

CS500 Rackmount Server



Mechanical

Height	8.75" (22.23 cm)
Width	4.35" (11.05 cm)
Depth	16.91" (42.95 cm); 17.9" (45.47 cm) with handle
Weight	10.65 lbs. (4.83 kg)
Units per Rack	36 (4 x 9)

Maximum CPU

Pentium® 4 2.80 GHz

External Bays	One (1) low-profile 3.5" bay
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Internal Bays	One (1) low-profile 3.5" bay
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Front I/O	Power switch, CPU reset button, Alarm reset button, Status LEDs
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Rear I/O	Five (5) card slots, one (1) DB-25, one (1) DB-9, one (1) PS/2
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Expansion slots	Four (4) 32-bit/33MHz PCI (5V) One (1) ISA, three (3) 32-bit/33MHz PCI (5V) Two (2) ISA, two (2) 32-bit/33MHz PCI (5V) Two (2) ISA, two (2) 64/32-bit / 66/33MHz PCI (3.3V) Three (3) ISA, one (1) 32-bit/33MHz PCI (5V)
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Cooling	One (1) 17 CFM (0.5m ³ /min), one (1) 25 CFM (0.7m ³ /min)
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Mounting Options	Front-mount, Mid-mount, Base-mount, Wall-mount
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Power Supply	100W or 150W 120/240 VAC 50/60Hz 130W or 180W 120/240 VAC 50/60Hz PFC 100W, 150W or 180W -48 VDC
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Environmental	
Operating Temperature	0°C to 50°C (32°F to 122°F)
Storage Temperature	-40°C to 70°C (-40°F to 158°F)
Operating Relative Humidity	5% to 95% (non-condensing)
Operating Vibration	Per Bellcore GR-63-CORE standards; Earthquake – VERTIQII 1-50 Hz up to 1.6 G for 30 seconds Office - 0.1 G 1-100 Hz and back to 5 Hz for 90 minute duration
Storage Vibration	0.5 G 5-50 Hz for 30 minutes; 3.0 G 50-500 Hz for 12 minutes (In shipping carton)
Storage Shock	20G
Operating Altitude	0-4,000m (13,123') MSL 50°C for 6 hours
Storage Altitude	Up to 10,600m (34,777') MSL

Regulations

Safety	UL 60950, CSA C22.2-950, IEC 60950
Emissions	FCC Part 15, Subpart B, ICES-003 (Canada), EN 55022 / CISPR 22, EN 61000-3-2 - Harmonics, EN 61000-3-3 - Flicker
Immunity	EN 55024 / CISPR 24, IEC 61000-4-2 - ESD, IEC 61000-4-3 - Radiated RF, IEC 61000-4-4 - EFT, IEC 61000-4-5 - Surge, IEC 61000-4-6 - RF Conducted, IEC 61000-4-11 - Voltage dips, interrupts & variations
Certifications	UL, C-UL, CE (100 & 150 WAC PS are not CE Marked), FCC, ICES-003 (Canadian)
NEBS	Specific configurations of this chassis have been NEBS Level 3 certified.

Military Standards	Specific configurations of this chassis have been through MIL-STD testing.
MIL-STD-810F	Method 500.4 Low Pressure (altitude) 15000'; Method 501.4 High Temperature-Operating 50°C; Method 502.4 Low Temperature-Operating 0°C; Method 507.4 Humidity-Operating 75%; Method 514.5 Random Vibration Fig. 514.5C-15 Random Vibration for shipboard use-Operating
MIL-STD-167-1	Sinusoidal Vibration for surface ship environment-Operating