

CT-500

5U 20-slot Rackmount Chassis with 5 Hot-swap Drive Bays and Redundant Power Supply



Features

- 5U-high 20-slot rackmount chassis
- Five half-height disk cartridges with optional RAID solutions
- Hot-swap (3+1) redundant 840 W ATX power supply
- Three internal hot-swappable cooling fans and three enhanced blowers
- Fault detection/alarm notification
- Optional backplane combination

Introduction

The CT-500 is a 5U-high 19" rackmount industrial computer chassis. This chassis can accommodate a 20-slot PCI/ISA bus passive backplane or a standard ATX motherboard. With proven technologies and industrial

computers features, the CT-500 enables users to implement a server and RAID subsystem all-in-one solution for industrial-grade server applications.

Specifications

Drive Bay		Front-accessible	
	5.25"	6	
Cooling	Fan	3 (hot-swap, 115 CFM/each, 12 cm) in middle of chassis	
	Blower	3 (25 CFM/each, 9 cm) on hold-down clamp	
Miscellaneous	Hold-down Clamp	Rubber-buffered hold down clamp	
Environment	Temperature	Operating 0 ~ 50 °C (32 ~ 122 °F)	Non-Operating -20 ~ 80 °C (-4 ~ 176 °F)
	Humidity		5 ~ 95 % @ 60 °C, non-condensing
	Vibration (5-500 Hz)	1.0 Grms	2.0 G
Physical	Dimensions (W x H x D)	482 x 222 x 660 mm (19" x 8.75" x 26")	
	Weight	23 Kg (50.6 lb)	

Optional slim-size CD-ROM and floppy disk drive

Front-accessible hot-swap 3+1 redundant power supply



Five 5.25" HDDs

Alarm reset

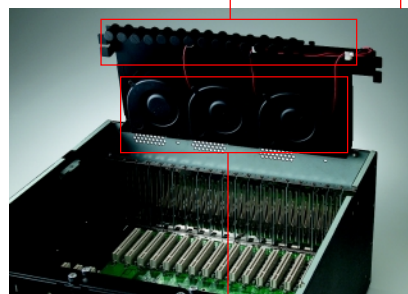
TEMP LED

Fan LED

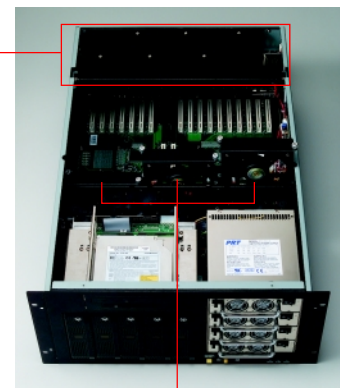
Power LED

Soft switch System reset

Rubber-buffered hold-down clamp



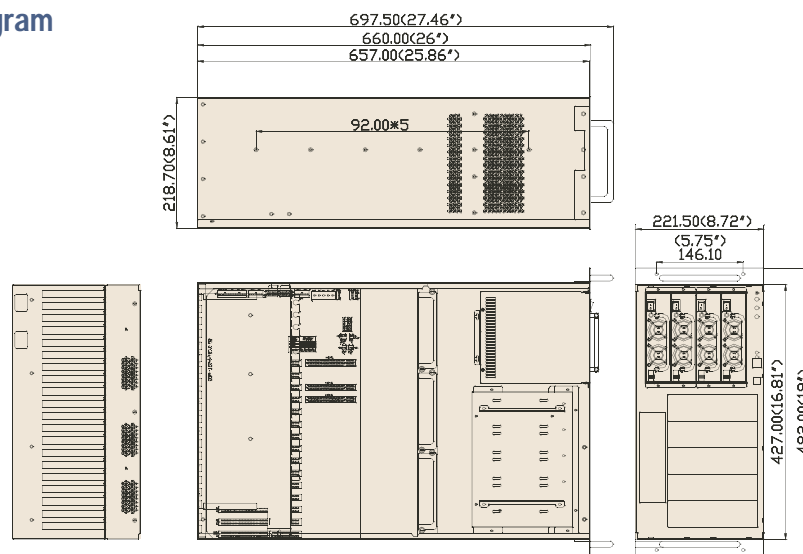
Three 25-CFM enhanced blowers



Three 115-CFM hot-swap cooling fans



Dimension Diagram



Unit: mm (inch)

Power Supply Options

Part Number	Watt	Input	Specifications				Safety	MTBF
			Output	Mini-load				
1757930036	840 W (3 + 1 redundant)	AC 100 - 240 V (full-range)	+3.3 V @ 22 A +5 V @ 30 A -5 V @ 1 A +12 V @ 11 A -12 V @ 1 A +5 Vsb @ 1.5 A	+3.3 V @ 0.3 A +5 V @ 2 A -5 V @ 0.0 A +12 V @ 0.5 A -12 V @ 0.0 A +5 Vsb @ 0.1 A		CL/cUL/CE/TUV	100,000 hours @ 70% load	

Storage Device Options

Part Number	Descriptions
CD-FDD COMBO	Slim type CD-ROM/FDD (fit into 1x full height 5.25" drive bay)
RHC-160-BLK	SCSI Ultra 160 removable HDD cartridge for 80 pin SCA interface

Ordering Information

Part Number	With Backplane	Regulation
CT-500I	PCA-6120P4-0B1	UL, cUL, CE
CT-500P	PCA-6119P17-0B1	UL, cUL, CE

Parts Information

Part Number	Descriptions
1759200770	Blower (97 x 94 x 33 mm)
1759208800	Fan (120 x 120 x 25.4 mm)
1757930036	Single redundant power supply module (300 W)

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- Full-sized CPU Cards **9**
- Industrial Computer Peripherals **10**