



APPENDIX A

Technical Specifications

Table A-1. Technical Specifications

Microprocessor	
Microprocessors	up to two Intel Pentium III microprocessors with a minimum internal operating frequency of 866 MHz
Front side bus	133 MHz
Internal cache	internal to microprocessor
Math coprocessor	internal to microprocessor
Expansion Bus	
Bus type	PCI bus
Expansion slots	two dedicated PCI (64-bit, 66 MHz slots on separate buses)
Memory	
DIMM sockets	72-bit wide 168-pin sockets
DIMM capacities	64-, 128-, 256-, or 512 MB registered SDRAM DIMMs; must be rated for 133-MHz operation
Standard RAM (minimum)	128 MB
Maximum RAM	2 GB or higher (when supported)
Drives	
Diskette drive	3.5-inch, 1.44-MB diskette drive included with standard system
SCSI hard-disk drives	up to three using formatted capacities ranging from 9 GB to 36 GB

NOTE: For the full name of an abbreviation or acronym used in this table, see the "Glossary."

Table A-1. Technical Specifications (continued)

Drives (continued)	
SCSI devices	internal hot-pluggable with RAID controller, termination and automatic configuration for up to three drives. Integrated Adaptec Ultra3 AIC-7899 SCSI host adapter
CD-ROM drive	IDE CD-ROM drive included with standard system
Ports	
Externally accessible:	
Rear:	
Serial	one 9-pin connector
USB	two 4-pin connectors
RJ45	two RJ45 connectors for connection to internal embedded NICs (Intel 82559 10/100 Ethernet controller)
Video	15-pin connector
PS/2-style keyboard	6-pin mini-DIN
PS/2-compatible mouse	6-pin mini-DIN
Front:	
Video	15-pin connector
PS/2-style keyboard/ mouse	6-pin mini-DIN, keyboard default (mouse optional with combination Y cable)
Video	
Video type	ATI RAGE XL PCI video controller; VGA connector
Video memory (standard)	4 MB SDRAM
Power¹	
AC power supply:	
Wattage	240 W
Voltage	100–240 VAC, 3.6–1.8 A, 60–50 Hz
System battery	CR2032 3-V lithium coin cell

¹ Under typical line conditions and over the entire system ambient operating range, the inrush may read 45 A per installed power supply.

NOTE: For the full name of an abbreviation or acronym used in this table, see the “Glossary.”

Table A-1. Technical Specifications (continued)

Physical	
Rack Mount (1U):	
Height	4.32 cm (1.70 inches)
Width	44.73 cm (17.61 inches)
Depth	60.96 cm (24 inches)
Weight	9.9 kg (22 lb) minimum
	11.80 kg (26 lb) maximum
Environmental	
Temperature:	
Operating	10° to 35°C (50° to 95°F)
Storage	–40° to 65°C (–40° to 149°F)
Relative humidity:	
Operating	8% to 80% (noncondensing) with a humidity gradation of 10% per hour
Storage	5% to 95% (noncondensing)
Maximum vibration:	
Operating	0.25 G (half-sine wave) at a sweep of 3 to 200 Hz for 15 minutes
Storage	0.5 G at 3 to 200 Hz for 15 minutes
Maximum shock:	
Operating	six consecutively executed shock pulses in the positive and negative x, y, and z axes (one pulse on each side of the system) of 41 G for up to 2 ms
Storage (non-operational)	six consecutively executed shock pulses in the positive and negative x, y, and z axes (one pulse on each side of the system) of 71 G for 2 ms
Altitude:	
Operating	–16 to 3048 m (–50 to 10,000 ft)
Storage	–16 to 10,600 m (–50 to 35,000 ft)

NOTE: For the full name of an abbreviation or acronym used in this table, see the "Glossary."

