250K-byte diskette	27,610	224.00	1,114	948
1B	500K-byte diskette	29,710	247.00	1,110	1,010
3632	Plant Communication Controller:				
1A	5-megabyte disk	46,830	273.00	1,716	1,460
1B	9.2-megabyte disk	49,980	281.00	1,815	1,545

*Includes maintenance.
**5-year lease.
***One-time charge.

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EQUIPMENT PRICES

		Purchase Price	Monthly Maint.	Monthly Rental*	2-Year Lease*
3640 PLANT COMMUNICATION DEVICES (Continued)					
1006	Additional Storage Feature	1,225	10.00	63	54
3211	Data Link Adapter	1,260	10.50	38	32
3701	EIA/CCITT Host	445	4.00	12	10
3703	EIA/CCITT Data Link	445	4.00	12	10
4780	Loop Adapter	987	17.50	33	28
4502	SDLC Communications Feature without clocking; to 9600 bps	1,200	10.50	36	32
6301	Host Communications Feature with clocking	745	3.00	20	17
6302	Host Communications Feature without clocking	500	2.50	12	10
1010/11	Additional Disk Heads for 3632 Plant Communications Controller	1,130	17.00	34	29
COMMUNICATIONS					
4850	Loop Adapter	945	3.50	25	21
3842	Loop Control Unit	6,310	44.50	—	215**
3843	Loop Control Unit	4,910	28.00	153	136
1051	Alternate Voice	500	2	—	15**
5101	Multipoint Tributary	467	4	—	17**
6101	Point-to-Point	233	2	—	9**
7951	Switched Network Back-Up Manual Answer	551	7	—	24**
1550	CCITT V.35 Interface; up to 9600 bps	561	2.00	15	13
1601	SDLC Communications Adapter with Clock	992	8.50	45	38
1602	SDLC Communications Adapter without Clock	926	8.00	36	31
1603	BSC/SS Communications Adapter with Clock	738	3.00	20	17
1604	BSC Communications Adapter without Clock	495	2.50	12	10
3701	EIA RS-232C Interface	441	4.00	12	10
4545	Expanded Function Operator Panel (8140 processor only)	2,645	33.50	90	77
4830	Loop Adapter	666	4.00	21	18
4835	Loop Adapter, Second Lobe	666	4.00	21	18
5200	Multi-Speed Clock	463	1.50	13	11
5501	Switched Integrated Modem	926	7.00	27	23
5660	Digital Data Service Adapter (DDSA)	926	2.00	26	22

*Includes maintenance.
**5-year lease.
***One-time charge.

SOFTWARE PRICES

		Monthly License Fee
5761-DS1	Distributed Processing Control Executive (DPCX)	$236
	Distributed Processing Programming Executive (DPPX):	
5760-010	DPPX/Base	165
5760-AS1	DPPX/ASSM	44
5760-CB1	DPPX/COBOL Compiler	88
5760-LB1	DPPX/COBOL Run-Time Library	16
5760-FO1	DPPX/FORTRAN Compiler	66
5760-LM1	DPPX/FORTRAN Library	33
5760-XR1/01	DPPX/DPS Interactive Map Definition	65
5760-XR1/02	DPPX/DPS Format Management	27
5760-TD1	DPPX/DTMS (Data Base and Transaction Management System)	99
5760-RC1	DPPX/DSC (Data Stream Compatibility)	16
5760-XC1	DPPX/RJE	22
5760-SM1	DPPX/Sort/Merge	22
5760-XC2	DMS/DPPX	93
5760-ED1	DPPX/GEN3644	16
5748-XXG	Distributed Systems Executive (DSX)	192
5735-XR1	Host Command Facility for 8100/DPCX systems	93
5760-XR5/01	DPPX/PT Monitor	38
5760-XR5/02	DPPX/PT Reporter Feature	44