A P P E N D I X   A
Technical Specifications

Table A-1. Technical Specifications

Microprocessor	
Microprocessor types	Dual Intel® Pentium® III microprocessors with a minimum internal operating frequency of 600 MHz
Front side bus	133 MHz
Internal cache	internal to microprocessor
Math coprocessor	internal to microprocessor
Expansion Bus	
Bus type	PCI bus
Expansion slots	three full-length dedicated PCI
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
Drives	
Diskette drive	3.5-inch, 1.44-MB diskette drive included with standard system
SCSI hard-disk drives	formatted capacities ranging from 9 GB to 18 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	an internal SCSI backplane provides a physical connection, hot-plug capability with RAID controller, termination, and automatic configuration for up to five internal SCSI hard-disk drives; an integrated Adaptec Ultra 160/m AIC-7899 SCSI host adapter
CD-ROM drive	IDE CD-ROM drive included with standard system

Ports	
Externally accessible:	
Serial	two 9-pin connectors
Parallel (bidirectional)	25-pin connector
USB	two 4-pin connectors
RJ45	RJ45 connector for connection to internal embedded NIC (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

Video	
Video type	ATI RAGE IIC PCI video controller; VGA connector
Video memory (standard)	4 MB SDRAM

Power	
AC power supply:	
Wattage	330 W per supply
Voltage	100 to 240 V at 60 Hz/230 V at 50 Hz
System battery	CR2032 3-V lithium coin cell

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 (2U):	
Height	8.4 cm (3.3 inches)
Width	42.4 cm (16.7 inches)
Depth	66.8 cm (26.3 inches)
Weight	15.87 kg (35 lb) minimum
	24.94 kg (55 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."