

Comparison of lease and purchase costs over a 5-year period—Continued

IBM 7080 TAPE SYSTEM

Extent of use	Components			Lease alternative			Purchase alternative					Savings or loss (—) on purchase basis
	Quantity	Type	Model	Cost to lease	Interest on cost to lease	Total cost to lease	Cost to purchase	Interest on cost to purchase	Cost to maintain	Interest on cost to maintain	Total cost to purchase	
1 shift----	1	Arith/logic unit.....	7102	\$870,000	\$35,923	\$905,923	\$685,000	\$64,650	\$43,716	\$1,799	\$795,166	\$110,757
	1	Console control unit.....	7153	96,000	3,963	99,963	80,250	7,574	2,730	112	90,666	9,297
	1	Core storage 80K.....	7302	600,000	24,774	624,774	480,000	45,302	22,800	941	549,043	75,730
	1	Central storage and I/O control 2 channels.....	7305	438,000	18,085	456,085	345,000	32,561	14,196	583	392,341	63,744
	1	Power unit.....	7804	96,000	3,963	99,963	60,000	5,662	1,995	81	67,739	32,224
	1	Console card reader.....	7502	16,500	681	17,181	13,500	1,274	909	36	15,720	1,461
	1	Tape control.....	7621	208,200	8,596	216,796	153,800	14,515	14,148	580	183,043	33,752
	7	Tape drives.....	729-5	315,000	13,006	328,006	260,400	24,576	52,080	2,130	339,187	—11,180
	4	do.....	729-6	228,000	9,414	237,414	169,800	16,025	32,544	1,334	219,704	17,709
		Total.....		2,867,700	118,410	2,986,110	2,247,750	212,142	185,118	7,601	2,652,612	333,498
2 shifts----	1	Arith/logic unit.....	7102	1,218,000	50,292	1,268,292	685,000	64,650	61,202	2,519	813,372	454,919
	1	Console control unit.....	7153	134,400	5,549	139,949	80,250	7,574	3,822	156	91,802	48,146
	1	Core storage 80K.....	7302	840,000	34,684	874,684	480,000	45,302	31,920	1,318	558,540	316,144
	1	Central storage and I/O control 2 channels.....	7305	613,200	25,319	638,519	345,000	32,561	19,874	817	398,252	240,266
	1	Power unit.....	7804	134,400	5,549	139,949	60,000	5,662	2,793	114	68,570	71,379
	1	Console card reader.....	7502	23,100	953	24,053	13,500	1,274	1,818	73	16,666	7,387
	1	Tape control.....	7621	291,480	12,035	303,515	153,800	14,515	19,807	812	188,935	114,580
	7	Tape drives.....	729-5	441,000	18,209	459,209	260,400	24,576	104,160	4,261	393,397	65,811
	4	do.....	729-6	319,200	13,180	332,380	169,800	16,025	65,088	2,669	253,583	78,796
		Total.....		4,014,780	165,774	4,180,554	2,247,750	212,142	310,485	12,743	2,783,121	1,397,433
3 shifts----	1	Arith/logic unit.....	7102	1,566,000	64,661	1,630,661	685,000	64,650	78,688	3,239	831,579	799,082
	1	Console control unit.....	7153	172,800	7,135	179,935	80,250	7,574	4,914	201	92,939	86,995
	1	Core storage 80K.....	7302	1,080,000	44,594	1,124,594	480,000	45,302	41,040	1,694	568,036	556,557
	1	Central storage and I/O control 2 channels.....	7305	788,400	32,553	820,953	345,000	32,561	25,552	1,051	404,164	416,789
	1	Power unit.....	7804	172,800	7,135	179,935	60,000	5,662	3,591	147	69,400	110,534
	1	Console card reader.....	7502	29,700	1,226	30,926	13,500	1,274	2,727	110	17,612	13,314
	1	Tape control.....	7621	374,760	15,474	390,234	153,800	14,515	25,466	1,044	194,826	195,407
	7	Tape drives.....	729-5	567,000	23,412	590,412	260,400	24,576	156,240	6,391	447,608	142,803
	4	do.....	729-6	410,400	16,945	427,345	169,800	16,025	97,632	4,004	287,461	139,884
		Total.....		5,161,860	213,139	5,374,999	2,247,750	212,142	435,852	17,885	2,913,630	2,461,368

NOTE.—Amounts may not add in dollar columns because of omission of cents.