Honeywell Series 60, Levels 66 and 68

▶ Miscellaneous Application Programs

Individualized Mathematics Instruction/66 (IMS/66)
SCRIBE/66 Scheduling System
HCSS/66 (Hospital Computer Sharing System)
ROLIN (Rapid On-Line Information Network

Education Support

Large Systems Marketing Education Support

PRICING

EQUIPMENT: The following systems are representative of the wide range of practical Series 60 configurations.

TYPICAL MODEL 66/20 SYSTEM: Consists of a CPS6210 central processor, 131K words of main memory, a CSU6004 operator's console, integrated input/output multiplexer with 18 channel function slots, integrated system controller, an MSP0603 single-channel mass storage processor, two MSU0451 disk drives (400 million bytes), an MTP0601 magnetic tape processor, four MTU0410 magnetic tape units, a URP0600 unit record processor, a PRU1200 printer (1200 lpm) with a 63-character print belt, a PCU0121 card punch (100 cpm), and a CRU1050 card reader (1050 cpm). Purchase price is approximately $1,028,097.

TYPICAL MODEL 66/60 SYSTEM: Consists of a CPS6620 central processor with 262,144 words of MOS main memory, system control center, free-standing input/output multiplexer with 35 channel function slots, CSU6004 operator's console, an MSP0601 free-standing mass storage processor, four dual-channel MSU0451 disk drives (800 million bytes), an MTP0601 magnetic tape processor, six MTU0500 magnetic tape drives, a free-standing URP0600 unit record processor, two PRU-1600 printers (1600 lpm) with 63-character print belts, a CRU1050 card reader (1050 cpm), and a PCU0121 card punch (100-400 cpm). Purchase price is approximately $1,343,923.

SINGLE-PROCESSOR MODEL 68/80 SYSTEM: Consists of a CPS8824 central processor with 262,144 words of main memory, free-standing system control, free-standing input/output multiplexer with 35 channel function slots, a CSU6001 operator's console, an MSP0601 mass storage processor, eight MSU0451 disk drives (1600 million bytes), an MTP0601 magnetic tape processor, three MTU0500 magnetic tape units, a URP0600 unit record processor, two PRU1600 printers (1600 lpm) with 96-character print belts, a CRU1050 card reader (1050 cpm), a PCU0121 card punch (100-400 cpm), and a motor generator. Purchase price is approximately $4,378,945.

SUPPORT: Honeywell offers six categories of support products for the Level 66 and 68 systems. These products include data services, system engineering, software, education, publications, and supplies.

Data services consists of machine time for predelivery production and checkout, and for overload/peakload situations. Processor time on a 66/40 or 66/60 with 256K of memory is priced at $93.00 per hour. Charges for on-line peripherals vary from $2.70 to $18.50 per hour; for off-line peripherals, $9.25 to $24.70 per hour.

System engineering falls into one of eight billable support categories, as described in the following table. Field engineering managers are responsible for the degree of skill required to perform the job; these skill levels may be basic, general, or complex.

Hourly Rates (3 hr. min.)

	Basic	General	Complex
Principal or senior technical consultant	$66	$76	$82
Project supervisor or technical consultant	51	58	64
Technical specialist	45	52	58
Systems analyst/senior programmer	39	44	52
Programmer	29	32	39
Computer operator	18	22	22
Administrative aide	16	18	18
Clerical	14	14	14

Monthly charges are 137 to 140 times the hourly rates. These rates do not include supplies.

The basic operating system, basic job management and file systems, programming tools such as linking and debugging aids, the job control language, and conversion aids are provided to all Level 66 and Level 68 users at no additional cost. A basic kit of documentation is also provided with the system. Monthly license fees are charged for language processors, utilities, application packages, communications software, and advanced job management and file systems.

Education services include standard courses, advanced progressional training, and self-instruction. Prices vary from $65 to $1,150 for all services except self-instruction. All self-instruction material except the self-instruction laboratory program can be purchased, while some can be rented. Fees for purchase of this material vary from $12.95 to $1,495. Rental prices, when available, vary from $30 to $100. Self-instruction laboratory program ccourses are available at $40 to $165 per student.

CONTRACT TERMS: Level 66 and Level 68 equipment is available for purchase or for rental under a 1-year, 3-year, or 5-year lease. The 1-year and 3-year basic monthly rentals entitle the user to 176 hours of central processor usage per month with on-call remedial maintenance between the hours of 8 a.m. and 6 p.m. on Mondays through Fridays. For scheduled usage beyond this period, with on-call maintenance service, the user pays an additional charge which is a fixed percentage of the monthly maintenance charge. Alternatively, the user can obtain on-call maintenance service at standard hourly rates of $45 per man-hour. Unlimited use is permitted for all peripheral devices and for central processors on a 5-year lease.

The Technical Systems Development Center located in Phoenix, Arizona provides users with remote testing and diagnostic capabilities. Honeywell field engineering also provides these specialized services: the Alert system, which insures FE management of automatic notification of user problems requiring special attention; response centers, a nationwide network of computer centers operating 24 hours per day and maintaining users' systems maintenance and performance standards; a systems optimization and monitoring program, offering users tools for measuring and evaluating system performance; a network analysis program, for identifying and solving a user's communications network problems; error log analysis; automatic software updating; remote software trouble-shooting, and installation assistance.■

Honeywell Series 60, Levels 66 and 68

EQUIPMENT PRICES

		Purchase Price	Monthly Maint.	Rental (1-year lease)*	Rental (5-year lease)*

MODEL 66/40 PROCESSORS (Continued)

		Purchase Price	Monthly Maint.	Rental (1-year lease)*	Rental (5-year lease)*
CPS6420	Central Processing System; includes CPU, free-standing system controller, free-standing input/output multiplexer with 35 channel function slots, CPU addressing, IOM addressing, memory addressing, and 131,072 words of memory	1,203,584	2,980	28,750	25,875
CPU6401	Additional central processor for CPS6410/CPS6420; maximum of one	692,626	1,430	15,217	14,454
CPS6402**	Central Processing System; includes CPU, integrated system controller, integrated input/output multiplexer with 18 channel function slots, CPU addressing, IOM addressing, memory addressing, and 131,072 words of memory	1,220,975	2,557	26,179	24,870
CPS6403**	Central Processing System; includes CPU, integrated system controller, integrated input/output multiplexer with 18 channel function slots, CPU addressing, IOM addressing, memory addressing, and 196,608 words of memory	1,326,335	2,732	28,390	26,967
CPS6404**	Central Processing System; includes CPU, integrated system controller, integrated input/output multiplexer with 18 channel function slots, CPU addressing, IOM addressing, memory addressing, and 262,144 words of memory	1,431,695	2,906	30,600	29,064
CPS6406**	Central Processing System; includes CPU, one integrated system controller and one free-standing system controller, integrated input/output multiplexer with 18 channel function slots, CPU addressing, IOM addressing, memory addressing, and 393,216 words of memory	1,704,745	3,373	36,370	34,542
CPS6408**	Central Processing System; includes CPU, one integrated system controller and one free-standing system controller, integrated input/output multiplexer with 18 channel function slots, CPU addressing, IOM addressing, memory addressing, and 524,288 words of memory	1,905,465	3,720	40,791	38,735
CPU6400**	Additional central processor for CPS6403 or CPS6408; maximum of one	668,866	1,419	14,639	13,908

MODEL 66/60 PROCESSORS

		Purchase Price	Monthly Maint.	Rental (1-year lease)*	Rental (5-year lease)*
CPS6610	Central Processing System; includes CPU, integrated system controller, integrated input/output multiplexer with 18 channel function slots, CPU addressing, IOM addressing, memory addressing, and 196,608 words of memory	1,646,301	3,231	37,106	33,395
CPS6620	Central Processing System; includes CPU, free-standing system controller, free-standing input/output multiplexer with 35 channel function slots, CPU addressing, IOM addressing, memory addressing, and 196,608 words of memory	1,713,246	3,351	38,556	34,700
CPU6601	Additional central processor for CPS6610/CPS6620; maximum of one with integrated CPS, seven with free-standing CPS	876,716	1,562	19,246	18,280
CPS6603**	Central Processing System; includes CPU, integrated system controller, integrated input/output multiplexer with 18 channel function slots, CPU addressing, IOM addressing, memory addressing, and 196,608 words of memory	1,627,235	2,929	35,249	33,486
CPS6604**	Central Processing System; includes CPU, integrated system controller, integrated input/output multiplexer with 18 channel function slots, CPU addressing, IOM addressing, memory addressing, and 262,144 words of memory	1,706,645	2,995	36,969	35,120
CPS6606**	Central Processing System; includes CPU, one integrated system controller and one free-standing system controller, integrated input/output multiplexer with 18 channel function slots, CPU addressing, IOM addressing, memory addressing, and 393,216 words of memory	1,927,795	3,251	41,757	39,670
CPS6608**	Central Processing System; includes CPU, one integrated system controller and one free-standing system controller, integrated input/output multiplexer with 18 channel function slots, CPU addressing, memory addressing, and 524,288 words of memory	2,086,615	3,384	45,197	42,937
CPS6623**	Central Processing System; includes CPU, free-standing system controller, free-standing input/output multiplexer with 35 channel function slots, CPU addressing, IOM addressing, memory addressing, and 196,608 words of memory	1,694,180	3,051	36,700	34,865
CPS6624**	Central Processing System, includes CPU, free-standing system controller, free-standing input/output multiplexer with 35 channel function slots, CPU addressing, IOM addressing, memory addressing, and 262,144 words of memory	1,773,590	3,117	38,419	36,498
CPS6626**	Central Processing System; includes CPU, two free-standing system controllers, free-standing input/output multiplexer with 35 channel function slots, CPU addressing, IOM addressing, memory addressing, and 393,216 words of memory	1,994,740	3,373	43,208	41,048
CPS6628**	Central Processing System, includes CPU, two free-standing system controllers, free-standing input/output multiplexer with 35 channel function slots, CPU addressing, memory addressing, and 524,288 words of memory	2,153,560	3,505	46,648	44,315
CPS6632**	Central Processing System; includes CPU, three free-standing system controllers, free-standing input/output multiplexer with 35 channel function slots, CPU addressing, IOM addressing, memory addressing, and 786,432 words of memory	2,448,650	3,893	53,451	50,883
CPS6636**	Central Processing System; includes CPU, four free-standing system controllers, free-standing input/output multiplexer with 35 channel function slots, CPU addressing, IOM addressing, memory addressing, and 1,048,576 words of memory	2,743,740	4,279	60,255	57,449
CPU6600**	Additional central processor for CPS6603 or CPS6636 except CPS6610/CPS6620; maximum of one with integrated CPS, seven with free-standing CPS	852,956	1,552	18,668	17,734

MODEL 66/80 PROCESSORS

		Purchase Price	Monthly Maint.	Rental (1-year lease)*	Rental (5-year lease)*
CPS6821	Central Processing System; includes CPU, free-standing system controller, free-standing input/output multiplexer with 35 channel function slots, CPU addressing, IOM addressing, memory addressing, and 196,608 words of memory	2,249,913	5,029	49,882	44,894
CPU6801	Additional central processor for CPS6810/CPS6820; maximum of one with integrated CPS, seven with free-standing CPS	1,352,333	2,985	29,546	28,119
CPU6802	Additional central processor for CPS6810/CPS6821	1,352,333	2,985	29,546	28,119
CPS6812**	Central Processing System; includes CPU, integrated system controller integrated input/output multiplexer with 27 channel function slots, CPU addressing, IOM addressing, memory addressing, and 196,608 words of memory	2,156,430	4,841	46,712	44,376
CPS6814**	Central Processing System; includes CPU, integrated system controller, integrated input/output multiplexer with 27 channel function slots, CPU addressing, IOM addressing, memory addressing, and 262,144 words of memory	2,235,840	4,907	48,427	46,010
CPS6816**	Central Processing System; includes CPU, integrated system controller, integrated input/output multiplexer with 27 channel function slots, CPU addressing, IOM addressing, memory addressing, and 393,216 words of memory	2,456,990	5,163	53,221	50,560
CPS6818**	Central Processing System; includes CPU, integrated system controller, integrated input/output multiplexer with 27 channel function slots, CPU addressing, IOM addressing, memory addressing, and 524,288 words of memory	2,615,810	5,309	56,555	53,827

*Rental prices include maintenance.
**Available as replacement systems only.

Honeywell Series 60, Levels 66 and 68

EQUIPMENT PRICES

	Purchase Price	Monthly Maint.	Rental (1-year lease)*	Rental (5-year lease)*
MODEL 68/80 PROCESSORS & OPTIONS (Continued)				
LEVEL 68/DPS SYSTEM				
CPS8802 — Level 68/DPS Central System basic performance level; includes two central processor, free-standing control unit, free-standing IOM with 35 channel function slots, central processor and IOM addressing, 256K words of main memory, IMP, console device, direct interface adapter, and IOM channel	1,259,000	4,124	35,440	31,900
CPK8004 — Level 68/DPS performance addition; basic level 1 to level 2	512,000	1,914	10,750	9,670
CPK8008 — Level 68/DPS performance addition; level 2 to level 3	573,000	1,167	13,000	11,700
CPK8012 — Level 68/DPS performance addition; level 3 to level 4	555,000	572	10,085	9,075
CPK8016 — Additional Performance Module for level 4	474,000	572	8,630	7,765
CPK8017 — Additional Performance Module for level 4; requires CPK8016	474,000	572	8,630	7,765
CENTRAL PROCESSOR OPTIONS				
CPA6001 — Central processor addressing; required when an additional CPU is added to system (one for each system controller in system); at least one is required when adding a free-standing system controller to a system for redundancy; for Level 66 processors	17,015	31	357	321
CPA6002 — For Level 68 processor	17,015	31	357	340
CPF6001 — Series 200/2000 Compatibility Mode on Level 66 (CM66)	75,000	167	1,395	1,105
CPF6100 — Power Pack Option; for old to new Model 66/10's	146,821	595	3,502	3,151
CPF6200 — Power Pack Option; for old to new Model 66/20's	159,348	601	3,458	3,112
CPF6400 — Power Pack Option; for old to new Model 66/40's	176,884	728	4,248	3,824
CPF6600 — Power Pack Option; for old to new Model 66/60's	250,000	965	5,634	5,070
CPF6650 — Basic BCD Option; for Level 66/DPS (CPS6650)	120,000	514	4,450	3,450
CPF6651 — BCD Option for Level 66/DPS Companion Processor (CPK6666)	67,500	294	2,450	1,950
MXA6001 — Input/output multiplexer addressing; required when MXU6001 is used (one for each System Controller in system); also required when MXC6001 is used	17,015	31	357	321
MXC6001 — Free-standing system controller for fail-soft; memory not included; controls up to 262,144 words of memory; at least one CPF6001 and MXF6001 required	22,075	50	596	537
MXC6004 — Free-standing system controller; memory not included; controls up to 1,048,576 words of memory; includes all CPU and IOM port addressing; for Level 66/DPS and Level 68/DPS	50,250	100	1,328	1,196
MXF6002 — IOM data rate expansion; maximum of 1 on integrated and 2 for free-standing input/output multiplexers	23,720	41	516	459
MXF6004 — IOM expansion; 9 channel function slots (for use with CPS6403-CPS6408 and with CPS6604-CPS6608 only); maximum of one	33,975	60	715	679
MXF6005 — IOM expansion; 19 additional channel function slots (for use with free-standing IOM; maximum of 1)	53,855	94	1,133	1,077
MXU6001 — Free-standing input/output multiplexer with 35 channel function slots; for use when redundancy and/or additional channels are required (does not include channels)	175,055	295	3,681	3,314
MXU6002 — Additional free-standing IOM for Level 66/DPS and Level/68 DPS	175,055	295	3,681	3,314
CSU6004 — System Console; includes IOM channel and keyboard/printer	36,239	74	754	715
CSF6001 — Remote Display (23-inch) for CSU6004	2,246	14	131	112
CSU6005 — System Control Center; includes IOM channel; not for Level 68 or Level 68/DPS	57,138	232	1,505	1,290
CSF6002 — Remote Display (23-inch) for CSU6005	2,246	14	125	107
CSF6023 — Exchange of Console Printer (30 cps for 120 cps) for CSU6004, CSU6005	6,978	62	195	185
SYSTEM UPGRADES				
CPK6030 — CPS6100 (basic Model 66/10) to Model 66/20 performance level	311,180	811	5,767	5,478
CPK6031 — Same for CPS6102	311,180	810	5,751	5,446
CPK6032 — Same for CPS6106	311,180	810	5,719	5,415
CPK6033 — Same for CPS6107	311,180	808	5,654	5,354
CPK6034 — Same for CPS6108	311,180	807	5,481	5,293
CPK6037 — CPS6202 (Model 66/20) to Model 66/40 performance level	477,975	494	10,797	10,258
CPK6038 — Same for CPS6203	477,975	340	10,829	10,289
CPK6039 — Same for CPS6204	477,975	193	10,861	10,319
CPK6040 — Same for CPS6206	477,975	192	10,946	10,399
CPK6042 — CPS6403 (Model 66/40) to Model 66/60 performance level	300,900	197	6,860	6,519
CPK6043 — Same for CPS6404	274,950	89	6,369	6,056
CPK6044 — Same for CPS6406	223,050	—	5,387	5,128
CPK6045 — Same for CPS6408	181,150	—	4,406	4,202
CPK6046 — CPS6603 (Model 66/60) to Model 66/80 performance level	529,195	1,912	11,463	10,891
CPK6047 — Same for CPS6604	529,195	1,912	11,458	10,891
CPK6048 — Same for CPS6624	529,195	1,912	11,463	10,891
CPK6049 — Same for CPS6606	529,195	1,912	11,464	10,891
CPK6050 — Same for CPS6626	529,195	1,912	11,463	10,891
CPK6051 — Same for CPS6608	529,195	1,925	11,358	10,891
CPK6052 — Same for CPS6628	529,195	1,925	11,463	10,891
CPK6053 — Same for CPS6632	529,195	2,011	11,464	10,891
CPK6054 — Same for CPS6636	529,195	1,926	11,463	10,891

*Rental prices include maintenance.
**Available as replacement systems only.

Honeywell Series 60, Levels 66 and 68

EQUIPMENT PRICES

		Purchase Price	Monthly Maint.	Rental (1-year lease)*	Rental (5-year lease)*
MEMORY FOR MODELS 66/60 AND ABOVE (Continued)					
CMK6040	Memory Expansion Module for Multics Model 68/80; 256K to 384K words	221,150	257	4,789	4,550
CMK6041	384K to 512K words	257,050	132	3,439	3,267
CMK6042	512K to 768K words	295,090	388	6,803	6,567
CMK6043	768K to 1,024K words	295,090	387	6,803	6,568
CMK6044	1,024K to 1,536K words	590,180	774	13,608	13,135
CMK6045	1,536K to 2,048K words	590,180	776	13,607	13,218
MASS STORAGE					
MSP0602	Integrated Mass Storage Processor; for use with Model 66/07 and above	57,500	114	1,258	1,132
MSP0603	Free-Standing Mass Storage Processor; for use with Model 66/07 and above	62,500	129	1,363	1,222
MSP0605	Integrated Mass Storage Processor; for use with Model 66/05	31,460	116	753	678
MSK6005	Upgrade of MSP0605 to MSP0602	26,040	—	505	545
MSU0402	Removable-Disk Mass Storage Unit, 100M bytes	20,805	108	586	510
MSU0451	Disk Mass Storage Unit, 200M bytes; requires MXF6002 IOM data rate expansion and includes rotational position sensing	27,047	108	859	746
MSF0006	Dual Access Feature for MSU0402/0451	2,070	12	59	51
MSF0007	Remote Position Sensing Option for MSU0402/0451; required on Level 66, except optional on 66/05	2,025	12	58	51
MSF1023	Device Adapter for MSU0402/MSU0451	11,475	28	310	269
MSF1027	Nonsimultaneous Datanet Channel for MSU0402/0451/0500	7,920	14	226	202
MSF1028	Dual Simultaneous Channel when no MSU0500 is configured	13,000	55	736	662
MSF1031	Dual Processor Crossbar Option	36,000	141	1,125	976
MSF1033	Drive Expansion for more than 16 MSU0402/0451 Single-Channel MSP's	12,690	14	355	308
MSF1035	Device Adapter for MSU0402/0451	11,475	28	310	269
MSF1038	Device Adapter for MSU0402/0451	—	—	—	—
MSA1027	Addressing Capability for MSU0402/MSU0451; one per four MSU's	6,300	17	182	159
MSA1030	Dual Channel Addressing Capability for four MSU0402/MSU0451's	210	—	5	5
MSK4025	Upgrade Kit from MSU0402 to MSU0451	6,242	—	273	236
MSU0500	Dual Fixed Disk Mass Storage Unit, 940 million characters; includes disk and RPS	47,500	164	1,210	1,089
MSF0011	Dual Access Feature for MSU0500	4,140	22	118	102
MSF1024	Device Adapter for MSU0500	20,000	26	550	475
MSF1034	Drive Expansion for MSU0500; required for more than 8 MSU0500's	12,690	14	335	308
MSF1037	Device Adapter for MSU0500	—	—	—	—
MSA1029	Addressing Capability for MSU0500; one per two MSU's	6,300	17	182	159
MSF1019	Additional Nonsimultaneous Switched Channel; required when no MSU0500 is configured	7,920	14	226	202
MSF1026	Nonsimultaneous IOM Channel for MSU0402/0451/0500	7,920	14	226	202
MSF1028	Dual Simultaneous Channel; required when no MSU0500 is configured	13,000	55	736	662
MSF1036	Dual-Processor (MSP) Crossbar Switch	15,000	22	842	758
MAGNETIC TAPE EQUIPMENT					
MTP0601	Magnetic Tape Processor; Level 66 (1x8); includes IOM channel; for MTU0400/0411/0412/0500/0610	25,740	140	760	683
MTF1040	Switched Tape Channel (includes IOM channel)	7,920	5	235	210
MTF1042	Dual Simultaneous Channel for up to 2x16 operation; includes IOM tape channel and second channel adapter	41,580	168	1,229	1,097
MTA1041	Device Addressing Capability for 4 MTU0410/0411/0412/0500, maximum 2 for 1x8, 4 for 2x16	210	—	5	5
MTA1042	Device Addressing Capability for 4 MTU0410/0411/0412/0500/0600; maximum 2 for 1x8, 4 for 2x16	210	—	5	5
MTF1045	Code Translation; ASCII to Level 66 six-bit code	900	—	30	26
MTF1046	Code Translation; EBCDIC to Level 66 six-bit code	900	—	30	26
MTF1047	Code Translation; EBCDIC to ASCII Code	900	—	30	26
MTF1015	200/2000 to Level 66 Tape Compatibility Feature	2,295	5	60	52
MTU0410	Magnetic Tape Unit (75 ips)	12,410	77	330	309
MTU0411	Additional Magnetic Tape Unit for MTU0412 (75 ips)	11,473	97	322	280
MTU0412	Magnetic Tape Unit, Cluster of Two (75 ips)	22,946	195	644	560
MTU0500	Magnetic Tape Unit (125 ips)	16,610	87	493	458
MTU0610	Magnetic Tape Unit (200 ips)	20,000	100	495	428
Features for the MTU0410:					
MTF0111	Nine-track, 1600 bpi	3,060	21	94	81
MTF0112	Nine-track, 800/1600 bpi	3,940	35	119	104
MTF0113	Seven-track, 200/556/800 bpi	6,000	57	215	178
MTF0115	Seven-track, 200/556 bpi	3,060	21	94	81
Features for the MTU0411/0412:					
MTF0117	Nine-track, 800/1600 bpi	1,685	5	45	39
MTF0118	Seven-track, 556/800 bpi	1,685	5	45	39

*Rental prices include maintenance.
**Available as replacement systems only.

Honeywell Series 60, Levels 66 and 68

EQUIPMENT PRICES

		Purchase Price	Monthly Maint.	Rental (1-year lease)*	Rental (5-year lease)*
DOCUMENTAL HANDLER SUBSYSTEMS (Continued)					
DHF6003	Document handler channel for DHU0800	4,800	5	113	102
DHF6004	Document handler control console channel and adapter	6,160	58	162	141
DHF0801	E-13B recognition	9,780	41	225	214
DHF0802	CMC-7 recognition	9,780	41	225	214
DHF0803	OCR recognition; numeric	38,000	218	919	873
DHF0804	OCR recognition; alphanumeric	50,000	273	1,224	1,162
DHF0805/6	Optical mark reader	4,890	21	112	107
DHF0810	Second OCR line	7,340	38	205	194
DHF0820/21/22	Off-line fine sort	3,690	15	85	80
DHF0830	Multiple-digit special outsort	2,450	12	56	53
DHF0840	Autoload data format control—MICR	2,450	12	56	53
DHF0841/42	Autoload data format control—OCR	2,450	12	56	53
DHF0850	OCR A size 1 or 4 font	2,450	12	56	53
DHF0851	OCR B plus symbols font	2,450	12	56	53
DHF0852	OCR B plus characters/font	2,450	12	56	53
DHF0853	407-1 font	2,450	12	56	53
DHF0854	7B font	2,450	12	56	53
DHF0855	E-13B font	2,450	12	56	53
DHF0856	12F font	2,450	12	56	53
DHF1603	Endorser	10,120	90	253	223
DHF1604	Expansion unit (16 additional pockets)	5,060	17	126	111
DHF1605	Expansion module (4 additional pockets)	15,180	66	378	334
DHF1606	Mobile carrier	175	—	5	5
DHF1607	Short document read capability	690	2	18	10
DHF1608	Short document module expansion	460	2	12	5
DHF1609	Batch ticket detector	690	2	18	10
DHF1610	Resettable item counter	460	2	12	5
DHF1611	Basic off-line fine sort	1,610	9	42	28
DHF1612	Expanded off-line fine sort	460	2	12	5
DHF1613	Digit override	690	2	19	10
DHF1614	Digit edit	690	2	19	10
DHF1615	Zero kill	690	2	19	10
DHF1616	Field override	690	2	19	10
DHF1617	Field edit	690	2	19	10
DHF1618	No field/no digit autostart	690	2	19	10
DHF1619	Stacker overflow	690	2	19	10
DHF1620	Valid character check	460	2	12	5
DHF1621	Extended sort control	2,760	28	74	56
DHF1622	8-pocket off-line sort	1,488	12	53	43
DHF1630	Multilevel E-13B recognition	19,320	101	482	424
DATANET 6600 FRONT-END NETWORK PROCESSORS					

Datanet 6600 Front-end Network Processors and options are available on one-, three-, and five-year leases under Group D contracts, and on one-, six-, and seven-year leases under HIS-300 contracts.

		Purchase Price	Monthly Maint.	Rental (1-year lease)*	Rental (5-year lease)*
DCP6616	Processor; 48K-byte memory, IOM channel and peripheral subsystem adapter; general-purpose communications base	46,800	191	1,111	963
DCP6624	Processors; 48K-byte memory, IOM channel peripheral subsystem adapter; general purpose communications base, asynchronous communications base—type 1, console	81,780	213	1,917	1,667
DCP6632	Processor; 64K-byte memory, IOM channel and peripheral subsystem adapter; two general-purpose communications bases, asynchronous communications base—type 1, console	124,874	325	2,926	2,544
DCP6678	Processor; includes 64K words of memory, system support controller, direct interface adapter, and 6 channel interface bases	190,870	491	4,230	4,010
DCU 6651	Additional Level 66/DPS Network Processing Module; includes 32K words of memory, console device, direct interface adapter, and Level 66 IOM channel; up to 7 allowed	69,750	356	2,111	1,900
OPTIONS FOR DATANET 6600 PROCESSORS OTHER THAN DCP6678					
DCU6201	Asynchronous Communications Base—Type 2; maximum of 52 lines up to 110 bps; for speeds over 110 bps the number of lines is reduced	24,800	134	595	532
DCU6202	General-Purpose Communications Base; maximum capacity 32 lines	30,000	166	733	650
DCF6001	Asynchronous Speed Adapter for general-purpose communications base (110, 134.5, 150, 300, 1050, 1200, 1800 bps)	240	—	5	5
DCF6002	Asynchronous Speed Adapter for general-purpose communictions base (50, 110, 150, 200, 300, 600, 1200 bps)	240	—	5	5
DCF6003	Additional Bit Rate Option for Asynchronous Speed Adapter—50 bps	240	—	5	5
DCF6004	Additional Bit Rate Option for Asynchronous Speed Adapter—75 bps	240	—	5	5
DCF6005	Additional Bit Rate Option for Asynchronous Speed Adapter—134.5 bps	240	—	5	5
DCF6006	Additional Bit Rate Option for Asynchronous Speed Adapter—200 bps	240	—	5	5
DCF6007	Additional Bit Rate Option for Asynchronous Speed Adapter—600 bps	240	—	5	5
DCF6008	Additional Bit Rate Option for Asynchronous Speed Adapter—1,050 bps	240	—	5	5
DCF6009	Additional Bit Rate Option for Asynchronous Speed Adapter—1,800 bps	240	—	5	5
DCF6038	Additional Bit Rate Option for Asynchronous Speed Adapter—2,400 bps	240	—	5	5
DCF6010	Communications Channel Interface; Asynchronous (two channels); EIA RS-232C	3,120	13	77	66
DCF6011	Communications Channel Interface; Asynchronous (two channels); current interface	2,650	12	69	56
DCF6013	Communications Channel Interface; Synchronous (two channels); ASCII	3,600	15	88	77

*Rental prices include maintenance.
**Available as replacement systems only.

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EQUIPMENT PRICES

OPTIONS FOR DCP6678 FRONT-END NETWORK PROCESSOR (Continued)

		Purchase Price	Monthly Maint.	Rental (1-year lease)*	Rental (5-year lease)*
DCF6613	Automatic Call Unit, Dual Channel	1,180	4	28	23
DCF6614	MIL STD 188C Synchronous Channel; available with CPS6058 processor	1,501	8	38	30
DCF6618	Dual Binary Synchronous Channel Package; available with CPS6058 processor	1,450	6	36	31
DCF6619	Broadband Channel; available with CPS6058 processor	3,056	11	72	58
DCF6620	HDLC Voice-Grade Channel	2,573	10	62	50
DCF6621	Bisynchronous Broadband Channel	3,056	11	72	58
DCF6624	Direct Connect Capability, asynchronous	350	1	8	8
DCF6625	Direct Connect Capability, synchronous	480	1	12	11
DCF6627	Broadband Channel, CCITT V.35 to 50,000 bps	3,430	11	80	74
DCF6927	Universal Modem Bypass, Synchronous to Asynchronous; to 20.8K bps	395	10	24	24
DCF6607	Channel Interface Base	1,651	9	42	38
DCF6610	20mA Current Loop-Dual Channel Package	1,180	4	28	26
DCF6615	MIL-STD 188C Asynchronous Dual Channel	1,501	8	38	35
DCF6616	MIL-STD 188C Broadband Channel	1,501	8	38	35
DCF6617	MIL-STD 188C HDLC Channel	2,573	10	62	58
DCF6622	HDLC Broadband Channel	3,056	11	72	67
DCF6623	HDLC Channel, CCITT-V.35	3,430	11	80	74

*Rental prices include maintenance.
**Available as replacement systems only.

SOFTWARE PRICES

		Monthly License	Paid-Up License

The following software is licensed without separate charge (i.e., bundled with system):
SES6100, GCOS III Operating System; SEC6006, NPS NT2 HDLC Support (Non-DPS version);
SEL6103, BASIC compiler; SEP6101 Time-Sharing package; SES6002, TPE (all on Level 66);
SFS6120, Operating System (On Level 66/DPS); and SFS6100, Multics Operating System (on Level 68).

Series 60 Level 66

		Monthly License	Paid-Up License
SEC6002	Host File Transceiver For Level 6	$10	—
SEC6003	GRTS-II HDLC Support	90	—
SEC6004	NPS BASIC System (Release DP1)	890	—
SEC6005	NPS HDLC Support (DP1/NT2)	90	—
SED6002	Standard Integrated Data Store/II (I-D-S/II)	420	—
SED6004	Interactive I-D-S/II	79	—
SED6005	GCOS Data Management-IV (DM-IV) Basic System	893	—
SED6006	GCOS Data Management-IV (DM-IV) Transaction Processor	1,134	—
SED6007	GCOS Data Management-IV (DM-IV) Query and Reporting Processor	300	—
SED6008	GCOS Data Management-IV (DM-IV) Procedural Language Processor Option for Query and Reporting Processor	255	—
SED6009	GCOS Data Management-IV (DM-IV) Comprehensive Package	2,299	—
SED6010	GCOS Data Management-IV (DM-IV) Co-existence I-D-S Option for Transaction Processing (TDS) and Query and Reporting Processor (MDQS/IV)	525	—
SEL6009	I-D-S/II COBOL-74 Subschema Translator	105	—
SEL6010	COBOL-74 Compiler for Series 6000	212	—
SEL6015	Host-Resident Program Development System for Level 6	400	—
SEL6016	Host-Resident Advanced FORTRAN System for Level 6	212	—
SEL6017	Host-Resident COBOL for Level 6	212	—
SEL6018	TEX	290	—
SEL6019	TEX Library I	30	—
SEL6102	Extended FORTRAN Compiler	300	—
SES6001	GRTS-II Basic System	210	—
SEU6006	Resource Collection and Plot (RECAP)	175	—
SEU6101	File Generation	40	—
SEV6101	I-D-S/II FORTRAN Subschema Translator	105	—
SFL6001	COBOL-74	212	—
SFL6002	PL/I	250	—
SFP6002	Management Data Query System/II (MDQS/II)	546	—
SFP6004	Management Data Query System/IV (MDQS/IV)	953	—
SFS6001	Transaction Driven System (TDS)	1,191	—

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SOFTWARE PRICES

	Monthly License	Paid-Up License
Applications Software, Level 66 (continued)		
AEF0001 Accounts Receivable System	—	2,599
AEF0002 Accounts Payable System	—	2,599
AEF0003 General Ledger System	—	2,599
AEF0004 Payroll System	—	2,599
AEF6001 Accounts Receivable (System F)	—	2,894
AEF6004 Payroll Tax Update (for AEF0004)	—	—
AEH6001 Hospital Computer Sharing System/66, Patient Accounting (HCSS/66/PAC)	—	15,675
AEH6002 HCSS/66 Financial/Accounting (HCSS/66/FAC)	—	7,425
AEH6003 HCSS/66 Payroll/Personnel	—	4,125
AEH6004 HCSS/66 Inventory Reporting	—	1,650
AEH6005 HCSS/66 Accounts Payable	—	1,100
AEH6006 HCSS/66 Bad Debt	—	1,100
AEH6007 Medical Records/Audit	—	880
AEH6008 HCSS/66 Preventive Maintenance	—	715
AEH6009 HCSS/66 Property Ledger	—	715
AEH6010 HCSS/66 Cost Allocation	—	550
AEH6011 HCSS/66 Comprehensive Package	—	33,935
AEL6008 A Programming Language (APL/66)	—	19,101
AEL6011 A Programming Language (APL/66 Level II)	—	21,499
AEM0003 Production Scheduling and Control	375	16,951
AES0001 Advanced Numerical Control	125	5,485**
AES0003 Mathematic Programming System (MPS)	250	11,025**
AES0005 General Purpose Simulator System (GPSS)	156	7,083
AES0008 Automatic Scheduling with Time Resource Allocation (ASTRA)		1,191**
AES0009 NASA Structural Analysis (NASTRAN)	100	4,961**
AES0010 Concordance Generator Program (Concordance)	238	6,930
AES0012 Coordinate Geometry (COGO)	166	7,298
AES0013 Automatic Scheduling with Time Resource Allocation (ASTRA II)	105	4,300
AES0015 MPS/66—Basic System	292	12,017
AES0016 MPS/66—Mixed Integer Feature	320	13,175
AES0017 MPS/66—Generalized Upper Bound	441	18,164
AES0004 MPS/66—Common File Management System	441	18,164
AES0019 Time-Sharing Application	60	2,628
AES0020 SIMSCRIPT	60	2,628
AES0021 Biomedical Statistical Library (BMD)	—	1,391
AES0022 PMCS/66 Network Processor	236	9,923
AES0023 PMCS/66 Resource Scheduler	210	8,820
AES0024 Individualized Mathematics Instruction IMI/66	—	1,995
AES6009 Automated Dynamic Analyzer (ADA)	—	4,961
AES6010 Slave Program Activity Monitor for Object Form Program	138	6,064
AES6011 Slave Program Activity Monitor for COBOL-68 Form Program	138	6,064
AES6012 Slave Program Activity Monitor for FORTRAN Y Form Program	138	6,064
AFB6001 Customer Profile Module	420	13,125
AFB6002 Administrative & Controls Module	210	6,563
AFB6003 Savings Account Module	735	22,943
AFB6004 Load Account Module	945	29,400
AFB6006 FUNDS	2,625	81,900
AFM0034 IMS—Material Requirements Planning (IMS/66 Extended)	441	19,928
AFS0033 IMS—Statistical Forecasting & Analysis (IMS/66 Extended)	110	4,989
AFS0035 APT/66 Automatically Programmed Tool	579	26,157
— ROLIN (Rapid On-Line Information Network)	—	105,000
AFM0061 IMS/66 Master Production Scheduling—DMIV	300	13,500
AFM0062 IMS/66 Material Requirements Planning—DMIV	420	18,979
AFM0063 IMS/66 Statistical Forecasting—DMIV	105	4,751
AFM0064 IMS/66 Master Production Scheduling (IMS/66 Extended)	300	13,500
AFM0065 PSC/66 Production Scheduling and Control—DMIV	357	16,144
AFS0036 APT/66 Sculptured Surfaces Module	650	26,000
Applications Software, Level 68		
AGS6101 Multics Timesharing Library	116	5,232
AGS6112 Multics ISTAT	56	2,492
AGT6102 Multics Graphics	615	27,810

**Also usable on Level 68 systems.