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Xerox Sigma Series

➤ 1400 simulation routines are available for the Sigma 5 and larger models.

APPLICATION PROGRAMS: A number of applications programs are available from Xerox on an unbundled (separately priced) basis.

General Purpose : Discrete Simulaor (GPDS) is a version of IBM's GPSS that runs on a Sigma 5, 6, 7, or 9 under BPM, BTM, or CP-V.

Functional Mathematical Programming System (FMPS) is a linear programming system developed jointly with Bonner and Moore Associates. FMPS operates on a Sigma 5, 6, 7, or 9. GAMMA III is an adjunct to FMPS that formulates linear programming problems into specialized matrix notation to simplify FMPS input.

CIRC is a sophisticated circuit design and analysis tool for electrical engineers that runs under BPM, BTM, or CP-V on the Sigma 5 and larger models. Three versions are available: CIRC-DC (direct current), CIRC-AC (alternating current), and CIRC-TR (transient analysis).

Simulation Language (SL-1) provides digital or hybrid simulation through a superset of IBM's Continuous System Simulation Language (CSSL) under RBM, BPM, or BTM on a Sigma 5, 7, or 9. A version called CSS/3 is available for the Sigma 3.

In addition to the applications supported by Xerox, more than 1,000 programs are listed in the Xerox Users' Group Catalog of Programs.

USERS' GROUP: Xerox has a users' group composed of over 1200 active members. Semiannual meetings are held to coincide with the Joint Computer Conferences, and a newsletter, *User News,* is published monthly. A number of Special Interest Groups have been formed, covering topics such as commercial Sigma applications, real-time operation, educational applications, etc. A comprehensive catalog of the Xerox Users' Group programs is available from Xerox. For further information, contact: Secretary, Xerox Users' Group, Xerox Corporation, 701 South Aviation Blvd., El Segundo, California 90245.

PRICING

EQUIPMENT: All necessary control units, I/O processors, and adapters are included in the indicated prices for the following typical configurations, and the quoted one-year rental prices include equipment maintenance. Note that numerous special interface units and communications controllers for real-time and on-line use have not been included.

SIGMA 3 DISK (EXPANDED RBM) SYSTEM: Consists of a 16K-word (32K-byte) Central Processor, 7203 RAD Storage System (1.5 MB), 8195 Magnetic Tape System, 7122 Card Reader (400 cpm), 7121 Card Punch (200 cpm), 7440 Line Printer (628-795 lpm), and 8192 Printer-Keyboard. Monthly rental and purchase prices are approximately $4,836 and $177,075 respectively, and monthly maintenance (for purchased systems) is $1,356.

SIGMA 5 DISK (EXPANDED RBM) SYSTEM: Consists of a 24K-word (96K-byte) Central Processor, 7246 Disk Storage Drive (24.58 MB), 7203 RAD Storage System (1.5 MB), 7122 Card Reader (400 cpm), 7160 Card Punch (300 cpm), 7440 Line Printer (628-795 lpm), and 7012 Printer-Keyboard. Monthly rental and purchase prices are approximatly $7,129 and $315,200, respectively, and monthly maintenance (for purchased systems) is $1,911.

SIGMA 7 TAPE/DISK/RAD (BTM) SYSTEM: Consists of a 48K-word (192K-byte) Central Processor, 7242 Disk Storage Unit (49.16 MB), 7204 RAD Storage Unit (1.5 MB), one 7315 Magnetic Tape Control and Magnetic Tape Drive and one additional 7316 Magnetic Tape Drive (60KB), 7122 Card Reader (400 cpm), 7160 Card Punch (300 cpm), 7441 Line Printer (1100 lpm), and 8495 System Supervisory Console. Monthly rental and purchase prices are approximately $17,885 and $690,200 respectively, and monthly maintenance (for purchased systems) is $3,551.

SIGMA 8 TAPE/DISK/RAD (BPM) SYSTEM: Consists of a 64K-word (256K-byte) Central Processor, one 7242 Disk Storage Unit (49.16 MB), two 7212 RAD Storage Units (11.75 MB), one 7315 Magnetic Tape Control and Tape Drive and one additional 7316 Tape Drive (60KB), 7122 Card Reader (400 cpm), 7160 Card Punch (300 cpm), 7441 Line Printer (1100 lpm), and 7020 Printer-Keyboard. Monthly rental and purchase prices are approximately $21,821 and $720,800 respectively, and monthly maintenance (for purchased systems) is $4,569.

SIGMA 9 TAPE/DISK/RAD (CP-V) SYSTEM: Consists of a 256K-word (1024K-byte) Central Processor, four 7242 Disk Storage Units (196.64 MB), four 7212 RAD Storage Units (23.50 MB), four 7332 Magnetic Tape Units (120KB), two 7122 Card Readers (400 cpm), one 7140 Card Reader (1500 cpm), two 7160 Card Punches (300 cpm), two 7446 Line Printers (1500 lpm), and two 7020 Printer-Keyboards. Monthly rental and purchase prices are approximately $42,326 and $1,541,820, respectively, and monthly maintenance (for purchased systems) is $10,062.

SOFTWARE: Xerox was among the first mainframe vendors to price applications software separately. This policy applies to the major applications systems developed by Xerox or by outside sources under contract to Xerox. Such software is currently limited to a handful of applications-oriented packages. Operating systems, utilities, and language processors are bundled at no additional cost to Sigma users. A number of the separately priced applications packages are provided at no charge to qualified educational institutions.

SUPPORT: Xerox has formed a Commercial Systems Integration Group to provide systems engineering and field support to customers. "Emergency" operating system software support is available from Field Engineers at $25/hour on weekdays and $28/hour on Sundays and holidays. On-site custom software assistance is provided by Systems Engineers at $25/hour for small Sigma 3 systems and $30/hour for more complex systems.

EDUCATION: Xerox maintains an Education Center in Los Angeles at which standard and special courses are taught. These courses cover all aspects of Sigma usage and range in length from 2 to 10 days, at costs ranging from $100 to $300. A training program consisting of a number of courses may be desired, depending upon customer requirements. On-site training can be arranged at negotiated charges.

CONTRACT TERMS: Xerox offers a purchase agreement for Sigma computer systems, and 1, 4, or 6-year lease terms. A 9-hour weekday principal period of maintenance is included at no additional charge for leased Sigma systems. Additional maintenance support is available: Saturday or Sunday coverage is offered at a premium of 20% of the separate maintenance charge; 16-hour maintenance is available for 5, 6, or 7 days per week at premiums of 40%, 70%, or 90%, respectively, of the separate maintenance charge; and 24-hour maintenance is available for 5, 6, or 7 days per week at premiums of 115%, 125%, or 140%, respectively, of the separate maintenance charge. ■

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EQUIPMENT PRICES

		Purchase Price	Monthly Maint.	Rental (1-year lease)*	Rental (4-year lease)*	Rental (6-year lease)*
SIGMA 3 PROCESSOR AND MAIN STORAGE						
8101**	Sigma 3 CPU including IIOP w/4 Channels, 1 Port, and 8K 16-bit words of Memory	29,700	206	804	689	612
8102**	Sigma 3 CPU including EIOP w/8 Channels, 2 Ports, 8K 16-bit words of Memory, and DIO Interface	37,800	237	1,023	877	779
8105	Integral I/O Processor (IIOP) with 4 I/O Channels	6,480	31	175	150	134
8111	Two Real-Time Clocks	540	5	15	12	11
8113	Power Fail-Safe Interrupt	1,080	5	29	25	23
8114	Fault Interrupt & Protect Feature—includes Interface Time & Memory Parity	2,700	15	73	64	56
8119	Extended Arithmetic Unit	2,700	15	73	64	56
8121	Interrupt Control Chassis	2,375	10	65	54	49
8122	Priority Interrupt, 2 Levels (for 8121)	380	0	11	9	8
8123	Two Integral Priority Interrupt Levels (for 8101 or 8102)	865	5	24	21	17
8150	Sigma 5/7 Memory Adapter	8,100	41	219	188	167
8151	Basic Memory Module, 8K 16-bit Words (first and odd-numbered subsequent memory increments)	18,360	88	496	424	378
8152	Memory Increment, 8K 16-bit Words (second and even-numbered subsequent memory increments)	12,960	62	350	300	267
8155	Additional Memory Port	1,620	10	44	38	33
8170	External Interface Feature	1,080	5	29	25	23
8171	External I/O Processor (EIOP) With 8 I/O Channels (requires 8155 and 8170)	12,960	62	350	300	267
8172	Additional 8 I/O Channels (for CPU, IIOP, or EIOP)	4,320	20	117	100	89
8175	Two-Byte Interface (for 8102 or EIOP)	1,620	10	44	38	33
8191	First Keyboard Printer—KSR-35 (Console for Sigma 3 only)	4,320	36	117	100	89
8192	First Keyboard Printer—ASR-35 w/Paper Tape Reader & Punch (Console for Sigma 3 only)	6,480	52	176	150	134
8195	Magnetic Tape Controller plus one Tape Drive (For Sigma 3 only)	15,000	206	562	528	500
8196	Add-On Tape Drive (For 8195)	8,000	155	337	317	300
SIGMA 5 PROCESSOR AND MAIN STORAGE						
8201	Sigma 5 CPU including Integral I/O Processor, two Real-Time Clocks, Control Panel, & Power Supplies	70,000	464	1,750	1,645	1,558
8202	Sigma 5 CPU without Integral I/O Processor	65,000	438	1,625	1,528	1,360
8203	Integral I/O Processor (IIOP)	7,500	25	188	177	168
8211	Two Additional Real-Time Clocks	1,000	5	25	24	23
8213	Power Fail-Safe	1,000	5	25	24	23
8214	Memory Protect	4,000	15	100	94	89
8216	Additional Register Block	2,500	10	63	60	56
8218	Floating-Point Arithmetic	10,000	103	250	235	223
8221	Interrupt Control Chassis (Required for 8270)	2,200	30	55	52	49
8222	Priority Interrupt, 2 Levels (Requires 8270)	350	0	9	9	8
8261	Memory Bank, 8K 32-bit Words (first and odd-numbered subsequent memory modules)	42,000	124	1,050	987	935
8262	Memory Increment, 8K 32-bit Words (second and even-numbered subsequent memory modules)	31,000	113	755	729	690
8264	Each Port Expansion (Required for each pair of 8261's in same memory cabinet)	4,000	20	100	94	89
8270	External Interface Feature (Requires 8221)	2,000	10	50	47	45
8273	Multiplexer Input/Output Processor (MIOP); includes eight Multiplexer Channels	20,000	82	500	470	445
8275	4-Byte Interface Feature for MIOP	1,500	15	63	60	56
8276	Additional Eight Multiplexer Channels for MIOP	4,000	15	100	94	89
8277	Bus-Sharing MIOP	15,000	82	375	353	334
8285	Selector Input/Output Processor (SIOP)	30,000	103	750	705	668
SIGMA 6 PROCESSOR AND MAIN STORAGE						
8310A	Sigma 6 CPU including Multiplexer I/O Processor (MIOP) w/8 channels & 4-byte Interface Feature, Decimal	196,000	1,288	7,670	7,210	6,827

*Rental prices include monthly maintenance charges.

**Minimum monthly rental for a Sigma 3 system is $1200.

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		Purchase Price	Monthly Maint.	Rental (1-year lease)*	Rental (4-year lease)*	Rental (6-year lease)*
SIGMA 6 PROCESSOR AND MAIN STORAGE (Continued)						
	Arithmetic, Memory Map w/Access Protection, Memory Write Protection, Two Register Blocks, Two Real-Time Clocks, Power Fail-Safe, External Interface, Dual Access (2-port), and 32K 32-bit words of memory					
8310B	Same as above, with 48K 32-bit words	251,000	1,540	9,360	8,798	8,331
8310C	Same as above, with 64K 32-bit words	286,000	1,792	10,645	10,007	9,474
8310D	Same as above, with 80K 32-bit words	307,000	2,045	12,335	11,595	10,979
8310E	Same as above, with 96K 32-bit words	328,000	2,297	12,990	12,211	11,562
8310F	Same as above, with 112K 32-bit words	349,000	2,549	14,035	13,193	12,492
8310G	Same as above, with 128K 32-bit words	370,000	2,802	14,690	13,809	13,075
8311	Two Additonal Real-Time Clocks	1,000	5	25	24	23
8316	Additional Register Block	2,500	10	63	60	56
8318	Floating-Point Arithmetic Unit	25,000	103	625	588	557
8321	Interrupt Control Chassis (Required for 8322)	2,200	30	55	52	49
8322	Priority Interrupt, 2 Levels (Requires 8321)	350	0	9	9	8
8364A	Each Port Expansion for 8310A	4,000	20	100	94	89
8364B,C	Each Port Expansion for 8310B, C	8,000	41	200	188	178
8364D,E	Each Port Expansion for 8310D, E	12,000	62	300	282	267
8364F,G	Each Port Expansion for 8310F, G	16,000	82	400	376	356
8370	Additional MIOP w/8 Channels and 4-Byte Interface Feature	22,500	98	563	530	502
8375	I/O Processor (IOP) Expansion Feature; 8 Channels, 4-Byte Interface Feature (For MIOP)	17,500	98	438	412	390
8376	Additional 8 Multiplexer Channels (For MIOP)	4,000	15	100	94	89
8385	Selector I/O Processor (SIOP)	30,000	103	750	705	668
SIGMA 7 PROCESSOR AND MAIN STORAGE						
8401	Sigma 7 CPU including two Real-Time Clocks, Control Panel, and Power Supplies	203,000	676	5,075	4,771	4,517
8411	Two Additional Real-Time Clocks	1,000	5	25	24	23
8413	Power Fail-Safe	1,000	5	25	24	23
8414	Memory Protect	5,000	21	125	118	112
8415	Memory Map	32,500	83	813	765	724
8416	Additional Register Block	2,500	10	63	60	56
8418	Floating-Point Arithmetic	25,000	104	625	588	557
8419	Decimal Arithmetic	30,000	125	750	705	668
8421	Interrupt Control Chassis (Required for 8422)	2,200	31	55	52	49
8422	Priority Interrupt, 2 Levels (Requires 8421)	350	0	9	9	8
8461	Memory Bank, 8K 32-bit Words (first and odd-numbered subsequent memory modules)	35,850	140	897	843	798
8462	Memory Increment, 8K 32-bit Words (second and even-numbered subsequent memory modules)	23,650	114	592	556	527
8464	Each Port Expansion (Required for each pair of 8461's in same memory cabinet)	4,000	21	100	94	89
8473	Multiplexer Input/Output Processor (MIOP), including eight Multiplexer Channels	20,000	83	500	470	445
8475	4-Byte Interface Feature for MIOP	2,500	16	63	60	56
8476	Additional Eight Multiplexer Channels for MIOP	4,000	16	100	94	89
8477	Bus-Sharing MIOP	15,000	83	375	353	334
8485	Selector Input/Output Processor (SIOP)	30,000	104	750	705	668
8495	System Supervisory Console (For Sigma 7 only)	25,000	104	625	588	557
SIGMA 8 PROCESSOR AND MAIN STORAGE						
8510A	Sigma 8 CPU including Multiplexer I/O Processor (Channel A), 16 General-Purpose Registers, Floating-Point Arithmetic, Memory Write Protect, two Real-Time Clocks, Power Fail-Safe, External Interface, and 16K 32-bit words of memory	225,000	1,347	9,500	8,930	8,455
8510B	Same as above, with 32K 32-bit words	265,000	1,612	10,150	9,541	9,034
8510C	Same as above, with 48K 32-bit words	307,000	1,893	11,200	10,528	9,968
8510D	Same as above, with 64K 32-bit words	347,000	2,158	11,850	11,139	10,547
8510E	Same as above, with 80K 32-bit words	389,000	2,439	12,900	12,126	11,481
8510F	Same as above, with 96K 32-bit words	429,000	2,700	13,550	12,737	12,060

*Rental prices include monthly maintenance charges.

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		Purchase Price	Monthly Maint.	Rental (1-year lease)*	Rental (4-year lease)*	Rental (6-year lease)*
SIGMA 8 PROCESSOR AND MAIN STORAGE (Continued)						
8510G	Same as above, with 112K 32-bit words	471,000	2,985	14,600	13,724	12,994
8510H	Same as above, with 128K 32-bit words	511,000	3,250	15,250	14,335	13,573
8511	Two Additional Real-Time Clocks	1,000	5	25	24	23
8516	Additional Register Block	2,500	10	63	60	57
8517	Alternate CPU Bus	3,000	10	75	71	67
8521	Interrupt Control Chassis (Required for 8522)	2,200	31	55	52	49
8522	2 Levels of Priority Interrupt (Requires 8521)	350	0	9	9	8
8560	Memory Reconfiguration Control Unit	4,000	10	100	94	89
8564A,B	Each Port Expansion for 8510A, B	4,800	26	120	113	107
8564C,D	Each Port Expansion for 8510C, D	9,600	52	240	226	214
8564E,F	Each Port Expansion for 8510E, F	14,400	78	360	339	321
8564G,H	Each Port Expansion for 8510G, H	19,200	104	480	452	428
8570	Additional MIOP—Channel A	20,000	161	500	470	445
8571	4-Byte Interface (For MIOP)	3,000	16	75	71	67
8572	8 Additional Subchannels (For MIOP)	4,000	16	100	94	89
8573	Memory-to-Memory Move (For MIOP)	2,800	16	70	66	63
8574	Alternate MIOP Bus (For MIOP—Channel A)	3,000	10	75	71	67
8575	MIOP—Channel B	15,000	161	375	353	334
8580	High Speed RAD IOP (HSRIOP); includes control for 7212 RAD	45,000	208	1,125	1,058	1,002
8584	Alternate HSRIOP Bus (For HSRIOP)	3,000	10	75	71	67
SIGMA 9 PROCESSOR AND MAIN STORAGE						
8610A	Sigma 9 CPU including Decimal Arithmetic Unit, Floating-Point Arithmetic Unit, Memory Map w/Access Protection, Memory Write Protection, two Register Blocks, two Real-Time Clocks, Power Fail-Safe, External Interface, Interrupt Control Chassis, Eight Interrupt Levels, Multiplexer I/O Processor (Channel A w/8 subchannels), Motor Generator Set, and 64K 32-bit words of memory	425,000	2,330	16,120	15,171	14,347
8610B	Same as above, with 80K 32-bit words	450,000	2,160	17,453	16,426	15,534
8610C	Same as above, with 96K 32-bit words	475,000	2,891	18,296	17,219	16,284
8610D	Same as above, with 112K 32-bit words	500,000	3,172	19,630	18,474	17,471
8610E	Same as above, with 128K 32-bit words	525,000	3,266	20,473	19,268	18,221
8610F	Same as above, with 160K 32-bit words	575,000	3,827	22,267	20,956	19,818
8610G	Same as above, with 192K 32-bit words	625,000	4,202	23,758	22,360	21,145
8610H	Same as above, with 224K 32-bit words	675,000	4,763	25,351	23,859	22,562
8610I	Same as above, with 256K 32-bit words	725,000	5,138	26,545	24,982	23,625
8610J	Same as above, with 320K 32-bit words	825,000	6,074	30,030	28,263	26,727
8610K	Same as above, with 384K 32-bit words	925,000	7,010	33,117	31,168	29,474
8610L	Same as above, with 448K 32-bit words	1,025,000	7,946	36,602	34,448	32,576
8610M	Same as above, with 512K 32-bit words	1,125,000	8,882	39,689	37,353	35,323
8611	Two Additional Real-Time Clocks	1,000	5	23	21	20
8616	Additional Register Block	2,500	10	72	67	64
8617	Alternate CPU Bus	3,000	10	67	63	60
8621	Additional Interrupt Controller	2,200	31	60	57	53
8622	Priority Interrupt, 2 Levels	350	0	10	10	9
8664A	Each Port Expansion for 8610A	7,680	52	214	201	190
8664B,C	Each Port Expansion for 8610B, C	11,520	78	320	302	285
8664D,E	Each Port Expansion for 8610D, E	15,360	104	427	402	380
8664F	Each Port Expansion for 8610F	19,200	130	534	502	475
8664G	Each Port Expansion for 8610G	23,040	156	640	603	570
8664H	Each Port Expansion for 8610H	26,880	182	747	703	665
8664I	Each Port Expansion for 8610I	30,720	208	854	804	760
8664J	Each Port Expansion for 8610J	38,400	260	1,067	1,004	950
8664K	Each Port Expansion for 8610K	46,080	312	1,280	1,205	1,140
8664L	Each Port Expansion for 8610L	53,760	364	1,494	1,406	1,330
8664M	Each Port Expansion for 8610M	61,440	416	1,707	1,607	1,519
8670	Additional MIOP—Channel A	20,000	161	445	419	396
8671	Four-Byte Interface (For MIOP)	3,000	16	67	63	60
8672	Additional Eight Subchannels (For MIOP)	4,000	16	89	84	79
8673	Memory-to-Memory Move (For MIOP)	2,800	16	63	59	56

*Rental prices include monthly maintenance charges.

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		Purchase Price	Monthly Maint.	Rental (1-year lease)*	Rental (4-year lease)*	Rental (6-year lease)*
SIGMA 9 PROCESSOR AND MAIN STORAGE (Continued)						
8674	Alternate 8670 Bus (For MIOP)	3,000	10	67	63	60
8675	MIOP—Channel B	15,000	161	334	314	297
8680	High Speed RAD IOP (HSRIOP); includes control for 7212 RAD	45,000	208	1,000	942	890
8684	Alternate HSRIOP Bus (For HSRIOP)	3,000	10	67	63	60
SIGMA 9 MODEL 3 PROCESSOR AND MAIN STORAGE						
8710	Sigma 9 Model 3 CPU including Floating-Point Arithmetic Unit, Memory Map with Access Protection, Register Block, two Real-Time Clocks, Power Fail-Safe, External Interface, Interrupt Control Chassis, two Interrupt Levels, Multiplexer I/O Processor (Channel A w/8 Subchannels), and 32K 32-bit words of memory	265,000	1,060	8,870	6,400	6,060
8711	Two Additional Real-Time Clocks	1,000	5	23	22	20
8716	Additional Register Block	2,500	10	65	61	58
8717	Alternate CPU Bus	3,000	10	67	63	60
8721	Additional Interrupt Controller	2,200	31	54	51	48
8722	Priority Interrupt, 2 Levels	350	0	10	9	9
8760	Memory Reconfiguration Control	4,000	10	100	94	89
8762A	16K Expansion Memory (Basic Memory Cabinet w/2 Ports)	25,000	103	800	752	712
8762B	16K Expansion Memory Increment	25,000	103	800	752	712
8766	Memory Port Expansion	3,840	26	97	90	84
8770	Additional MIOP—Channel A	20,000	161	445	418	396
8771	Four-Byte Interface	3,000	16	67	63	60
8772	Additional 8 Subchannels	4,000	16	89	84	79
8773	Memory-to-Memory Move	2,800	16	63	59	56
8774	Alternate MIOP Bus	3,000	10	67	63	60
8775	MIOP—Channel B	15,000	161	334	314	297
8780	High-Speed RAD IOP	45,000	208	1,000	940	890
8784	Alternate 8780 Bus	3,000	10	67	63	60
CONSOLE INPUT/OUTPUT						
7012	Keyboard/Printer & Controller KSR-35); 10 cps	6,000	48	150	141	134
7014	Spare Mechanism for 7012 or 8091	3,600	0	90	85	81
7020	Keyboard/Printer (10 cps) w/Paper Tape Punch/Reader (10/19 cps) and Controller (ASR-35)	7,500	53	188	177	168
7021	Spare Mechanism for 7020 or 8092	5,000	0	125	118	112
MASS STORAGE						
7201	Rapid Access Data (RAD) Controller (for up to eight 7202, 7203, or 7204 RAD Storage Units in any combination)	8,000	36	200	188	178
7202	RAD Storage Unit; 0.75MB, 188,000 bytes/sec.	18,000	95	450	423	401
7203	RAD Storage Unit; 1.5MB, 188,000 bytes/sec.	24,000	127	600	564	534
7204	RAD Storage Unit; 3.0MB, 188,000 bytes/sec.	35,000	186	875	823	774
7211	Rapid Access Data (RAD) Controller (connected to Selector I/O Processor for up to four 7212 RAD Storage Units)	18,000	52	450	423	401
7212	RAD Storage Unit; 5.4MB (may be directly connected to Sigma 9 High-Speed RAD IOP)	60,000	265	1,500	1,410	1,335
7231	Extended Performance Rapid Access Data (RAD) Controller (for up to four 7232 RAD Storage Units)	14,000	73	350	329	312
7232	Extended Performance RAD Storage Unit; 6.3 MB	50,000	265	1,250	1,175	1,113
7235	Extended Width Interface Feature for 7231 (provides 4-byte data path through IOP channel)	2,500	16	63	60	56
7236	Extended Width Rapid Access Data (RAD) Controller (for up to four 7232 RAD Storage Units)	26,500	52	663	623	590
7240	Disk Controller (connected to any I/O Channel for up to 8 spindles in 7242 and/or 7246 Disk Storage Units)	20,000	104	500	470	445
7241	Extended Width Interface Feature for 7240 (provides 4-byte data path)	2,500	16	63	60	56

*Rental prices include monthly maintenance charges.

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		Purchase Price	Monthly Maint.	Rental (1-year lease)*	Rental (4-year lease)*	Rental (6-year lease)*
MASS STORAGE (Continued)						
7242	Disk Storage Unit; Removable, Dual Spindle, 49.15 MB	25,000	281	800	752	712
7243	Device Pooling Feature (for 7242 to provide dual access by two 7240's)	8,000	52	200	188	178
7244	Disk Pack for 7242 or 7246 Disk Storage Units; 24.58 MB	600	0	31	31	31
7246	Disk Storage Unit; Removable, Single Spindle, 24.58 MB	15,000	238	450	423	400
7247	Device Pooling Feature, Single Spindle (for 7246 to provide dual access by two 7240's)	5,000	42	125	118	111
7260	Disk Controller plus two 7261 Disk Drives (90MB)	91,600	477	2,290	2,153	2,038
7261	Disk Drive (45MB)	19,600	148	490	461	436
1032	Second Controller (for 7260 dual access)	40,000	177	1,000	940	890
1033	Dual Access (for 7261 Disk Drive)	5,000	26	125	117	111
7265	Disk Controller plus three 7266 Disk Drives (273MB)	145,000	625	3,625	3,408	3,226
7266	Disk Drive (91MB)	20,000	150	500	470	445
1034	Second Controller (for 7265 dual access)	45,000	175	1,125	1,058	1,001
1035	Dual Access (for 7266 Disk Drive)	5,000	25	125	117	111
7264	Disk Pack (for 7261 or 7266 Disk Drive)	600	N/A	31	31	31
MAGNETIC TAPE INPUT/OUTPUT						
7315	Magnetic Tape Controller and one Tape Unit	16,000	200	600	550	500
7316	Add-on Tape Drive; 60KB	12,000	180	450	422	400
7322	Tape Unit; 60KB	12,000	180	450	422	400
7330	Magnetic Tape Controller; 1600 bpi	28,400	114	710	667	632
1038	Magnetic Tape Controller, 800 bpi option for 7330	4,000	26	100	94	89
1039	Extended Width Interface for 1600 bpi Controller	2,500	16	63	60	56
7332	Tape Unit; 1600 bpi, 120KB	18,500	159	435	409	387
7333	Tape Unit; 1600 bpi, 240KB	25,850	196	610	573	543
7361	Magnetic Tape Controller; 556 bpi	6,000	42	150	141	134
7362	Tape Unit; 19.7KB	19,000	133	475	447	423
7365	BCD Option	2,000	NC	50	47	46
7371	7-Channel Tape System Controller	22,000	104	550	517	490
7372	7-Channel Tape Unit; 200/556/800 bpi, 15/41.7/60 KB	27,000	196	675	635	601
7374	Binary Packing Option	3,200	NC	80	76	72
OTHER INPUT/OUTPUT UNITS						
7121	Card Reader (including control); 200 cpm	8,800	55	220	207	196
7122	Card Reader (including control); 400 cpm	16,000	127	400	376	356
7140	Card Reader (including control); 1500 cpm	24,000	191	600	564	534
7160	Card Punch (including control); 300 cpm	32,000	265	800	752	712
7165	Card Punch (including control); 100 cpm	19,600	140	490	461	437
7440	Buffered Line (drum) Printer; 628 lpm, 132 positions	35,000	265	875	823	779
7441	Buffered Line (drum) Printer; 1100 lpm, 132 positions	46,000	292	1,150	1,081	1,024
7446	Buffered Line (drum) Printer; 1500 lpm, 132 positions	62,000	350	1,450	1,363	1,291
7450	Buffered Line (drum) Printer; 225 lpm, 128 positions	22,500	148	563	530	502
7060	Paper Tape Reader (7062), Punch (7063), Spooler (7064), w/Controller & Rack (7061)	12,000	90	300	282	267
7061	Paper Tape Equipment Cabinet & Controller	7,000	32	175	165	156
7062	Paper Tape Reader; 300 cps	2,000	16	50	47	46
7063	Paper Tape Punch; 120 cps	2,500	27	63	60	57
7064	Paper Tape Spooler	1,500	11	38	36	34
7530	Incremental Graph Plotter (11-inch)	13,000	80	325	306	290
7531	Incremental Graph Plotter (30-inch)	22,000	106	550	517	490
7534	Graph Plotter Controller (For 7530 or 7531)	8,400	47	210	198	187
COMMUNICATION CONTROLS						
7601	Data Set Controller	7,000	36	175	165	156
7602	Full Duplex Feature (for 7601)	800	0	20	19	18
7603	Automatic Dialing Feature (for 7601)	800	0	20	10	18
7604	Local Batch Terminal Controller	8,400	36	210	198	187
7605	Procedure-Oriented Data Set Controller	9,500	50	238	224	212

*Rental prices include monthly maintenance charges.

Xerox Sigma Series

		Purchase Price	Monthly Maint.	Rental (1-year lease)*	Rental (4-year lease)*	Rental (6-year lease)*
COMMUNICATION CONROLS (Continued)						
7611	Character-Oriented Communications Subsystem (for up to 64 simultaneous remote devices)	10,500	47	263	248	235
7612	Timing Module for 7615/7616 (a maximum of 5 may be connected to a 7611)	250	0	6	6	6
7613	Line Interface Unit (a maximum of 7 may be connected to a 7611 for up to 64 lines)	1,000	0	25	24	23
7615	Formatted Send Module (one per 7611 line)	250	2	6	6	6
7616	Formatted Receive Module (one per 7611 line)	250	2	6	6	6
7623	DC Power Supply (for 7611)	1,000	5	25	24	23
7618	Automatic Dialing Unit (controls 1 Bell System 800 Series Automatic Call Unit)	5,500	42	138	130	123
7619	Additional Dialing Position (up to 15 may be added to a 7618 for a total of 16 dialers)	500	0	13	13	12
7630	Communications Controller Plus 8 Lines	14,000	47	350	329	312
7631	8-Line Expansion Unit	5,800	31	145	137	130
7650	Channel Interface Unit for inter-processor data transmission	7,500	52	188	177	168

*Rental prices include monthly maintenance charges.

SOFTWARE PRICES

Program Product	Monthly Use Fee	Prepaid Use Fee
SL-1	200	10,000
FMPS	Not avail.	15,000
GAMMA III	Not avail.	7,500
GPDS	72	3,600
CIRC-DC	78	3,900
CIRC-AC	24	1,200
CIRC-TR	59	2,950
ACES (Administrative and Classroom Education System):		
Control Program	30	1,500
Financial Accounting	17	850
Payroll and Personnel	33	1,650
Stores Inventory	17	850
Accounts Payable	33	1,650
Student Work Continuation Program	50	2,500
Attendance Accounting	16	800
Student Scheduling	16	800
Mark Reporting, Education Planning, and Guidance Reporting	26	1,300
Test Reporting	32	1,600