MIC-3036

2U CompactPCI® Enclosure with 4-slot 6U Backplane (CT Bus and Rear I/O)

* CompactPCI CPU board is not included.

CE UL FCC

Features

- 4-slot 6U CompactPCI backplane
- Supports rear I/O
- 200 W ATX power supply
- H.110 CT bus compliant (PICMG® 2.5)

Introduction

The MIC-3036 is a 2U-high rugged CompactPCI enclosure for small to medium scale CT applications such as enterprise VoIP gateways and Integrated Access Devices (IADs). Its 6U-size 4-slot backplane reserves one slot for the CPU board, and retains three slots for CompactPCI peripheral boards. All P4 connectors have PICMG 2.5 compliant H.110 CT bus connection for TDM signals in computer telephony applications. The CompactPCI slots on the backplane are horizontal, allowing four boards to be placed in the 2U-high space. With support for up to three one-slot width peripheral boards, the MIC-3036 is well suited for applications requiring both multiple peripheral I/O and space efficiency. The MIC-3036 also supports IEEE 1101.11 rear I/O transition boards. Featuring easily accessible drive bays, the MIC-3036 accommodates up to three devices, including one hard drive, front-accessible slim FDD and CD-ROM.

Specifications

Backplane	6U Slot	System x1, Peripheral x3, Rear transition x4 (80 mm, IEEE 1101.11 compatible)					
	Bus	32-bit/33 MHz, 64-bit/66 MHz					
	H.110 CT Bus	Yes					
	$V_{I/O}$ Voltage	3.3 V/5 V (jumper selectable)					
Drive Bay		Front-accessible			Internal		
	3.5" HDD				1		
	Slim FDD	1					
	Slim CD-ROM	1					
Cooling	Fan	2 (32 CFM/each)					
Power Requirement	Input	AC 100 ~ 240 V @ 47 ~ 63 Hz, full range (PFC)					
	Output	200 W ATX					
		+3.3 V	+5 V	-5 V	+12 V	-12 V	+5 Vsb
	Max. Load	14 A	16 A	0.2 A	9 A	0.7 A	1.5 A
	Min. Load	1 A	2 A	0.1 A	1 A	0.1 A	0.1 A
	Safety	CE, UL, FCC					
Environment		Operating			Non-Operating		
	Temperature	0 ~ 45 °C (32 ~ 113 °F)			-40 ~ 60 °C (-40 ~ 140 °F)		
	Humidity	--			95 % @ 60 °C, non-condensing		
	Vibration (5-500 Hz)	1.0 Grms			2.0 G		
Physical	Dimensions (W x H x D)	441 x 88 x 295 mm (17.3" x 3.5" x 11.6")					
	Weight	6 Kg (13.2 lb)					
Reliability	MTBF	84,000 hours					
Compliance	Standard	PICMG 2.0, R3.0 CompactPCI Specification PICMG 2.1, R1.0 Hot-Swap Specification PICMG 2.5, R1.0 Computer Telephony Specification					

Advantech may make changes to specifications and product descriptions at any time, without notice.

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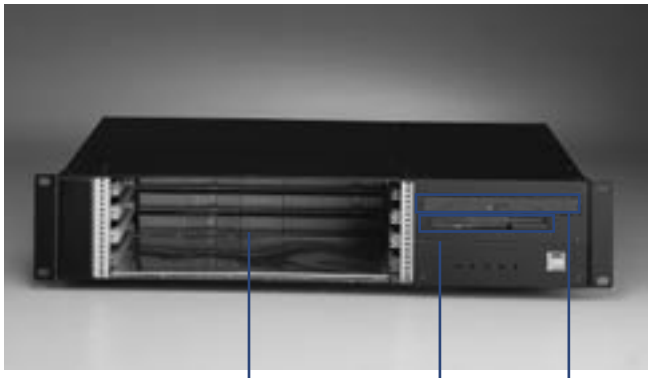

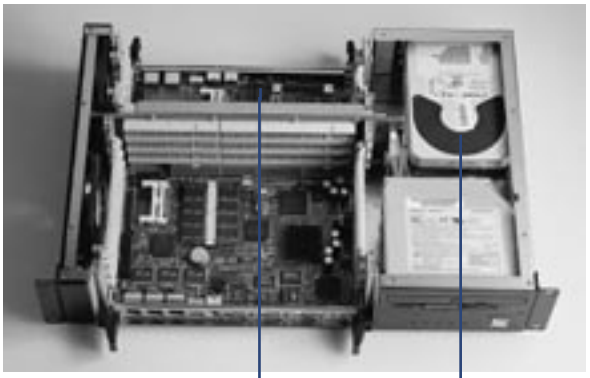

Recommended Configurations

Enclosure	CPU Board		Rear I/O Board
	Master	Slave	
MIC-3036-A	MIC-3377/M MIC-3389		RIO-3301, RIO-3302, RIO-3302S
	MIC-3368-A MIC-3368B-A		RIO-3308A
	MIC-3368C-A		RIO-3308C
	MIC-3368E-A MIC-3368E1-A		RIO-3308C RIO-3308S
		MIC-3366 MIC-3366B	RIO-3306
	MIC-3358A MIC-3369A		RIO-3309C
MIC-3036-S	MIC-3377/M MIC-3389		RIO-3303

Ordering Information

Part Number	RIO-3303	CD, FDD	Power Supply
MIC-3036-A	--	--	200 W ATX
MIC-3036-S	Yes	Yes	200 W ATX

Parts Information

Part Number	Descriptions
1757920002	200 W ATX power supply