

# MIC-3036-S2

## 2U CompactPCI® Enclosure with 4-slot 6U Backplane (CT Bus)



CE FCC UL

### Features

- 4-slot 6U CompactPCI® backplane
- AC ATX 250 W power supply
- PICMG 2.5 (CompactPCI Computer Telephony) compliance
- Built-in slim CD-ROM and FDD
- Supports one 3.5" HDD drive bay

### Introduction

The MIC-3036-S2 is a 2U 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 space. With support for up to three one-slot width peripheral boards, the MIC-3036-S2 is well suited for applications requiring both multiple peripheral I/O and space efficiency. The MIC-3036-S2 also supports IEEE 1101.11 rear I/O transition boards. Featuring easily accessible drive bays, the MIC-3036-S2 accommodates up to three devices, including one hard drive, front-accessible slim FDD and CD-ROM.

### Specifications

Backplane	6U Slot	System x 1, Peripheral x 3, Rear transition x 4 (80 mm, IEEE 1101.11 compliant)					
	Bus	32-bit/33 MHz, 64-bit/66 MHz					
	H.110 CT Bus	Yes					
	VI/O Voltage	3.3 V/5 V (jumper selectable)					
Drive Bay	3.5" HDD	Front-accessible			Internal		
	Slim FDD	-			1		
	Slim CD-ROM	1			1		
		1			1		
Cooling	Fan	2 (front: 61.36 CFM , rear: 35.31 CFM)					
Power Supply	Input	AC 100 ~ 240 V @ 50 ~ 60 Hz, full range (PFC)					
	Output	AC ATX 250 W					
		+3.3 V	+5 V	-5 V	+12 V	-12 V	+5 Vsb
	Max. Load	20 A	24 A	0.5 A	12 A	0.5 A	1.5 A
	Min. Load	1 A	3 A	0 A	2 A	0 A	0.1 A
	Safety	CE, FCC, UL					
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 Characteristics	Dimensions (W x H x D)	437 x 88 x 305 mm (17.2" x 3.5" x 12")					
	Weight	6 Kg (13.2 lb)					
Reliability	MTBF	84,000 hours					
Compliance		PICMG 2.0 R3.0 CompactPCI Specification PICMG 2.1 R1.0 CompactPCI Hot Swap Specification PICMG 2.5 R1.0 CompactPCI Computer Telephony Specification					

## Backplane Information

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

MIB-3056, CT Bus backplane (for MIC-3036-S2)

## Recommended Configurations

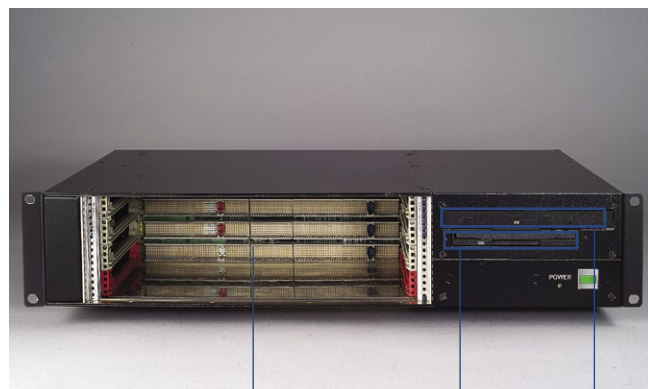
Enclosure	CPU Board Master	Rear I/O Board
MIC-3036-S2	MIC-3389	RIO-3301, RIO-3302, RIO-3302S
	MIC-3358L, MIC-3359	RIO-3309L
	MIC-3358A-Mx, MIC-3369C-Mx	RIO-3309C, RIO-3309S-Ax
	MIC-3390	RIO-3310S-Ax

## Ordering Information

Part Number	Slim CD-ROM and FDD	Power Supply
MIC-3036-S2	Yes	AC ATX 250 W

## Accessories

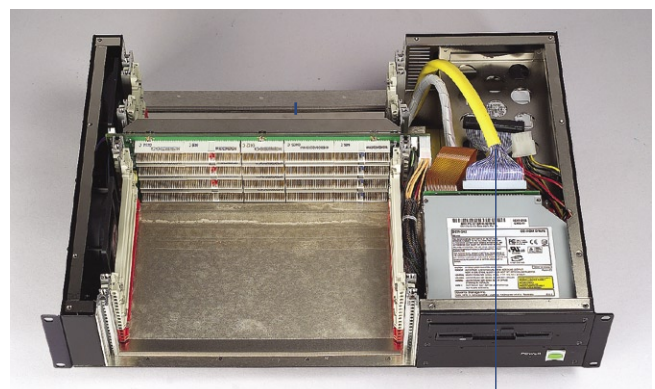
Part Number	Description
1757000064	AC ATX 250 W power supply (included)



4-slot backplane with H.110 CT Bus

One slim-type FDD

One slim-type CD-ROM



One 3.5" HDD bracket