CP-150

Features

- Portable enclosure for 6U CompactPCI® boards
- 6-slot 6U CompactPCI backplane
- Built-in 15" LCD Touchscreen
- PICMG 2.5 (CompactPCI Computer Telephony) compliance
- Built-in slim CD-ROM, FDD, and keyboard
- Supports one 3.5" HDD
- Supports AC ATX 400 W power supply

CE FCC ⓊL

Introduction

The CP-150 is a portable enclosure with large built-in 15" LCD Touchscreen and keyboard. It has up to six slots for CompactPCI® 6U cards. The CP-150 can accommodate up to three devices, including one slim-type FDD, one slim-type CD-ROM and one 3.5" HDD. With simplified system cabling and high system reliability, it is ideal for applications which need larger storage capacity and industrial grade reliability. MIC-3358, MIC-3369 and MIC-3390 are recommended CPU boards to provide additional performance.

Specifications

Backplane	6U Slot	System x 1, Peripherals x 5, No rear transition					
	Bus	Up to 64-bit/66 MHz PCI bus					
	H.110 CT Bus	Yes					
	VI/O Voltage	3.3 V/5 V (jumper selectable)					
LCD	Touchscreen	Resistive Touchscreen					
	Display	15" high brightness TFT					
	Resolution	Up to 1024 x 768					
	Adjustment	Manual, Auto, Up and Down					
Keyboard	Keys	108 keys					
	Touch Pad	Yes					
Cooling	Fan	1 (113 CFM) in the bottom of chassis (inlet)					
Miscellaneous	HDD Drive Bay	WD HDD not support					
Power Supply	Input	AC 100 ~ 240 V @ 50 ~ 60 Hz, full range (PFC)					
	Output	AC ATX 400 W					
	AC	+3.3 V	+5 V	-5 V	+12 V	-12 V	+5 Vsb
	Max. Load	28* A	30* A	0.5 A	18 A	0.8 A	2 A
	Min. Load	0.3 A	0.3 A	0 A	0 A	0 A	0 A
Environment		Operating			Non-Operating		
	Temperature	0 ~ 45 °C (32 ~ 113 °F)			-20 ~ 60 °C (-4 ~ 140 °F)		
	Humidity	20 ~ 90 % @ 40 °C, non-condensing			10 ~ 95 % @ 40 °C, non-condensing		
	Shock	10 G			30 G		
	Vibration (5 ~ 500 Hz)	1.0 Grms			2.0 G		
Physical Characteristics	Dimensions (W x H x D)	400 x 291 x 223 mm (15.7" x11.5" x 8.8")					
	Weight	11 Kg (24.2 lb)					
Reliability	MTBF	Backplane			Power supply		
		800,000 hours			50,000 hours @ 25C (exclusive DC fan)		
Serviceability	MTTR	5 minutes					
Compliance	PICMG 2.0 R3.0 CompactPCI Specification PICMG 2.1 R2.0 CompactPCI Hot Swap Specification PICMG 2.5 R1.0 CompactPCI Computer Telephony Specification CE, FCC, UL						

* Means max. (3.3 V, 5 V) = 180 W

ADVANTECH

Backplane Information

Physical Number	1	2	3	4	5	6
Function	System slot	I/O slot	I/O slot	I/O slot	I/O slot	I/O slot

Recommended Configurations

Enclosure	CPU Board
CP-150	MIC-3369C-Mx MIC-3358A-Mx MIC-3358L MIC-3359 MIC-3390

Note: No rear I/O support

Ordering Information
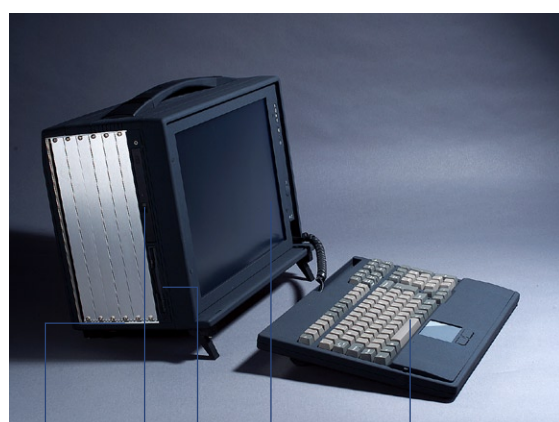
Part Number	CP-150

Accessories

Part Number	Description
9680000197	Carry bag (included)
9680000198	Air cargo bag

Carry bag

Air cargo bag

Bottom fan Slim FDD 15" LCD Keyboard

One slim-type
CD-ROM

Supports 3.5" HDD

Monitor adjustment ATX power supply