

Low-Cost Intel Servers

	Digital Equipment Corp. Digital Server 1210	Gateway 2000 Gateway NS-7000	Hewlett-Packard HP NetServer E50	SAC Electronics STF 333-LVD	Tangent Computer Enterprise X-D
Price as tested (estimated)	\$3,731	\$2,699	\$2,925	\$4,432	\$4,700
Warranty	3 years	3 years parts & labor, 1 year onsite	Standard 1 year, next business day or second business day support	3 years	3 year on-site/ 3 years limited parts warranty
Microsoft NT Server 4.0 certified	●	●	●	●	●
IntranetWare/Novell 4.x certified	●	●	●	○	●
Year 2000-compliant BIOS	●	●	●	●	●
Processors:					
Model of CPU tested	Pentium II	Pentium II	Pentium II	Intel Pentium II	Pentium II
Speed of CPUs tested (MHz)	300	300	333	333	300
Maximum speed of Intel CPU supported (MHz)	300	300	333	333	333
Maximum number of processors supported	2	2	1	2	2
Amount of cache per CPU (KB)	512 KB	512 KB	512 KB	512 KB	512 KB
Memory:					
Standard memory/maxium memory (MB)	32/512 MB	64/512 MB	64/384 MB	32/512 MB	32 MB/1GB
ECC memory available	●	●	●	●	●
Use SIMM or DIMM or both	DIMM	DIMM	SIMM	DIMM	DIMM
Number of memory slots on motherboard	4	4	6	4	8
Disk Controller:					
Disk controller manufacturer	Adaptec (7880)	Adaptec (7880)	Adaptec (2940)	2 Total (1-Adaptec (onboard)/1-Adaptec (Add-In))	1xSymbios sym53c810, 2xSymbios sym53c875
Controller host interface (e.g. PCI)	PCI	PCI	PCI	PCI	4 PCI
Number of channels supported	1	1	1	2	3
Maximum memory cache capacity per controller (MB)	0	0	0	0	0
Amount of cache on controller (as tested) (MB)	0	0	0	N/A	N/A
SCSI type	Ultra Wide	Ultra Wide	Ultra Wide	Ultra Wide (onboard)/Ultra Wide-LVD (add-in)	Ultra Wide
System Information:					
Video chip manufacturer and maximum resolution/colors	S3 Trio 2MB, 1024 x 768 16,000 colors	CirrusLogic 1280x1024, 16 million colors	CirrusLogic Video Chip 2MB Standard 1280x1024, 256 colors	CirrusLogic 1280x1024/64K	CirrusLogic 54M40 (1MB 256C, 640X40, 800X600, 1024X768)
Number of EISA slots	0	2	0	1	0
Number of PCI slots	4	3	2	4	7
Number of ISA slots	2	0	2	0	2
Number of shared slots	1	1	2	0	1
Which interfaces are on motherboard	Serial/parallel, USB/keyboard/network/SCSI/video	Serial, mouse, parallel, keyboard, video, SCSI, onboard	Serial, mouse, parallel, keyboard	Serial, mouse, parallel, keyboard, video, SCSI, Ethernet	Serial, mouse, parallel, keyboard, video, SCSI
Number of hot drive bays	0	0	0	2-upgradeable to 10	10
Number of internal drive bays	7 or 9	7	5	2	3
CD-ROM included	●	●	●	●	●
CD-ROM speed	12x	12x	24x	32x	16x
Rack mount versions available	●	●	○	●	●
Number of power supplies	1	1	1	1 - (n+1) @ 400 watts each module	2
Size of power supplies (watts)	300 watts	300 watts	200 watts	400 watts	360 watts

● Yes ○ No

Low-Cost Intel Servers (continued)

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Remote Management Of Server:					
Name of management application	ServerWorks	InforManager	HP TopTools	Intel LANDesk Server Manager 2.8	Intel LANDesk Server Manager 2.8
Does management application come bundled with server or is it an extra cost	Bundled	Bundled	Bundled	Bundled	Bundled
NOS supported	NetWare, NT, SCO, Unix	NetWare, NT, SCO	NetWare, NT, SCO, Unix	NetWare, NT	NetWare, NT
SNMP manageable	●	○	●	●	●
Management interface platform	Win95, WinNT, ISNMP, DM	WinNT	Win95, WinNT	Win95, WinNT 4.0	Win95, WinNT
Predictive drive failure notification	○	●	●	●	●
Display RAID level of controller	●	○	○	●	●
View EISA configuration	● (Thru SCU Sys. Configuration Authority)	●	○	●	○
View general system info	●	●	●	●	●
View advanced drive information	●	○	●	●	●
Can set alarm thresholds	●	●	●	●	●
View SCSI bus information	● (Thru third-party application from Adaptec)	●	●	●	●
Automatic server reboot	●	●	●	Optional	Optional
Out of band management possible	● (RSM)	○	●	Optional	Optional
Fault Tolerance Features:					
Redundant power supplies	○	○	○	●	●
Hot plug power supplies	○	○	○	●	●
Redundant fans	○	○	○	●	●
Hot plug fans	○	○	○	○	●
Redundant power cables	○	○	○	●, 1 each module	●
Other				Processor Fault Resilient, Booting (w/2 CPUs only)	Embedded AMI MegaRAID

● Yes ○ No