

System Specifications



This appendix contains system specifications, including dimensions, electrical and power requirements, and environmental requirements.

Input Power Requirements

Figure A-1 lists the input power requirements for the system unit. The maximum power dissipated is less than or equal to 120 watts. The power supply automatically selects the correct AC voltage range.

Table A-1 Table of Input Power Requirements and Power Dissipation for the System Unit

Operating Voltage Range	Maximum Input Current	Maximum Input Power	Maximum Input Volt-Amps	Thermal Dissipation	Operating Frequency Range
100-120 Vac	5.0 A rms	119 watts	600	406 BTU	47-63Hz
200-240 Vac	2.5 A rms	119 watts	600	406 BTU	47-63Hz

Environmental Requirements

Figure A-2 lists the environmental requirements for the operating environment and the non-operating environment.



Table A-2 Table of Environmental Requirements

Operating Environment:

Temperature	0 degrees C to 40 degrees C between 32 and 104 degrees F
Humidity	5 to 80% relative noncondensing at 40 degrees C
Wet Bulb	25 degrees C (77 degrees F) maximum
Altitude	0m to 3048m (0 to 10000 ft.)
Vibration	5-22Hz, 0.01 inches p-p; 22-500Hz, 0.25 g p-p
Shock	5g pk, 10msec 1/2 sine wave

Non-Operating Environment:

Temperature	between -20 and 75 degrees C; between -4 and 167 degrees F
Humidity	5 to 90% relative noncondensing at 40 degrees C
Wet Bulb	46 degrees C (115 degrees F) maximum
Altitude	3049m to 12,192m (10000 to 40000 ft)
Vibration	5-22Hz, 0.02 inches p-p; 22-500Hz, 0.5 g p-p
Shock	20g pk, 30msec

Physical Specifications

Figure A-3 lists the physical specifications for the system unit, the keyboard, the optical mouse, and selected monitors.

Table A-3 Table of Physical Specifications

Component	Height	Width	Depth	Net Weight
System Unit	4.6 in (11.75 cm)	9.6 in (24.45 cm)	10.4 in (26.35 cm)	11 lbs (4.95 kg)
Keyboard	2 in (5 cm)	19 in (48 cm)	8 in (20 cm)	2 lbs (1 kg)
Mouse	2 in (5 cm)	4 in (10 cm)	3 in (8 cm)	0.3 lbs (0.14 kg)
Monitor, 16 in color	15.8 in (40 cm)	15.5 in (39.4 cm)	17.3 in (43.8 cm)	70 lbs (31.8 kg)
Monitor, 17 in grays.	14.5 in (36.7 cm)	16.1 in (40.9 cm)	15.6 in (39.5 cm)	37 lbs (16.8 kg)
Monitor, 19 in grays.	17.5 in (44.5 cm)	18.1 in (46.0 cm)	15.9 in (45.2 cm)	52 lbs (23.6 kg)