

Sequent Appendix

Systems Specifications

Models	s2000/750	s2000/250	s2000/450	
CPU	80486	80486	80486	
Clock speed (MHz)			50	50
MIPS per CPU		41 per CPU	41 per CPU	41
No. of processors (2 CPU per processor board)	2 - 30		2 - 6	2 -
Cache	512 KB	512 KB	512 KB	
Memory in MB (min/max)	16/960	16/320	16/512	
Disk (min/max)	540 MB/260 GB	316 MB/76 GB	540 MB/130 GB	
# slots VME		5 VME	8 VME	8
Sequent bus		6 Sequent bus	12 Sequent bus	26
Base config price	\$152,000	\$226,000	\$53,500	
includes: cpu		2 cpu	2 cpu	2
MB		16 MB memory	64 MB	64
GB		16 MB disk	2.7 GB	2.7
user OS		16 user OS	16 user OS	16

Models	s2000/40 s2000/700	s2000/200	s2000/400	

CPU	80486 80486	80486	80486	
Clock speed (MHz)	33	25	25	25
MIPS per CPU	20	14 per CPU	14 per CPU	14
No. of processors 10 (2 CPU per processor board)	2 - 30	1	2 - 6	2 -
Cache	8 KB 512 KB	512 KB	512 KB	
Memory in MB (min/max)	8/64 16/816	16/320	16/416	
Disk	2.5 GB 86.8 GB	15 GB	24.8 GB	
# slots Multibus	8 ISA bus	5 VME	7 Multibus	12
Sequent bus		6 Sequent bus	12 Sequent bus	26

Price/Performance Comparisons

The following audited benchmarks have been published by Sequent:

TPC-A benchmark:

Model \$/tps-A	Database	Total Cost	tps-A
Symmetry 2000/700 (12 cpu) \$22,000	Informix 4.0	\$2,868,018	129.19
Symmetry 2000/200 (4 cpu) 14,950	Informix 4.0	746,920	49.96
Symmetry 2000/700 (16 cpu) 23,051	Oracle V6.0.3	333,831,032	166.20
Symmetry 2000/750 (16 cpu) 18,507	Oracle V6.0.3	333,970,280	214.53
Symmetry 2000/700 (8 cpu) 14,662	Sybase SMP	2,476,493	168.91
Symmetry 2000/750 (26 cpu) 11,006	Oracle 7	6,806,270	618.39

Compare these to HP's published benchmarks for TPC-A (as of October 1992):

Model \$/tps-A	Database	Total Cost	tps-A
9000/807 \$13,889	Informix 4.0	\$ 422,217	30.40
9000/817 11,846	Informix 4.0	606,509	51.2
9000/827 12,457	Informix 4.0	645,274	51.8
9000/837 12,823	Informix 4.0	769,369	60.0
9000/847 16,473	Informix 4.0	788,315	60.1
9000/857 16,473	Informix 4.0	990,037	60.1
9000/867 15,440	Informix 4.0	1,156,431	74.9
9000/877 15,820	Informix 4.0	1,184,886	74.9
9000/897	Oracle 7	--	184.5

10,377			
9000/890	Oracle 7	6,708,041	578.0
11,606			

The recently introduced 9000/890 systems provide a growth path at the high-end. Their transaction per second host-based performance estimates are as follows:

Model tps	
9000/890 1	160
9000/890 2	270
9000/890 3	400