

Product Specifications

This appendix provides product specifications for the Ultra 2 series system (system unit) and the Ultra Enterprise 2 server (server) and is divided into three parts:

Physical Specifications—page A-2

Electrical Specifications—page A-3

Environmental Specifications—page A-4

A.1 Physical Specifications

TABLE A-1 lists physical specifications for the system/server units.

TABLE A-1 System/Server Units Physical Specifications

Specification	Value
Height	17.50 in. (44.40 cm)
Width	17.70 in. (45.00 cm)
Depth	5.12 in. (13.00 cm)
Weight (approx)	27.00 to 35.00 lb. (12.27 to 15.91 kg)

A.2 Electrical Specifications

TABLE A-2 lists the electrical specifications for the system/server units.

TABLE A-2 System/Server Units Electrical Specifications

Parameter	Description	Value
Input	Voltage range Current range Frequency range	100 to 240 VAC 1.5 to 3.1 A 47 to 63 Hz
Output	1	+5 VDC, 18 A
Output	2	+3.3 VDC, 12 A
Output	3	+2.5 to 3.6 VDC, 12 to 8.3 A
Output	4	+12 VDC, 5.1 A
Output	5	-12 VDC, 0.3 A
Input power rating	Input power rating	260 W
Output power rating	Output power rating	350 W
Volt-ampere rating	Volt-ampere rating	260 VA
Power factor	Power factor	Greater than .98

A.3 Environmental Specifications

TABLE A-3 lists operating and non-operating environmental specifications for the system/server units.

TABLE A-3 System/Server Units Environmental Specifications

Environmental	Operating	Non-Operating ²
Temperature:	50 to 104 degrees F ¹ (10 to 40 degrees C), 16-hour dwells at extremes	-4 to 131degrees F (-20 to 55 degrees C), 16-hour dwells at extremes
Humidity	20 to 80 percent noncondensing at 104 degrees F (40 degrees C), 16-hour dwells at extremes	95 percent noncondensing at 104 degrees F (40 degrees C) 16-hour dwells at extremes
Altitude:		
System without removable tape media	9,842.5 feet (3,000 meters) at 50 to 98.6 degrees F (10 to 37 degrees C), 2-hour dwells at extremes, to 104 degrees F (40 degrees C) at sea level	40,000 feet (12,192 meters) at 32 degrees F (0 degrees C), 2-hour dwells at extremes
System with removable tape media	9,842.5 feet (3,000 meters) at 50 to 89.6 degrees F (10 to 32 degrees C), 2-hour dwells at extremes, to 95 degrees F (35 degrees C) at sea level	40,000 feet (12,192 meters) at 32 degrees F (0 degrees C), 2-hour dwells at extremes
Maximum dwells at extremes	16 hours	16 hours
Shock	2.0 G peak for 11 ms, 3 shocks per face	15 G peak for 11 ms, 3 shocks per face
Vibration	0.1 G peak, 3 mutually perpendicular axes, 5 to 500 Hz sweep	0.5 G peak, 3 mutually perpendicular axes, 5 to 500 Hz sweep
Acoustic noise	5.4 bels	5.2 bels (idle)

1. Not to exceed 95 degrees F (35 degrees C) with tape media.

2. Refer to tape media specifications for recommended tape media storage.