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Sun Fire[™] V490 Server: Hardware Specifications

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Processor	
Number	Up to two dual-processor CPU/Memory Boards (2 or 4 CPUs)
Architecture	1.05GHz, 1.35GHz UltraSPARC [™] IV, 1.5GHz, or 1.8GHz UltraSPARC IV+
Cache memory	Cache (L1): 64-KB data and 32-KB instruction per pipeline Secondary (L2): 16 MB external (8 MB per pipeline), 2 MB on chip L2 cache Cache (L3): 32 MB external off-chip (UltraSPARC IV+ processor)
Main Memory	
Capacities	8 memory slots (DIMMs) per processor, 16 total slots per CPU/Memory Board 512MB, 1GB, or 2GB expansion (32GB maximum per CPU/Memory board, 64GB maximum when configured with 4 processors) All memory DIMM slots must be fully populated.
Standard Interfaces	
Ethernet	Two 10/100/1000-Mbps Ethernet
Keyboard and mouse	USB
PCI	Six PCI slots compliant with PCI specification Revision 2.1: <ul style="list-style-type: none"> • Two slots (slots 0 & 1) operating at 66-MHz, 64 bits wide, 3.3 volts • Four slots operating at 33-MHz, 64 bits wide, 5 volts Note: PCI slots 0, 1, and 2 are full length card slots (12 inch); PCI slots 3, 4, and 5 are short length card slots (7 inch).
Remote System Controller	One ALOM Plus card plugs into a dedicated slot on the system I/O board
Serial	One RJ45 serial port
USB	Two (compliant with USB Revision 1.0)
Internal Mass Storage	
Disks	Two front-accessible, hot-pluggable, FC-AL disks, 73GB or 146GB, 3.5-in. x 1.0-in. 10,000 RPM, or 146GB 15,000 RPM, maximum total capacity of 292 GB
DVD-ROM	8X Slimline DVD-ROM (IDE) drive
Power Supplies	
Type	One required, two for redundancy fitted as standard, each with independent power cord

Output	1448 W per power supply
Environment	
AC Power	Auto Ranging 200-240 VAC, 50 or 60 Hz, 8A @ 200-240 VAC
Input power	1052 W (max measured), 1600 W (mfg rating)
Heat output	3590 BTU/hr (max measured), 5459 BTU/hr (mfg rating)
Temperature	Operating: 5° C to 35°C (41°F to 95°F) Nonoperating: -20°C to 60°C (-4°F to 140°F)
Humidity	Operating: 20% to 80% RH noncondensing; 27°C (81°F) wet bulb Nonoperating: 95% RH noncondensing
Altitude	Operating: 0 to 3000 meters (0 to 10,000 feet) Nonoperating: 0 to 12,000 meters (0 to 40,000 feet)
Acoustic noise	Operating: 74.5 dBA Idling: 74.5 dBA
Vibration	Operating: .0001 (z-axis only) G2/Hz, 5-150 Hz, -12db/octave slope, 150-500 Hz Nonoperating: .001 (z-axis only) G2/Hz, 5-150 Hz, -12db/octave slope, 150-500 Hz
Shock	Operating: 3g peak, 11 milliseconds half-sine pulse Nonoperating: 10g peak, 11 milliseconds half-sine pulse
Handling Drops	25 mm (10 in)
Threshold Impact	1 meter/second
Number of cords	2
Regulations Meets or exceeds the following requirements:	
Safety	UL/CSA-60950-1, EN60950-1, IEC60950-1 CB Scheme with all country deviations, IEC825-1, 2, CFR21 part1040, CNS14336
Ergonomics	EK1-ITB-2000
RFI/EMI	EN55022 Class A, 47 CFR 15B Class A, ICES Class A, VCCI Class A, AS/NZ 3548 Class A, CNS 13438 Class A, KSC 5858 Class A, GB 9254 Class A, EN61000-3-2, GB 17625.1, EN61000-3-3
Immunity	EN55024/CISPR24
Regulatory Markings	CE, FCC, ICES-003, C-tick, VCCI, GOST-R, BSMI, MIC, UL/cUL, UL/S-mark
Telecommunications	EN300-386
X-ray	DHHS 21 Subchapter J; PTB German X-ray Decree
Dimensions and Weights	
Height	222 mm (8.75 in)
Width	446 mm (17.5 in)
Depth	610 mm (24 in)
Weight	Min 35.83 kg (79 lbs) Max 44 kg (97 lbs)
Power Cord	2.5 m (8.2 ft)

Clearance and Service Access	
Front Blockage Only	36 in (92 cm)
Rear Blockage Only	36 in (92 cm)
Front And Rear Blockage	Front Clearance: 36 in (92 cm) Rear Clearance: 36 in (92 cm)