



APPENDIX A

Technical Specifications

Table A-1. Technical Specifications

Microprocessor	
Microprocessor type	Intel Celeron microprocessor with a minimum internal operating frequency of 600 MHz or Intel Pentium III microprocessor with an internal operating frequency of 750 MHz
L2 cache	128 KB, internal to microprocessor for the Celeron processor; 256 KB for the Pentium III microprocessor
Math coprocessor	internal to microprocessor
Expansion Bus	
Bus type	PCI bus
Expansion slots	one full-length PCI, one low-profile PCI (occupied by video controller)
Memory	
DIMM sockets	72-bit wide, 168-pin sockets
DIMM capacities	128-, or 256-MB registered SDRAM DIMMs; must be rated for 100-MHz operation
Minimum RAM	128 MB
Maximum RAM	1 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	
Diskette drive	3.5-inch, 1.44-MB diskette drive included with standard system
Hard-disk drives	two 1-inch form-factor ATA-100 IDE hard-disk drives
CD-ROM drive	IDE
Ports	
Externally accessible:	
Serial	two 9-pin connectors
USB	two 4-pin connectors
RJ45	two RJ45 connectors for connection to two integrated Intel 82559 10/100 Ethernet controllers
Video	15-pin connector on expansion card
PS/2-style keyboard	6-pin mini-DIN
PS/2-compatible mouse	6-pin mini-DIN
Video	
Video type	PCI video controller; VGA connector
Video memory (standard)	8 MB SDRAM
Power¹	
AC power supply:	
Wattage	125 W
Voltage	100 to 120 V at 50 Hz/200 to 240 V at 60 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 reach 140A.

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

Table A-1. Technical Specifications (continued)

Physical	
Height	4.3 cm (1.7 inches)
Width	42.5 cm (16.7 inches)
Depth	55 cm (22 inches)
Weight	10 kg (23 lb) maximum
Environmental (PE)	
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."

