

MIC-3056

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



* CompactPCI CPU board is not included.

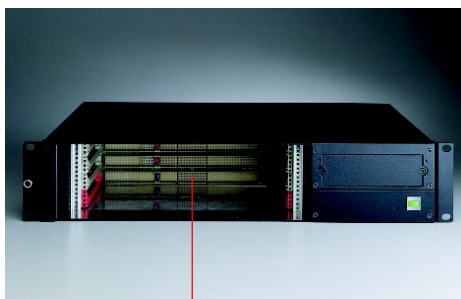
Features

- 4-slot 6U CompactPCI backplane
- Supports rear I/O
- 300 W ATX 1+1 redundant power supply
- H.110 CT bus compliant (PICMG® 2.5)
- Hot-swappable fans provide outstanding ventilation
- Optional Chassis Management Module

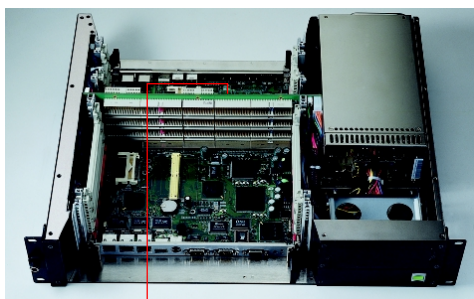
Introduction

Designed for small to medium scale CT applications such as enterprise VoIP gateways and Integrated Access Devices (IADs), the MIC-3056 is a 2U-high CompactPCI enclosure, which can allocate four 6U CompactPCI CPU boards. In addition to being cost-effective and space-conscious, the CPU board modular design is hot-swappable in front; allowing efficient installation, maintenance, and upgradability. The hot-swappable fans conveniently assist users when managing and maintaining the system. The MIC-3056 also

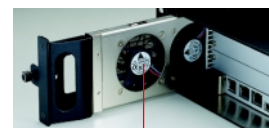
monitors the internal temperature via optional Chassis Management Module to avoid any over-heating from occurring. The 300 W ATX 1+1 redundant power supply design not only enhances its reliability but also makes this 2U platform especially suitable for mission-critical applications under hazardous environments. The CT bus is H.110 compliant (PICMG 2.5) and rear I/O supported. The MIC-3056's most unique feature is that a single slot can also be converted into a media slot to facilitate storage system expansion.



4-slot backplane with H.110 CT bus



Supports IEEE 1101.11 rear I/O transition boards



Hot-swappable fan module



300 W 1+1 redundant ATX power supply



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 _{IO} Voltage	3.3 V/5 V (jumper selectable)					
Cooling	Fan	3 (hot-swap, 21 CFM/each)					
Power Requirement	Input	AC 100 ~ 240 V @ 47 ~ 63 Hz, full range (PFC)					
	Output	300 W ATX (1+1 redundant, 300 W/each)					
		+3.3 V*	+5 V*	-5 V	+12 V	-12 V	+5 Vsb
	Max. Load	20 A	32 A	0.5 A	16 A	0.8 A	1.5 A
	Min. Load	1 A	3 A	--	2 A	--	0.1 A
	Safety	CE, UL, cUL, TÜV					
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 359 mm (17.3" x 3.5" x 14.1")					
	Weight	7.5 Kg (16.5 lb)					
Reliability	MTBF	100,000 hours					
Serviceability	MTTR	5 minutes					
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					

* Max. output 280 W for + 5V and +3.3 V

Recommended Configurations

Enclosure	CPU Board		Rear I/O Board	Alarm Module and CMM	Remark
	Master	Slave			
MIC-3056A/4-2R	MIC-3389 MIC-3377/M MIC-3357		RIO-3301 RIO-3302 RIO-3302S	N/A	
	MIC-3365 MIC-3365F		RIO-3301 MIC-3302 MIC-3302F		
	MIC-3368 MIC-3368B		RIO-3308	MIC-3924B (Optional)	
	MIC-3368E MIC-3368E1		RIO-3038C RIO-3038E		
		MIC-3366* MIC-3366B	RIO-3306		
	MIC-3369A MIC-3358A		RIO-3309C	MIC-3924A MIC-3924B (Optional)	
MIC-3056B/4-2R	MIC-3389 MIC-3377/M MIC-3357		RIO-3301 RIO-3302 RIO-3302S	N/A	MIC-3960 (Optional)
	MIC-3365 MIC-3365F		RIO-3301 MIC-3302 MIC-3302F		
		MIC-3366* MIC-3366B	RIO-3306		

* Peripheral SBC

Ordering Information

Part Number	System Slot	Media Carrier Board MIC-3960 Slot	Peripheral Slot	Rear Transition	Power Supply
MIC-3056A/4-2R	1	-	3	4	300 W ATX (1+1 redundant, 300 W/each)
MIC-3056B/4-2R	1	1	2	3	300 W ATX (1+1 redundant, 300 W/each)

Parts Information

Part Number	Descriptions
1757930046	300 W ATX redundant power supply
1757930035	Single power supply module for 300 W ATX (P/N: 1757930046)
9682305600	Hot-swappable fan module (3 fans)

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