IBM 4300 Series

EQUIPMENT PRICES

	Purchase Price	Monthly Maint.	Monthly Rental Charge*	Monthly Lease Charge (2-Year Lease)*
PROCESSORS AND UPGRADES				
4321 J11 — Processor with 1,048,576 bytes of main memory, one DASD Adapter, one 8809 Magnetic Tape Unit Adapter, one Display/Printer Adapter, one Communications Adapter, one Communications Adapter Base	$ 64,000	$281.50	$4,455	$ —
4331 J11 — Processor with 1,048,576 bytes of main memory, 4K-byte buffer, one byte and one block multiplexer channel, one DASD Adapter, one 8809 Magnetic Tape Unit Adapter, one Display/Printer Adapter, one Communications Adapter Base	82,420	335.00	5,176	4,405
4331 K11 — Same as 4331 J11, but with 2,097,152 bytes of main memory	89,920	361.00	5,734	4,880
4331 L11 — Same as 4331 J11, but with 4,194,304 bytes of main memory	104,920	413.00	6,850	5,830
4331 J2 — Processor with 1,048,576 bytes of main memory and 8K-byte buffer	82,500	327.00	6,275	5,340
4331 K2 — Same as 4331 J2, but with 2,097,152 bytes of main memory	90,000	353.00	6,833	5,815
4331 KJ2 — Same as 4331 J2, but with 3,145,738 bytes of main memory	97,500	379.00	7,391	6,290
4331 L2 — Same as 4331 J2, but with 4,194,304 bytes of main memory	105,000	405.00	7,949	6,765
4341 J9 — Processor with 1,048,576 bytes of main memory and 2K-byte buffer	81,000	388.00	6,345	5,400
4341 K9 — Same as 4341 J9, but with 2,097,152 bytes of main memory	88,500	414.00	6,903	5,875
4341 L9 — Same as 4341 J9, but with 4,194,304 bytes of main memory	103,500	466.00	8,019	6,825
4341 K10 — Processor with 2,097,152 bytes of main memory and 4K-byte buffer	142,500	518.00	9,241	7,865
4341 L10 — Same as 4341 K10, but with 4,194,304 bytes of main memory	157,500	570.00	10,446	8,890
4341 K1 — Processor with 2,097,152 bytes of main memory and 8K-byte buffer	184,500	541.00	10,505	8,940
4341 L1 — Same as 4341 K1, but with 4,194,304 bytes of main memory	199,500	593.00	11,709	9,965
4341 K11 — Processor with 2,097,152 bytes of main memory and 8K-byte buffer	211,200	675.00	13,113	11,160
4341 L11 — Same as 4341 K11, but with 4,194,304 bytes of main memory	226,200	727.00	14,323	12,190
4341 M11 — Same as 4341 K11, but with 8,388,608 bytes of main memory	256,200	831.00	16,732	14,240
4341 K2 — Processor with 2,097,152 bytes of main memory and 16K-byte buffer	297,000	791.00	15,816	13,460
4341 L2 — Same as 4341 K2, but with 4,194,304 bytes of main memory	312,000	843.00	17,026	14,490
4341 M2 — Same as 4341 K2, but with 8,388,608 bytes of main memory	342,000	947.00	19,435	16,540
4341 N2 — Same as 4341 K2, but with 12,582,912 bytes of main memory	372,000	1,050.00	21,843	18,590
4341 P2 — Same as 4341 K2, but with 16,777,216 bytes of main memory	402,000	1,155.00	24,252	20,640
4341 K12 — Processor with 2,097,152 bytes of main memory and 16K-byte buffer	316,800	900.00	17,625	15,000
4341 L12 — Same as 4341 K12, but with 4,194,304 bytes of main memory	331,800	952.00	18,741	15,950
4341 M12 — Same as 4341 K12, but with 8,388,608 bytes of main memory	361,800	1,055.00	20,973	17,850
4341 N12 — Same as 4341 K12, but with 12,582,912 bytes of main memory	391,800	1,160.00	23,205	19,750
4341 P12 — Same as 4341 K12, but with 16,777,216 bytes of main memory	421,800	1,265.00	25,437	21,650
4361 K4 — Processor with 2,097,152 bytes of main memory and 8K-byte buffer	150,000	490.00	8,500	—
4361 L4 — Same as 4361 K4, but with 4,194,304 bytes of main memory	165,000	542.00	9,616	—
4361 LK4 — Same as 4361 K4, but with 6,291,456 bytes of main memory	185,000	594.00	10,732	—
4361 M4 — Same as 4361 K4, but with 8,388,608 bytes of main memory	200,000	646.00	11,848	—
4361 ML4 — Same as 4361 K4, but with 12,852,912 bytes of main memory	230,000	750.00	14,080	—
4361 K5 — Processor with 2,097,152 bytes of main memory and 16K-byte buffer	200,000	590.00	11,300	—
4361 L5 — Same as K5, but with 4,194,304 bytes of main memory	215,000	642.00	12,416	—
4361 LK5 — Same as K5, but with 6,291,456 bytes of main memory	230,000	694.00	13,532	—
4361 M5 — Same as K5, but with 8,388,608 bytes of main memory	245,000	746.00	14,648	—
4361 ML5 — Same as K5, but with 12,582,912 bytes of main memory	275,000	850.00	16,880	—
4381 L1 — Processor with 4,194,304 bytes of main memory and 8K-byte buffer	370,000	564.00	24,665	—
4381 M1 — Same as L1, but with 8,388,608 bytes of main memory	410,000	614.00	27,330	—
4381 P1 — Same as L1, but with 16,777,216 bytes of main memory	490,000	714.00	32,660	—
4381 L2 — Processor with 4,194,304 bytes of main memory and 32-byte buffer	500,000	672.00	33,330	—
4381 M2 — Same as L2, but with 8,388,608 bytes of main memory	540,000	722.00	35,995	—
4381 P2 — Same as L2, but with 16,777,216 bytes of main memory	620,000	822.00	41,325	—

*Rental/lease prices include equipment maintenance.

IBM 4300 Series

EQUIPMENT PRICES

	Purchase Price	Monthly Maint.	Monthly Rental Charge*	Monthly Lease Charge (2-Year Lease)*
System upgrades:				
4321 to 4331 J11	24,650	—	—	—
4321 to 4331 K11	40,350	—	—	—
4321 J11 to 4331 J2	40,000	—	—	—
4321 J11 to 4331 K2	47,500	—	—	—
4321 J11 to 4331 KJ2	55,000	—	—	—
4321 J11 to 4331 L2	62,500	—	—	—
4331 I1 to 4331 J11***	33,750	—	—	—
4331 I1 to 4331 K11***	41,250	—	—	—
4331 I1 to 4331 L11***	56,250	—	—	—
4331 J1 to 4331 J11***	33,865	—	—	—
4331 J1 to 4331 K11***	37,500	—	—	—
4331 J1 to 4331 L11***	52,500	—	—	—
4331 I1 to 4331 J1***	3,750	—	—	—
4331 I1 to 4331 J2***	45,000	—	—	—
4331 I1 to 4331 K2***	51,250	—	—	—
4331 I1 to 4331 KJ2***	58,750	—	—	—
4331 I1 to 4331 L2***	66,250	—	—	—
4331 I1 to 4361 K5****	134,590	—	—	—
4331 I1 to 4361 L5****	149,590	—	—	—
4331 I1 to 4361 LK5****	164,590	—	—	—
4331 I1 to 4361 M5****	179,590	—	—	—
4331 I1 to 4361 ML5****	209,590	—	—	—
4331 J1 to 4331 J2***	43,865	—	—	—
4331 J1 to 4331 K2***	47,500	—	—	—
4331 J1 to 4331 KJ2***	55,000	—	—	—
4331 J1 to 4331 L2***	62,500	—	—	—
4331 J1 to 4361 K5****	130,840	—	—	—
4331 J1 to 4361 L5****	145,840	—	—	—
4331 J1 to 4361 LK5****	160,840	—	—	—
4331 J1 to 4361 M5****	175,840	—	—	—
4331 J1 to 4361 ML5****	205,840	—	—	—
4331 J11 to 4331 K11	7,500	—	—	—
4331 J11 to 4331 K11	30,000	—	—	—
4331 J11 to 4331 J2	16,465	—	—	—
4331 J11 to 4331 K2	23,965	—	—	—
4331 J11 to 4331 KJ2	31,465	—	—	—
4331 J11 to 4331 L2	38,965	—	—	—
4331 J11 to 4331 L11	22,500	—	—	—
4331 J11 to 4361 K5****	130,840	—	—	—
4331 J11 to 4361 L5****	145,840	—	—	—
4331 J11 to 4361 LK5****	160,840	—	—	—
4331 J11 to 4361 M5****	175,840	—	—	—
4331 J11 to 4361 ML5****	205,840	—	—	—
4331 K11 to 4331 K2	16,465	—	—	—
4331 K11 to 4331 KJ2	23,965	—	—	—
4331 K11 to 4331 L2	31,465	—	—	—
4331 K11 to 4331 L11	15,000	—	—	—
4331 K11 to 4361 K5****	123,340	—	—	—
4331 K11 to 4361 L5****	138,340	—	—	—

*Rental/lease prices include equipment maintenance.
**Requires Feature 1901 if not already installed.
***Standard features of the 4361 which are optional on the 4331 must already be installed.

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IBM 4300 Series

EQUIPMENT PRICES

System upgrades:	Purchase Price	Monthly Maint.	Monthly Rental Charge*	Monthly Lease Charge (2-Year Lease)*
4331 K11 to 4361 LK5****	153,340	—	—	—
4331 K11 to 4361 M5****	168,340	—	—	—
4331 K11 to 4361 ML5****	193,340	—	—	—
4331 L11 to 4331 L2	16,465	—	—	—
4331 L11 to 4361 L5****	123,340	—	—	—
4331 L11 to 4361 LK5****	138,340	—	—	—
4331 L11 to 4361 M5****	153,340	—	—	—
4331 L11 to 4361 ML5****	183,340	—	—	—
4331 J2 to 4331 K2	7,500	—	—	—
4331 J2 to 4331 KJ2	15,000	—	—	—
4331 J2 to 4331 L2	22,500	—	—	—
4331 J2 to 4361 K5****	117,500	—	—	—
4331 J2 to 4361 L5****	132,500	—	—	—
4331 J2 to 4361 LK5****	147,500	—	—	—
4331 J2 to 4361 M5****	162,500	—	—	—
4331 J2 to 4361 ML5****	192,500	—	—	—
4331 K2 to 4331 KJ2	7,500	—	—	—
4331 K2 to 4331 L2	15,000	—	—	—
4331 K2 to 4361 K5****	110,000	—	—	—
4331 K2 to 4361 L5****	125,000	—	—	—
4331 K2 to 4361 LK5****	140,000	—	—	—
4331 K2 to 4361 M5****	155,000	—	—	—
4331 K2 to 4361 ML5****	185,000	—	—	—
4331 KJ2 to 4331 L2	7,500	—	—	—
4331 KJ2 to 4361 L5****	117,500	—	—	—
4331 KJ2 to 4361 LK5****	132,500	—	—	—
4331 KJ2 to 4361 M5****	147,500	—	—	—
4331 KJ2 to 4361 ML5****	177,500	—	—	—
4331 L2 to 4361 L5****	110,000	—	—	—
4331 L2 to 4361 LK5****	125,000	—	—	—
4331 L2 to 4361 M5****	140,000	—	—	—
4331 L2 to 4361 ML5****	170,000	—	—	—
4341 J9 to 4341 K9	7,500	—	—	—
4341 J9 to 4341 L9	22,500	—	—	—
4341 J9 to 4341 K10	61,500	—	—	—
4341 J9 to 4341 L10	76,500	—	—	—
4341 K9 to 4341 L9	15,000	—	—	—
4341 K9 to 4341 K10	54,000	—	—	—
4341 K9 to 4341 L10	69,000	—	—	—
4341 L9 to 4341 L10	54,000	—	—	—
4341 K10 to 4341 L10**	15,000	—	—	—
4341 K10 to 4341 K11**	50,910	—	—	—
4341 K10 to 4341 L11**	65,910	—	—	—
4341 K10 to 4341 M11**	95,910	—	—	—
4341 L10 to 4341 L11**	50,910	—	—	—
4341 L10 to 4341 M11**	80,910	—	—	—
4341 K10 to 4341 K12**	156,510	—	—	—
4341 K10 to 4341 L12**	171,510	—	—	—

*Rental/lease prices include equipment maintenance.
**Requires Feature 1901 if not already installed.
***Standard features of the 4361 which are optional on the 4331 must already be installed.

IBM 4300 Series

EQUIPMENT PRICES

	Purchase Price	Monthly Maint.	Monthly Rental Charge*	Monthly Lease Charge (2-Year Lease)*
4341 K10 to 4341 M12**	201,510	—	—	—
4341 K10 to 4341 N12**	231,510	—	—	—
4341 K10 to 4341 P12***	261,510	—	—	—
4341 L10 to 4341 L12**	156,510	—	—	—
4341 L10 to 4341 M12**	186,510	—	—	—
4341 L10 to 4341 N12**	216,510	—	—	—
4341 L10 to 4341 P12**	246,510	—	—	—
4341 K1 to 4341 L1**	15,000	—	—	—
4341 K1 to 4341 K11**	28,910	—	—	—
4341 K1 to 4341 L11**	43,910	—	—	—
4341 K1 to 4341 M11**	73,910	—	—	—
4341 L1 to 4341 L11**	28,910	—	—	—
4341 L1 to 4341 M11**	58,910	—	—	—
4341 K1 to 4341 K2**	94,710	—	—	—
4341 K1 to 4341 L2**	109,710	—	—	—
4341 K1 to 4341 M2**	139,710	—	—	—
4341 K1 to 4341 N2**	169,710	—	—	—
4341 K1 to 4341 P2**	199,710	—	—	—
4341 L1 to 4341 L2**	94,710	—	—	—
4341 L1 to 4341 M2**	124,710	—	—	—
4341 L1 to 4341 N2*	154,710	—	—	—
4341 L1 to 4341 P2**	184,710	—	—	—
4341 K1 to 4341 K12**	114,510	—	—	—
4341 K1 to 4341 L12**	129,510	—	—	—
4341 K1 to 4341 M12**	159,510	—	—	—
4341 K1 to 4341 N12**	189,510	—	—	—
4341 K1 to 4341 P12**	219,510	—	—	—
4341 L1 to 4341 L12**	114,510	—	—	—
4341 L1 to 4341 M12**	144,510	—	—	—
4341 L1 to 4341 N12**	174,510	—	—	—
4341 L1 to 4341 P12**	204,510	—	—	—
4341 K11 to 4341 L11	15,000	—	—	—
4341 K11 to 4341 M11	45,000	—	—	—
4341 L11 to 4341 M11	30,000	—	—	—
4341 K11 to 4341 K2	84,000	—	—	—
4341 K11 to 4341 L2	115,400	—	—	—
4341 K11 to 4341 K12	105,600	—	—	—
4341 K11 to 4341 L12	120,600	—	—	—
4341 K11 to 4341 M12	150,600	—	—	—
4341 K11 to 4341 N12	180,600	—	—	—
4341 K11 to 4341 P12	210,600	—	—	—
4341 L11 to 4341 L12	105,600	—	—	—
4341 L11 to 4341 M12	135,600	—	—	—
4341 L11 to 4341 N12	165,600	—	—	—
4341 L11 to 4341 P12	195,600	—	—	—
4341 M11 to 4341 M12	105,600	—	—	—
4341 M11 to 4341 N12	135,600	—	—	—
4341 M11 to 4341 P12	165,600	—	—	—

*Rental/lease prices include equipment maintenance.
**Requires Feature 1870 if not already installed.

NOVEMBER 1983

IBM 4300 Series

EQUIPMENT PRICES

	Purchase Price	Monthly Maint.	Monthly Rental Charge*	Monthly Lease Charge (2-Year Lease)*
System upgrades:				
4341 K11 to 4341 M2	178,200	—	—	—
4341 K11 to 4341 N2	241,000	—	—	—
4341 K11 to 4341 P2	303,800	—	—	—
4341 L11 to 4341 L2	84,000	—	—	—
4341 L11 to 4341 M2	146,800	—	—	—
4341 L11 to 4341 N2	209,600	—	—	—
4341 L11 to 4341 P2	272,400	—	—	—
4341 M11 to 4341 M2	84,000	—	—	—
4341 M11 to 4341 N2	146,800	—	—	—
4341 M11 to 4341 P2	209,600	—	—	—
4341 K2 to 4341 L2	15,000	—	—	—
4341 K2 to 4341 M2	45,000	—	—	—
4341 K2 to 4341 N2	75,000	—	—	—
4341 K2 to 4341 P2	105,000	—	—	—
4341 L2 to 4341 M2	30,000	—	—	—
4341 L2 to 4341 N2	60,000	—	—	—
4341 L2 to 4341 P2	90,000	—	—	—
4341 M2 to 4341 N2	30,000	—	—	—
4341 M2 to 4341 P2	60,000	—	—	—
4341 N2 to 4341 P2	30,000	—	—	—
4341 K2 to 4341 K12	19,800	—	—	—
4341 K2 to 4341 L12	34,800	—	—	—
4341 K2 to 4341 M12	64,800	—	—	—
4341 K2 to 4341 N12	94,800	—	—	—
4341 K2 to 4341 P12	124,800	—	—	—
4341 L2 to 4341 L12	19,800	—	—	—
4341 L2 to 4341 M12	49,800	—	—	—
4341 L2 to 4341 N12	79,800	—	—	—
4341 L2 to 4341 P12	109,800	—	—	—
4341 M2 to 4341 M12	19,800	—	—	—
4341 M2 to 4341 N12	49,800	—	—	—
4341 M2 to 4341 P12	79,800	—	—	—
4341 N2 to 4341 N12	19,800	—	—	—
4341 N2 to 4341 P12	49,800	—	—	—
4341 P2 to 4341 P12	19,800	—	—	—
4341 K12 to 4341 L12	15,000	—	—	—
4341 K12 to 4341 M12	45,000	—	—	—
4341 K12 to 4341 N12	75,000	—	—	—
4341 K12 to 4341 P12	105,000	—	—	—
4341 L12 to 4341 M12	30,000	—	—	—
4341 L12 to 4341 N12	60,000	—	—	—
4341 L12 to 4341 P12	90,000	—	—	—
4341 M12 to 4341 N12	30,000	—	—	—
4341 M12 to 4341 P12	60,000	—	—	—
4341 N12 to 4341 P12	30,000	—	—	—
4361 K4 to 4361 L4	15,000	—	—	—
4361 K4 to 4361 LK4	35,000	—	—	—
4361 K4 to 4361 M4	50,000	—	—	—
4361 K4 to 4361 ML4	80,000	—	—	—

*Rental/lease prices include equipment maintenance.

IBM 4300 Series

EQUIPMENT PRICES

	Purchase Price	Monthly Maint.	Monthly Rental Charge*	Monthly Lease Charge (2-Year Lease)*
4361 L4 to 4361 LK4	20,000	—	—	—
4361 L4 to 4361 M4	35,000	—	—	—
4361 L4 to 4361 ML4	65,000	—	—	—
4361 LK4 to 4361 M4	15,000	—	—	—
4361 LK4 to 4361 ML4	45,000	—	—	—
4361 M4 to 4361 ML4	30,000	—	—	—
4361 K4 to 4361 K5	47,335	—	—	—
4361 K4 to 4361 L5	62,335	—	—	—
4361 K4 to 4361 LK5	77,335	—	—	—
4361 K4 to 4361 M5	92,335	—	—	—
4361 K4 to 4361 ML5	122,335	—	—	—
4361 L4 to 4361 L5	47,335	—	—	—
4361 L4 to 4361 LK5	62,335	—	—	—
4361 L4 to 4361 M5	77,335	—	—	—
4361 L4 to 4361 ML5	107,335	—	—	—
4361 LK4 to 4361 LK5	42,335	—	—	—
4361 LK4 to 4361 M5	57,335	—	—	—
4361 LK4 to 4361 ML5	87,335	—	—	—
4361 M4 to 4361 M5	42,335	—	—	—
4361 M4 to 4361 ML5	72,335	—	—	—
4361 ML4 to 4361 ML5	42,335	—	—	—
4361 K5 to 4361 L5	15,000	—	—	—
4361 K5 to 4361 LK5	30,000	—	—	—
4361 K5 to 4361 M5	45,000	—	—	—
4361 K5 to 4361 ML5	75,000	—	—	—
4361 L5 to 4361 LK5	15,000	—	—	—
4361 L5 to 4361 M5	30,000	—	—	—
4361 L5 to 4361 ML5	60,000	—	—	—
4361 LK5 to 4361 M5	15,000	—	—	—
4361 LK5 to 4361 ML5	45,000	—	—	—
4361 M5 to 4361 ML5	30,000	—	—	—
4381 L1 to 4381 L2	130,000	—	—	—
4381 L1 to 4381 M1	40,000	—	—	—
4381 L1 to 4381 M2	170,000	—	—	—
4381 L1 to 4381 P1	120,000	—	—	—
4381 L1 to 4381 P1	120,000	—	—	—
4381 L1 to 4381 P2	250,000	—	—	—
4381 M1 to 4381 M2	130,000	—	—	—
4381 M1 to 4381 P1	80,000	—	—	—
4381 M1 to P2	210,000	—	—	—
4381 P1 to P2	130,000	—	—	—
4381 L2 to 4381 M2	40,000	—	—	—
4381 L2 to 4381 P2	120,000	—	—	—
4381 M2 to 4381 P2	80,000	—	—	—

*Rental/lease prices include equipment maintenance.

EQUIPMENT PRICES

	Purchase Price	Monthly Maint.	Monthly Rental Charge*	Monthly Lease Charge (2-Year Lease)*

PROCESSOR FEATURES & CHANNELS

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

Features for the 4321 and 4331:

	Purchase Price	Monthly Maint.	Monthly Rental Charge*	Monthly Lease Charge (2-Year Lease)*
5655 X.21 Adapter, nonswitched	770	2.50	29	25
9201 3370 Direct Attachment (standard on 4321-J11)	NC	NC	NC	NC
9202 3310 Direct Attachment (standard on 4321-J11)	NC	NC	NC	NC
1001 Adapter Power Prerequisite for Communications Adapter	1,815	9.50	96	82
1002 Adapter Logic Prerequisite for 5424 Adapter	3,340	18.00	177	151
1421 Block Multiplexer Channel (standard on 4331-11)	3,340	3.00	177	151
1422 Block Multiplexer Channel, Additional	3,930	3.00	168	143
1431 High-Speed Block Multiplexer Channel	4,760	3.50	275	235
1901 Control Storage Expansion	3,865	51.50	206	176
2001 Display/Printer Adapter Expansion	920	3.00	42	36
3201 DASD Adapter; for 3310/3340/3370	2,730	5.00	146	124
3202 DASD Adapter, Additional	2,730	5.00	139	118
3401 Diskette Drive; reads IBM Type 1 Diskettes	2,665	27.50	141	120
3898 External Signals; for external interrupt	225	2.00	12	10
3901 5424 Attachment	5,005	12.50	267	227
3950 1401/1440/1460 Compatibility	NC	NC	NC	NC
4910 8809 Mag Tape Unit Adapter	2,730	5.00	146	124
5248 Byte Multiplexer Channel (standard on 4331-11)	2,665	3.00	141	120
5531 Power Interface (standard on 4331-11)	1,670	2.50	88	75
5532 Power Interface, Additional	830	2.50	43	37
7851 3340/3344 Direct Attachment	NC	NC	NC	NC
7901 Direct-Access Storage Compatibility; provides 2311/2314 emulation on 3310 or 3370 DASDs and 3330 emulation on 3370 DASDs	NC	NC	NC	NC
8701 ECPS: VM/370	NC	NC	NC	NC

Features for the 4341:

	Purchase Price	Monthly Maint.	Monthly Rental Charge*	Monthly Lease Charge (2-Year Lease)*
1601 ECPS Expansion Feature (for 4341 Model Group 2 or Group 12 Processors only)	26,250	22.00	1,056	899
1850 Channel-to-channel adapter	23,150	29.00	1,545	—
1870 Optional channel group; three additional channels (for 4341 Group 1 and 10 Processors only)	35,580	12.00	2,372	—
1890 Channel control unit positions, additional	2,755	10.00	109	93
3088 Multisystem Channel Communication Unit:				
Model 1; connects to 4 processors	95,000	120	—	—
Model 1; connects to 8 processors	145,000	150	—	—
3838 Array Processor:				
Model 1; 256K bytes of bulk storage	553,600	1,810.00	25,036	22,760
Model 2; 512K bytes of bulk storage	613,150	2,180.00	30,426	27,660
Model 3; 1024K bytes of bulk storage	732,250	2,925.00	41,217	37,470

*Rental/lease prices include equipment maintenance.
NC—No Charge

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EQUIPMENT PRICES

		Purchase Price	Monthly Maint.	Monthly Rental Charge*	Monthly Lease Charge (2-Year Lease)*
Features for the 4361:					
	3701 EIA/CCITT Interface	330	3.50	15	—
	5650 DDS Adapter	770	2.50	29	—
	5655 X.21 Adapter, nonswitched	770	2.50	29	—
	5248 Byte Multiplexer Channel (Model Group 4 only)	2,665	3.00	141	—
	1020 Autocall Unit Interface	330	3.50	15	—
	1431 High-Speed Block Multiplexer Channel	4,760	3.50	275	—
	1432 High-Speed Block Multiplexer Channel, Additional	4,760	3.50	275	—
	1433 High-Speed Block Multiplexer Channel, Additional	4,760	3.50	275	—
	3201 DASD/8809 Adapter	2,730	5.00	146	—
	3202 DASD/8809 Adapter, Additional	2,730	5.00	146	—
	3203 DASD/8809 Adapter, Additional	2,730	5.00	146	—
	3204 DASD/8809 Adapter, Additional	2,730	5.00	146	—
Features for the 4381:					
	1850 Channel-to-Channel Adapter	23,150	29	1,545	—
	1870 Block Multiplexer Channels, Additional	35,580	12.00	2,372	—
System Consoles:					
3278 2A	Display Console	2,905	18.50	118	101
3279 2C	Color Display Console	4,525	31.50	197	168
	4631 75-Key Operator Console Keyboard with channel-to-channel interface and operator control panel (for 4341)	1,085	5.50	48	41
	4632 Same as 4631 without channel-to-channel interface (for 4341)	1,010	5.50	47	40
	4633 Same as 4631 without operator control panel (for 4341)	524	5.00	21	18
	4634 Same as 4631 without channel-to-channel interface (for 4321 or 4331)	1,010	5.50	47	40
	6340 Security Keylock	35	—	—	—
MASS STORAGE					
3310	Disk Storage				
	Model A1; one drive with controller; 64.5MB	10,710	90.50	507	432
	Model A2; two drives with controller; 64.5MB each	11,570	135.00	840	716
	Model B1; one drive; 64.5MB (for attachment to Model A2)	5,510	61.00	400	341
	Model B2; two drives; 64.5MB each (for attachment to Model A2)	10,120	117.00	733	625
3330	Disk Storage:				
	Model 1; 2 drives; 200MB	33,670	178.00	2,160	1,814
	Model 2; 1 drive; 100MB	20,110	105.00	1,287	1,095
	Model 11; 2 drives; 400MB	47,920	178.00	3,085	2,591
3333	Disk Storage and Control (up to three 3330 modules can be attached):				
	Model 1; 2 drives; 200MB	42,200	199.00	2,691	2,290
	Model 11; 2 drives; 400MB	56,450	199.00	3,619	3,080
3336	Disk Pack, Model 1	775	—	—	—
3336	Disk Pack, Model 11	1,150	—	—	—

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EQUIPMENT PRICES

		Purchase Price	Monthly Maint.	Monthly Rental Charge*	Monthly Lease Charge (2-Year Lease)*
3340	Direct Access Storage Facility; 34.9 or 69.8MB per drive:				
	Model A2; Two drives plus control	8,800	116.00	1,633	1,390
	Model B1; One drive	4,730	62.00	918	781
	Model B2: Two drives	6,020	100.00	1,157	985
	4301 Fixed-Head Feature (for 3340 A2 or B2)	1,165	2.50	66	56
	4302 Fixed-Head Feature (for 3340 B1)	563	2.00	35	30
	6201 Rotational Positon Sensing (for 3340 B1)	467	1.50	28	24
	6202 Rotational Positon Sensing (for 3340 or A2 or B2)	580	1.50	36	31
	6148 Remote Switch Attachment	NC	NC	NC	NC
	8150 String Switch for 3340 A2	4,915	15.00	325	277
3344	Direct Access Storage; 279.6MB per drive:				
	Model B2; Add-on Dual Disk Drive for 3340 Direct-Access Storage Facility	14,820	115.00	1,469	1,250
	Model B2F; Add-on Dual Disk Drive for 3340 Direct-Access Storage Facility with 2MB fixed-head storage	19,460	161.00	1,921	1,635
3348	Data Module (for 3340 drives):				
	Model 35; 34.9MB	1,600	—	59	50
	Model 70; 69.8MB	2,200	—	82	70
	Model 70F; 69.8MB of which 502,080 are served by fixed heads	4,400	—	165	140
3350	Direct Access Storage; 317.5MB per drive:				
	Model A2; Dual Disk Drive	41,800	170.00	1,845	1,570
	Model A2F; Dual Disk Drive with 2MB fixed-head storage	51,910	221.00	2,291	1,950
	Model B2; Add-on Dual Disk Drive	32,940	128.00	1,469	1,250
	Model B2F; Add-on Dual Disk Drive for 2MB fixed-head storage per drive	43,250	179.00	1,921	1,635
	Model C2; Two-drive disk storage and associated control	43,030	179.00	1,921	1,635
	Model C2F; Two-drive disk storage and associated control	53,340	230.00	2,368	2,015
	1320 Primary Controller Adapter (permits selection of A2/AF controller as on-line controller via manual switch on the C2/C2F	265	1.50	14	12
	8150 String Switch for 3350 A2, A2F, C2, C2F	4,790	9.00	226	192
3830	Storage Control, Model 2; for 3330/3333, 3340/3344, or 3350 disk drives	8,120	125.00	2,465	2,071
	2150 Control Store Extension	1,860	11.50	569	478
	2151 Expanded Control Store; requires 2150	3,295	12.50	347	291
	6111 Register Expansion	109	3.50	33	28
	6148 Remote Switch Attachment	NC	NC	NC	NC
	6149 Remote Switch Attachment, Additional	NC	NC	NC	NC
	8170 Two-Channel Switch	2,290	12.50	239	201
	8171 Two-Channel Switch, Additional	2,290	12.50	239	201
3370	Direct Access Storage:				
	Model A1; Single Disk Drive; 571.3MB	36,460	126.00	1,463	1,245
	Model B1; Add-on Single Disk Drive for attachment to Model A1	25,800	94.50	976	933
	Model A2; 729.8MB; contains logic and power for up to three Model B2 units	35,460	126.00	1,900	—
	Model B2; connects to a 3370 Model A2	25,800	94.50	1,425	—
	8150 String Switch for 3370 A1	4,505	1.50	143	1,122
3375	Direct Access Storage; 819.7MB per drive:				
	Model A1; contains logic and power for up to three Model B1 units	36,040	130.00	1,463	1,245
	Model B1; connects to a 3375 Model A1	19,770	96.50	1,171	831
	Model D1; provides dual controller function in a 3375 string; requires own Model A1 and two Model B1s	36,290	120.00	1,392	1,185

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EQUIPMENT PRICES

		Purchase Price	Monthly Maint.	Monthly Rental Charge*	Monthly Lease Charge (2-Year Lease)*
	4951 Model D1 Attachment for Model A1	2,590	6.00	89	76
	4952 Model D1 Attachment for Model B1	NC	NC	NC	NC
	8150 String Switch Feature for 3375 A1	3,795	1.50	157	134
3380	Direct Access Storage; 2.52 billion bytes per unit:				
	Model A4; connects to one 3880 storage director	86,310	285.00	3,161	2,690
	Model AA4; connects to one 3880 storage director	98,640	325.00	3,613	3,075
	Model B4; connects to a Model A unit	71,600	240.00	2,620	2,230
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	66,970	176.00	2,703	2,300
	Model 2; provides one storage director for 3330/3333, 3340/3344, 3350, 3370, or 3375 storage and one for 3380 storage	66,970	176.00	2,703	2,300
	Model 3; provides two storage directors for 3380 storage	66,970	176.00	2,703	2,300
	Model 4; provides one storage director which can attach up to four 3375 Model A1s	35,000	82.50	2,055	—
	Model 11; paging subsystem for 3350	251,520	676.00	7,145	6,080
	Model B13, includes two cache storage directors for 3380; 4 megabytes	179,950	576.00	6,821	5,805
	Model D13; same as B13, but with 8 megabytes	224,300	711.00	8,713	7,415
	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	341	290
	8170 Two-Channel Switch Pair	8,140	11.00	241	205
	8171 Two-Channel Switch Pair, additional	21,720	38.50	647	551
	8172 Eight-Channel Switch	29,870	53.50	894	761

MASS STORAGE UPGRADES

		Purchase Price	Monthly Maint.	Monthly Rental Charge*	Monthly Lease Charge (2-Year Lease)*
3344	B2 to 3344 B2F	7,440	—	—	—
3375	B1 to 3375 D1	7,520	—	—	—

MAGNETIC TAPE EQUIPMENT

		Purchase Price	Monthly Maint.	Monthly Rental Charge*	Monthly Lease Charge (2-Year Lease)*
3410	Magnetic Tape Unit:				
	Model 1; 20,000 bytes/sec.	3,365	105	285	239
	Model 2; 40,000/20,000 bytes/sec.	4,365	116	378	318
	Model 3; 80,000/40,000 bytes/sec.	5,365	128	476	399
3411	Magnetic Tape Unit and Control:				
	Model 1; 20,00 bytes/sec.	7,910	162.00	633	532
	Model 2; 40,00/20,000 bytes/sec. (not in new production)	9,910	174.00	805	676
	Model 3; 80,000/40,000 bytes/sec. (not in new production)	11,910	184.00	978	822
	3211 Single Density Feature (for 3410 & 3411)	1,140	14.00	82	69
	3221 Dual Density Feature (for 3410 & 3411)	2,185	49.00	122	102
	7360 System/360/370 Attachment (required on 3411)	1,950	34.00	228	192
3420	Magnetic Tape Units:				
	Model 3; 120,00 bytes/sec. at 1600 bpi; 75 ips	14,910	193.00	567	476
	Model 4; 470,000 bytes/sec. at 6250 bpi; 75 ips	19,170	193.00	793	666
	Model 5; 200,000 bytes/sec. at 1600 bpi; 125 ips	19,990	211.00	764	642
	Model 6; 780,000 bytes/sec. at 6250 bpi; 125 ips	22,390	211.00	917	770
	Model 7; 320,000 bytes/sec. at 1600 bpi; 200 ips	22,400	253.00	905	760
	Model 8; 1,250 bytes/sec. at 6250 bpi; 200 ips	24,840	311.00	1,085	911

*Rental/lease prices include equipment maintenance.

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EQUIPMENT PRICES

		Purchase Price	Monthly Maint.	Monthly Rental Charge*	Monthly Lease Charge (2-Year Lease)*
	6420 6250 bpi Density Feature (for 3420 Models 4, 6, and 8)	2,000	58.50	78	66
	6425 6250/1600 bpi Density Feature (for 3420 Models 4, 6, and 8)	2,755	77.00	113	95
	6631 Single Density Feature (for Models 3, 5, and 7)	3,585	58.00	132	111
	3550 Dual Density Feature (for Models 3, 5, and 7)	4,630	89.50	160	134
	6407 7-Track Feature (for Models 3, 5, and 7)	3,585	78.00	123	103
3430	Magnetic Tape Subsystem				
	Model A1; Tape Unit and Control	33,400	235	1,905	—
	Model B1; Tape Unit Only	16,900	165	1,010	—
3803	Tape Controller:				
	Model 1; for 3420 Model 3, 5, and 7 drives	25,840	120.00	916	769
	Model 2; for 3420 Model 3 through 8 drives	34,430	165.00	1,330	1,117
	5310 9-Track NRZI Feature (permits connection of 800-bpi drives to 3803-2)	3,850	1.50	129	108
	6320 7-track NRZI Feature (permits connection of 800-bpi drives to 3803-2; 5310 is prerequisite)	1,890	1.50	64	54
	Multiple Tape Control Switches (for switching up to sixteen 3420 tape drives between up to four 3803 control units):				
	1792 For 2 Tape Controls	7,660	13.00	287	241
	1793 For 3 Tape Controls	9,775	20.50	372	312
	1794 For 4 Tape Controls	11,490	20.50	436	366
	3551 Dual Density Feature (for 3803-1)	2,870	3.50	105	88
	6148 Remote Switch Attachment	1,135	NC	42	35
	6408 7-Track Feature (for 3803-1)	2,870	3.50	105	88
	8100 Two-Channel Switch	5,745	6.50	214	180
8809	Magnetic Tape Unit:				
	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	82.50	680	491
	Model 2; second, fourth, or sixth drive; attaches to Model 1A or 3	10,610	74.50	605	384
	Model 3; third or fifth drive; attaches to Model 2	11,960	82.50	680	431

DISKETTE EQUIPMENT

3540	Diskette Input/Output Unit:				
	Model B1; one drive; 242.9KB	27,520	80.50	1,105	940
	Model B2; two drives	41,910	111.00	1,651	1,405

PUNCHED CARD EQUIPMENT

1442	Card Read Punch (with control), Model N1; 400/91 cpm	24,040	352.00	1,075	—
2501	Card Reader (with control):				
	Model B1; 600 cpm	19,610	152.00	545	—
	Model B2; 1000 cpm	19,920	166.00	671	—
2520	Card Punch (with control):				
	Model B2; 500 cpm	47,340	688.00	1,700	—
	Model B3; 300 cpm	46,950	509.00	1,310	—
2821	Control Unit:				
	Model 1; one 2540 and one 1403 printer	45,850	118.00	1,675	1,407
	Model 5; for one 2540 and two 1403's	71,050	207.00	2,730	2,293
	Model 6; for one 2540 only	18,980	299.00	770	647
	8100 Two-Channel Switch	9,895	19.50	344	289
	8637 Universal Character Set Adapter	718	6.50	21	18
3505	Card Reader:				
	Model B1; 800 cpm	36,080	267.00	1,185	—
	Model B2; 1200 cpm	37,270	364.00	1,400	—

*Rental/lease prices include equipment maintenance.

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EQUIPMENT PRICES

		Purchase Price	Monthly Maint.	Monthly Rental Charge*	Monthly Lease Charge (2-Year Lease)*
	5450 Optical Mark Read	10,130	99.00	349	—
	6555 Selective Stacker	2,845	14.00	89	—
	8103 3525 Punch Adapter	6,370	8.00	207	—
	8105 3525 Read/Punch Adapter	7,010	10.00	259	—
	8100 3525 Card Print Control	3,810	10.00	114	—
3525	Card Punch:				
	Model P1; 100 cpm	25,520	173.00	840	—
	Model P2; 200 cpm	26,520	234.00	1,065	—
	Model P3; 300 cpm	27,520	292.00	1,275	—
	1533 Card Read Feature	7,645	43.50	248	—
	1421 Basic Card Print	16,750	172.00	543	—
	5273 Multi-Line Card Print	1,365	50.00	146	—
	8339 Two-Line Card Print	874	7.50	23	—
5424	Multi-Function Card Unit, 96 col.:				
	Model A1; 60 cpm	8.950	312.00	610	—
	Model A2; 120 cpm	11,840	469.00	921	—
	6510 4331 Attachment	2,670	6.50	65	—

PRINTERS

		Purchase Price	Monthly Maint.	Monthly Rental Charge*	Monthly Lease Charge (2-Year Lease)*
1403	Printer:				
	Model N1; 1100 lpm; 132 print positions	40,040	687.00	1,555	1,306
	1416 Interchangeable Train Cartridge (required for 1403 N1)	2,930	—	144	—
	4740 Interchangeable Train Cartridge Adapter (for 1403-2 or -7)	2,030	NC	99	83
	8640 Universal Character Set Feature (for 1403 N1)	447	4.00	14	12
	8641 Universal Character Set Feature (for 1403-2)	313	4.00	14	12
2821	Control Unit:				
	Model 1; one 2540 card unit and one 1403 printer	43,850	118.00	1,675	1,407
	Model 2; for one 1403	27,190	89.50	1,050	882
	Model 3; for two 1403s	54,270	183.00	2,095	1,760
	Model 5; for one 2540 and two 1403s	71,050	207.00	2,730	2,293
	3615 1100 lpm Printer Adapter (fro 2821; required for 1403 N1)	2,815	3.00	123	103
	7945 Third Printer Control (for 2821 Model 3 or 5)	22,560	15.50	878	738
	8100 Two-Channel Switch	9,895	19.50	344	289
	8637 Universal Character Set Adapter	718	6.50	21	18
3203	Printer, Model 5; 1200 lpm, 132 print positions	33,875	410.00	2,015	1,715
	1416 Interchangeable Train Cartridge (required)	2,930	—	144	—
3211	Printer; 200 lpm, 132 print positions	40,080	890.00	2,610	2,192
	3216 Interchangeable Train Cartridge	11,600	179.00	574	—
	5554 18 Additional Print Positions	2,150	15.50	81	68
3811	Control Unit for 3211 Printer	17,685	115.00	1,150	966
	5553 18 Additional Print Positions	789	5.00	27	23
3262	Line Printer:				
	Model 1; 650 lpm	15,040	180.000	595	506
	Model 5 (attachment to virtual storage processors)	17,000	180.00	823	700
	Model 11; 325 lpm	12,620	132.00	437	372
3268	Model 2	7,500	—	—	—
	5951 0.079-inch char. height	NC	NC	NC	NC
	5950 0.095-inch char. height	NC	NC	NC	NC
	5940 48-char. EBCDIC Set	186	—	—	—

*Rental/lease prices include equipment maintenance.

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EQUIPMENT PRICES

		Purchase Price	Monthly Maint.	Monthly Rental Charge*	Monthly Lease Charge (2-Year Lease)*
	5944 64-char. EBCDIC Set	186	—	—	—
	5946 64-char. EBCDIC Set (optimized)	186	—	—	—
	5948 96-char. EBCDIC Set	186	—	—	—
	5961 128-char. text EBCDIC (Model 5 only)	—	—	—	—
	5980 48-char. International	—	—	—	—
	5988 96-char. International	—	—	—	—
3287	Serial Printer:				
	Model 1; 80 cps	5,365	37.50	257	219
	Model 2; 120 cps	5,720	46.50	314	267
	Model 1C; 4 colors; 80 cps	5,790	42.50	318	271
	Model 2C; 4 colors; 120 cps	6,145	51.50	374	318
	1120 APL/Text	183	0.50	6	5
	3610 Extended Character Set Adapter	477	3.00	20	17
	3880 Extended Print Buffer	220	0.50	7	6
	4110 Friction Feed Paper Handling	168	0.50	6	5
	8330 3271/3272 Attachment for Models 1 and 2	955	2.50	46	39
	8331 3274/3276 Attachment for Models 1 and 2	183	0.50	6	5
	8700 Variable-Width Forms Tractor	168	0.50	6	5
3289	Line Printer, Model 4; 230 to 400 lpm	13,140	161.00	868	739
	5821 48-chr. EBCDIC print belt	160	—	—	—
	5822 64-char. EBCDIC print belt	160	—	—	—
	5823 94-char. EBCDIC print belt	160	—	—	—
3800	Printing Subsystem; up to 20,040 lpm	373,150	938.00	10,693	9,100
	5401 Additional Character Generation Storage	4,475	26.50	114	97
	8170 Two-Channel Switch	9,790	20.50	305	260
	1490 Burster-Trimmer-Stacker	56,280	250.00	1,598	1,360
	7810 Tape to Print Subsystem Feature	12,030	46.50	424	361
4250	Non-impact printer, Model 1; 600 x 600 dots per square inch	21,000	155	1,205	—

OPTICAL AND MAGNETIC READERS

		Purchase Price	Monthly Maint.	Monthly Rental Charge*	Monthly Lease Charge (2-Year Lease)*
1255	Magnetic Character Reader:				
	Model 1; 500 dpm, 6 stackers	41,040	375.00	1,405	—
	Model 2; 750 dpm, 6 stackers	46,970	601.00	1,720	—
	Model 3; 750 dpm, 12 stackers	63,960	791.00	2,265	—
	3215 Dash Symbol Transmission (for 1255 or 1419)	35	NC	56	—
	4380 51-Column Card Sorting (for 1255 or 1419)	661	NC	17	—
	4520 High-Order Zero and Bank Selection (for 1255 Model 3 only)	1,515	7.00	50	—
	7060 Self-Checking Numbers (for 1255)	2,465	3.50	82	—
	6360 System/360/370 Adapter (required on 1255)	22,910	55.00	793	—
1287	Optical Reader:				
	Model 1; reads documents only	108,450	1,650	4,580	—
	Model 3; reads documents only	163,550	2,370.00	7,080	—
	Model 5; reads handprinted digits from documents only	120,650	2,395.00	5,760	—
	3945 Farrington 7B Font	968	3.00	40	—
	4470 1428 and ANSCS OCR Font	968	3.00	40	—
	5300 NCR Optical Type Font	3,885	8.50	160	—
	5370 Numeric Handwriting	31,140	103.00	1,300	—
	5479 Optical Mark Reading	3,885	8.00	160	—
1288	Optical Page Reader	198,600	1,700.00	7,475	—
	3850 Expanded Symbol Set	2,710	5.00	113	—
	5370 Numeric Handwriting	46,710	103.00	1,635	—

*Rental/lease prices include equipment maintenance.

IBM 4300 Series

EQUIPMENT PRICES

		Purchase Price	Monthly Maint.	Monthly Rental Charge*	Monthly Lease Charge (2-Year Lease)*
	5479 Optical Mark Reading	4,575	8.00	160	—
	6550 Serial Numbering (for 1288 or 1287)	11,100	90.00	488	—
1419	Magnetic Character Reader; 1600 dpm	145,950	802.00	3,580	—
	7061 Self-Checking Number, Modulus 10	2,560	4.50	61	—
	7062 Self-Checking Number, Modulus 11	3,950	7.50	100	—
3881	Optical Mark Reader:				
	Model 1; for on-line use	62,420	258.00	2,344	1,995
	Model 2; for off-line use with 3410 Model 1 Magnetic Tape Unit	56,860	205.00	2,127	1,810
	Model 3; on-line use with IBM Diskette Unit	72,800	245.00	2,585	2,200
	1471 BCD Read	2,600	3.50	92	78
	3450 Document Counters	1,030	4.00	29	25
	3550 Dual Density (for Model 2 only)	6,565	2.50	241	205
	3801 Expanded Storage	2,600	2.50	92	78
	6451 Serial Numbering	7,680	46.00	282	240
3886	Optical Character Reader:				
	Model 1; on-line	101,500	536.00	4,060	3,455
	Model 2; off-line	109,200	536.00	4,365	3,715
	3210 Additional Data Storage	1,020	1.00	38	32
	4520 Additional Hopper and Stacker Capacity	8,235	28.00	323	275
	4610 Additional Instruction Storage	5,120	12.00	201	171
	4720 Line Marking	5,680	12.00	219	186
	5340 Numbering/Marking Adapter	1,545	1.00	51	43
	5360 Numeric Handprinting	6,685	32.50	260	221
	6450 Serial Numbering	8,235	28.00	323	275
2890	Document Processor; Model A has 13K bytes, Model B has 29K bytes of memory:				
	Model A1; 6 pockets	280,350	400.00	7,473	6,360
	Model A2; 12 pockets	327,300	481.00	8,666	7,375
	Model A3; 18 pockets	374,250	559.00	9,858	8,390
	Model A4; 24 pockets	421,200	514.00	11,045	9,400
	Model A5; 30 pockets	468,150	714.00	12,244	10,420
	Model A6; 36 pockets	515,100	794.00	13,419	11,420
	Model B1; 6 pockets	328,400	488.00	9,306	7,920
	Model B2; 12 pockets	375,350	569.00	10,487	8,925
	Model B3; 18 pockets	422,300	645.00	11,680	9,940
	Model B4; 24 pockets	469,250	726.00	12,878	10,960
	Model B5; 30 pockets	516,200	803.00	14,053	11,960
	Model B6; 36 pockets	563,150	880.00	15,252	12,980

SYSTEM MANAGEMENT

		Purchase Price	Monthly Maint.	Monthly Rental Charge*	Monthly Lease Charge (2-Year Lease)*
3814	Switching Management System (requires one Model A):				
	Model A1; Cotroller; 4x4 switch	47,480	124.00	2,138	1,710
	Model A2; Controller; 4x8 switch	60,420	161.00	2,719	2,175
	Model A3; Controller; 8x4 switch	64,740	158.00	2,919	2,335
	Model A4; Controller; two 4x4 switches	69,570	173.00	3,138	2,510
	Model B1; Remote Unit; 4x4 switch	39,710	84.00	1,788	1,430
	Model B2; Remote Unit; 4x8 switch	52,660	122.00	2,369	1,895
	Model B3; Remote Unit; 8x4 switch	56,970	118.00	2,569	2,055
	Model B4; Remote Unit; two 4x4 switches	61,800	133.00	2,781	2,225
	Model C1; Expansion Unit; 4x4 switch	37,980	81.00	1,706	1,365
	Model C2; Expansion Unit; 4x8 switch	50,930	119.00	2,288	1,830
	Model C3; Expansion Unit; 8x4 switch	55,240	115.00	2,488	1,990
	Model C4; Expansion Unit; two 4x4 switches	60,070	130.00	2,706	2,165
	3604 Keyboard/Display, Model 6, one required	1,745	12.50	—	83
	1520 Channel Expansion Internal—4 Control Unit Interfaces	1,550	1.00	70	56
	1521 Channel Expansion Internal—8 Control Unit Interfaces	3,100	1.00	138	110
	1530 Channel Expansion External	5,350	1.00	221	177

*Rental/lease prices include equipment maintenance.

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EQUIPMENT PRICES

	Purchase Price	Monthly Maint.	Monthly Rental Charge*	Monthly Lease Charge (2-Year Lease)*
1810 Control Unit Power Sequencing	518	1.00	21	17
6010 Remote Two-Channel Switch Control—Basic	5,180	17.00	231	185
6011 Remote Two-Channel Switch Control—Additional	2,415	13.00	109	87
6350 System Power Sequencing—Additional	207	—	8	6

DISPLAY AND DATA ENTRY TERMINALS

A number of IBM terminals can be connected to a 4300 system in local or remote configurations. For details and prices please refer to Reports 70D1–491–45, 70D2–491–11, 70D3–491–46, and 70D4–491–43 in Volume 2 of DATAPRO 70.

COMMUNICATIONS EQUIPMENT

For the 4331 Model Group 2, 4331 Model Group 11, 4321 Model J11

		Purchase Price	Monthly Maint.	Monthly Rental Charge*	Monthly Lease Charge*
	1020 Autocall Unit Interface	330	3.50	15	13
	1601 Communications Adapter, base	2,330	3.00	123	105
	3701 EIA/CCITT Interface	330	3.50	15	13
	4695 Line Attachment Base; for clocked modems	330	2.00	15	13
	4696 Line Attachment Base; for non-clocked modems	390	2.00	19	16
	4720 High-Speed Modem Adapter	1,000	3.50	45	38
	4781 1200-bps Integrated Modem; non-switched	505	5.00	25	21
	4782 1200-bps Integrated Modem; switched, with auto-answer	650	5.00	34	29
	4787 1200-bps Integrated Modem; non-switched, with switch network backup and manual answer	690	5.00	35	30
	4788 1200-bps Integrated Modem; non-switched, with switch network backup and auto-answer	765	5.50	39	33
	4801 Local Attachment Interface	830	4.50	39	33
	5650 Digital Data Service Adapter	750	4.00	32	27
	3863 2400-bps Modem:				
	Model 1; non-switched	2,685	14.00	96	82
	Model 2; switched	2,935	16.50	103	88
	3864 4800-bps Modem:				
	Model 1; non-switched	4,410	22.00	166	141
	Model 2; switched	4,660	23.00	176	150
	3865 9600-bps Modem; non-switched	6,690	32.00	264	225
	4830 Loop Adapter 1; requires Adapter Power Prerequisite; cannot be installed with 5424 Adapter	8,065	48.50	524	446
	4831 Loop Adapter 2; requires 4830	1,630	25.00	98	83
	4840 Data Link Adapter; requires 4830	1,000	11.50	61	52
	3843 Loop Control Unit	5,625	28.00	195	166
7770	Audio Response Unit, Model 3 (up to 4 lines)	58,760	96.00	2,010	—
	4677 I/O Line Expander (up to 4 more lines)	8,575	30.00	294	—
	4679 I/O Line Panel (one required for each 8 lines beyond the first 8)	3,660	3.50	125	—
	4668 I/O Line Frame (required for over 16 lines)	9,790	4.00	336	—
	8721 16 Additional Vocabulary Words	4,890	4.00	166	—
3705-II	Communication Controller: For detailed pricing see Report 70C–491–06 (303X Series)				
3725	Communication Controller:				
	Model 1; up to six channel adpaters and from 512K to 1024K bytes of main storage capacity	75,000	213	3,260	—
	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	190	2,630	—
	1561 Channel Adapter	6,750	8	295	—
	4666 Internal Clock Control	1,500	2	65	—
	4771 LAB Type A	19,000	16	825	—
	4772 LAB Type B	26,400	27	1,150	—

*Rental/lease prices include equipment maintenance.

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		Purchase Price	Monthly Maint.	Monthly Rental Charge*	Monthly Lease Charge (2-Year Lease)*
	4911 LIC Type 1	2,600	2	115	—
	4921 LIC Type 2	3,000	2	130	—
	4931 LIC Type 3	3,000	2	130	—
	4941 LIC Type 4A	2,600	2	115	—
	4942 LIC Type 4B	3,000	2	130	—
	7100 Storage Increment 256K	4,375	19	190	—
	8320 Two Proc Switch	4,000	3	175	—
3728	Communication Controller Expansion	32,000	40	1,390	—
3727	Operator Console	2,390	27	160	—

SOFTWARE PRICES

Monthly Charge

		Basic License Charge	DSLO Charge	Monthly Licensed Program Support Charge	Monthly Multiple Licensed Program Support Charge
5666-265	SSX/VSE*	$1,150	$862	$105	$168
5666-274	SSX/VSE RPG II	114	86	7	11
5666-276	SSX/VSE PL/1 Optimizing Compiler and Library	281	211	50	80
5666-277	SSX/VSE PL/1 Transient Library	28	20	7	11
5666-275	DL/1 SSX/VSE	372	279	118	189
5668-981	X.25 Packet Switching Interface	190	112	36	58
5735-RC2	ACF/VTAM, OS/VS	322	241	50	80
	Networking Feature	773	579	127	203
5746-RC3	ACF/VTAM, DOS/VSE	134	100	50	80
	Networking Feature	254	190	127	203
*One-time license charge of $20,000 (Basic License) or $15,000 (DSLO) is also available.					
5735-RC3	ACF/TCAM Version 2, OS/VS	615	461	83	132
	Networking Feature	1,035	776	88	141
5735-XX1	ACF/NCP/VS	180	135	32	51
5735-XX7	Network Terminal Option	146	109	11	18
5746-XE8	VSE/Advanced Functions, Releases 1 and 2	180	135	56	90
5746-RC7	Advanced Communications Function for VTAM Entry (ACF/VTAME)	131	98	71	113
5746-TS1	VSE/Interactive Computing and Control Facility	97	72	26	42
5746-XE3	VSE/POWER Releases 1 and 2	51	38	15	24
5666-273	VSE/POWER Version 2	300	225	22	35
5746-TC9	DOS/VSE Remote Job Entry Workstation	103	—	—	—
5746-AM5	VSE/3270 Bisync Pass Through	159	—	—	—
5746-AM2	VSE/VSAM Releases 1 and 22	55	41	22	35
	VSE/VSAM Space Management for SAM feature	32	24	7	11
5746-AM4	VSE/Fast Copy Data Set Program	417	—	—	—
5746-UT3	VSE/Data Interfile Transfer, Testing and Operations Utility (VSE/DITTO)	36	27	5	8
5746-XE7	VSE/Access Control—Logging and Reporting	48	36	21	34
5746-SA1	VSE/Interactive Problem Control System	31	23	6	10
5746-RC5	Basic Telecommunications Access Method Extended Support	32	24	7	11
5746-SU1	IBM Systems 1401/1440/1460 Emulator	133	99	5	8
5746-LM3	DOS FORTRAN IV Library Option I	38	28	7	11
5746-CB1	DOS/VS Cobol Compiler and Library	157	117	14	22
5746-LM4	DOS/VS Cobol Library	29	21	7	11
5736-PL1	DOS PL/1 Optimizing Compiler	235	176	37	59
5736-LM4	DOS PL/1 Resident Library	55	41	7	11
5736-LM5	DOS PL/1 Transient Library	32	24	7	11
5736-PL3	DOS PL/1 Optimizing Compiler and Library	322	241	50	80
5746-RG1	DOS/VS RPG II	131	98	71	11

*Rental/lease prices include equipment maintenance.

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SOFTWARE PRICES

		Basic License Charge	DSLO Charge	Monthly Licensed Program Support Charge	Monthly Multiple Licensed Program Support Charge
5746-SM2	DOS/VS Sort/Merge (Version 2)	128	90	13	21
5746-XX1	DL/1 DOS/VS (Version 1)	372	279	128	205
5748-XXJ	SQL/Data System	345	258	123	196
5748-XX8	VM/Basic System Extensions	136	102	39	62
5748-XE1	VM/System Extensions	1,345	1,005	173	277
5664-167	VM/System Product	330	247	59	94
5748-XP1	Remote Spooling Communications Subsystem (RSCS) Networking	84	63	33	53
5748-XXC	VM/Interactive File Sharing	40	25	12	19
5748-XXB	Display Management System/CMS	30	22	9	14
5748-XE4	VM/Directory Maintenance	98	73	27	43
5748-XT3	VM/CMS-3270 Display Support and Structured Programming Facility	419	—	—	—
5748-SA1	VM/Interactive Problem Control System Extension	41	30	6	10
5748-MS1	Interactive Productivity Facility	41	30	6	10
5748-RC1	VM/Pass-Through Facility	139	104	77	122
5746-XX3	CICS/VS/DOS	450	331	116	186
5740-XX1	CICS/OS/VS	1,425	589	116	186
5740-XC5	Development Management System/CICS/VS-OS	269	290	40	64
5746-XC4	Development Management System/CICS/VS-DOS	139	104	48	77
5740-XXF	DB/DC Data Dictionary for OS/VS	805	603	99	157
5746-XXC	DB/DC Data Directory for DOS/VS	366	274	78	124
5662-257	OS/VS1 Basic Programming Extension	189	141	41	66
5740-XYW	OS/VS1 Job Networking Facility	200	—	—	—
5740-XE1	MVS/System Extension	1,700	1,275	100	159
5740-XYS	MVS/SP-JES2 Release 1	1,700	1,375	85	136
	Release 2 or 3	1,715	1,285	175	280
5740-XYN	MVS/SP-JES3 Release 1	1,700	1,275	100	160
	Release 2 or 3	1,880	1,410	375	600
5665-288	MVS Operator Communication Control Facility	300	225	8	13
5740-XY4	RMF Version 2, Release 4	380	285	15	24
5740-XR8	JES2 NJE	693	519	84	134
5799-AZT	JES3 NJE	1,535	1,150	305	488
5740-XRB	MVS Hierarchical Storage Manager, Release 3	420	315	110	176
5748-FO3	VS Fortran Compiler and Library	212	159	17	27
5748-LM3	VS Fortran Library	63	47	7	11
5748-AP1	VS APL Release 4	305	228	39	62
5734-PL3	OS PL/1 Compiler and Library	339	254	50	80
5734-PL1	OS PL/1 Compiler	252	189	37	59
5734-LM4	OS PL/1 Resident Library	55	41	7	11
5734-LM5	OS PL/1 Transient Library	32	24	7	11
5740-SM1	OS/VS Sort/Merge Release 5	231	173	18	29
5740-CB1	OS/VS Cobol Compiler and Library	311	233	14	22
5740-LM1	OS/VS Cobol Library	101	75	7	11
5740-AM6	Data Facility/Device Support Release 1 (OS/VS1)	66	49	22	35
5740-UT3	Data Facility/Data Set Services Release 1 (OS/VS1 and MVS)	67	50	21	34
5740-XYQ	Data Facility/Extended Function (MVS)	103	77	50	80
5740-AM7	Data Facility/Device Support (MVS)	70	52	14	22
5668-002	Direct Access Storage Device Migration Aid Release 1 (OS/VS1 and MVS)	1,150	—	—	—

IBM 4300 Series

	Monthly Program Support Charge	Monthly Multiple Program Support Charge

CHARGES FOR LOCAL PROGRAMMING SUPPORT

	Monthly Program Support Charge	Monthly Multiple Program Support Charge
For Class 1 SCP on 4321	$180	288
For Class 1 SCP on 4331 Model Group 11:		
Category A (DOS/VSE, OS/VS1 Release 7, VM/370 Release 6)	213	340
For Class 1 SCP on 4331 Model Group 2:		
Category A	258	412
For Class 1 SCP on 4341 Model Group 10:		
Category A	459	734
Category B (all SCP's in Category A, MVS Release 3.8, MVS corequisite SCP's)	646	1,030
For Class 1 SCP on 4341 Model Group 11:		
Category A	529	846
Category B	1,130	1,220
For Class 1 SCP on 4341 Model Group 2:		
Category A	902	974
Category B	1,290	1,390
For Class 1 SCP on 4341 Model Group 9:		
Category A	432	465
Category B	776	836
For Class 1 SCP on 4341 Model Group 12		
Category A	984	1,060
Category B	1,400	1,510
For Class 1 SCP on 4361 Model Group 4		
Category A (VM, DOS/VSE, VS1)	506	810
For Class 1 SCP on 4361 Model Group 5		
Category A (VM, DOS/VSE, VS1)	656	1,050
Category B	934	1,495
For Class 1 SCP on 4381 Model Group 1		
Category A	643	1,030
Category B	918	1,470
For Class 1 SCP on 4381 Model Group 2		
Category A	677	1,085
Category B	966	1,545

IBM 4300

Product Enhancement

On September 15, 1983, IBM announced four new members of the 4300 processor family: the 4361 Model Groups 4 and 5, and the 4381 Model Groups 1 and 2. The two 4361 processors provide a new growth path for entry-level systems using System/370 architecture. The 4381 processors fill the gap between the 4341-12 and the 3083 Model Group E.

According to IBM, the 4361 processors are particularly suited for commercial, office, interactive problem solving, and engineering/scientific applications. The new processors provide up to six times the engineering/ scientific and up to three times the commercial performance of the 4331 Model Group 2. The 4361 has a main storage capacity of from two to 12 megabytes, up to three times that of the 4331. The 4361 uses a new bipolar memory chip which stores up to four times the information of memory chips used in the 4331. Separate in- struction and I/O processing units improve throughput; high-speed buffer storage is used as a main storage cache and for microcode storage. The 4361-4 and 4361-5 have 8K and 16K bytes of buffer storage, respectively.

Floating-Point Multiply Accelerator hardware using high-speed multiplexer logic is standard on the 4361. Also included is a new High Accuracy Arithmetic Facility. The 4361 allows for the attachment of the 4994 ASCII Device Control Unit, which supports many ASCII devices. An attachment can be made between the 4361 and the IBM Displaywriter or the IBM Personal Computer.

Programming support for the 4361 includes: VM/370 with VM/SP; VSE and SSX/VSE; OS/VS1; and MVS/ 370 with MVS/SP and JES2 or JES3 (Model Group 5 only). In addition to the 4361-4, all models of the 4331 are field-upgradeable to the 4361-5.

The 4381 Models 1 and 2 are available with from four to 16 megabytes of main storage capacity and up to 12 I/O channels. The 4381-1 can provide an internal throughput rate of from 1.4 to 1.6 times that of the 4341-2 for commercial workloads and up to 1.7 times that of the 4341-2 for scientific workloads. The 4381-2 can pro- vide an internal throughput rate of from 1.7 to 2.3 times that of the 4341-2 for commercial workloads and from 2.4 to 3 times that of the 4341-2 for scientific workloads. The 4381-1 and 4381-2 have up to 8K and 32K bytes of high-speed buffer storage, respectively. The 4381 processors are the first in the 4300 family to support MVS/XA; MVS/XA was previously supported by the larger processors only.

A unique air-cooling technique previously developed for use on the 308X Series, termed "impingement cooling" assures adequate cooling without the need for a raised floor. With six channels standard, four support up to three megabytes per second data rates in data streaming mode. A data transfer rate of up to 22 megabytes per second can be attained using 12 channels and data streaming.

Programming support for the 4381 includes: MVS/370; VM/SP with or without the High Performance Option; DOS/VSE with VSE/Advanced Functions; ACP/TPF and OS/VS1 in System/370 mode, and MVS/ XA and VM/XA Migration Aid in System/370-XA mode. Extended program support (ECPS) is available for MVS/370 and VM/370. The 4381-1 is field-upgradeable to the 4381-2.

General availability of the IBM 4361-5 processor is planned for the first quarter of 1984; the 4361-4 is planned for the second quarter of 1984. Field conversions from the 4331-2 to the 4361-5 are planned for availability during the first quarter of 1984; from the 4331-11 in June of 1984; from the 4331-1 in September 1984; and from the 4361-4 in February 1984. Pricing for the 4361 ranges from $150,000 to $275,000.

General availability for the 4381-2 will be in the first quarter of 1984 and the 4381-1 will become available in the third quarter of 1984. The field upgrade from the 4381-1 to the 4381-2 will become available in the fourth quarter of 1984. Pricing for the 4381 processors ranges from $370,000 to $620,000. Detailed prices for the 4361 and 4381 processors may be found in the updated price list.□