

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 compliance (PICMG® 2.5)
- Hot-swappable fans provide outstanding ventilation
- Optional intelligent chassis management module (MIC-3924L/A/B)

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 accommodate four 6U CompactPCI CPU boards. In addition to being cost-effective and space-conscious, the CPU board's modular design is hot-swappable from the front allowing efficient installation, maintenance, and upgrade ability. 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 over-heating. 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-

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					
	VI/O Voltage	3.3 V/5 V (jumper selectable)					
Cooling	Fan	3 (hot-swap, 21 CFM/each)					
Power Requirement	Input	AC 100 ~ 240 V @ 50 ~ 60 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 Characteristics	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 + 5 V and +3.3 V

Recommended Configurations

Enclosure	CPU Board	Rear I/O Board	Alarm Module and CMM (upon request)	Remark
MIC-3056A/4-2R	MIC-3377/M, MIC-3389	RIO-3301, RIO-3302, RIO-3302S	MIC-3924L	-
	MIC-3368B-A	RIO-3308	MIC-3924A/B/L	-
	MIC-3368E-A	RIO-3308C	MIC-3924A/B/L	-
	MIC-3368E1-A	RIO-3308S	MIC-3924A/B/L	-
	MIC-3358L, MIC-3359	RIO-3309L	MIC-3924A/B/L	-
MIC-3056B/4-2R	MIC-3358A-Mx, MIC-3369A-Mx MIC-3369C-Mx	RIO-3309C, RIO-3309S-A2	MIC-3924A/B/L	-
	MIC-3377/M, MIC-3389	RIO-3301, RIO-3302, RIO-3302S	MIC-3924L	MIC-3960 (optional)

* Peripheral SBC

Ordering Information

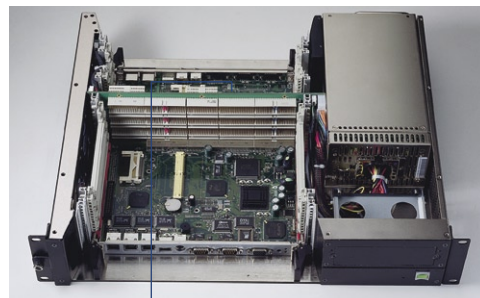
Part Number	System Slot	Media Carrier Board MIC-3960 Slot	Peripheral Slot	Rear Transition	Power Supply
MIC-3056A/4-2R	1	-	3	4	300 W ATX (1+1 redundant, 300 W/each)
MIC-3056B/4-2R	1	1	2	3	300 W ATX (1+1 redundant, 300 W/each)

Accessories

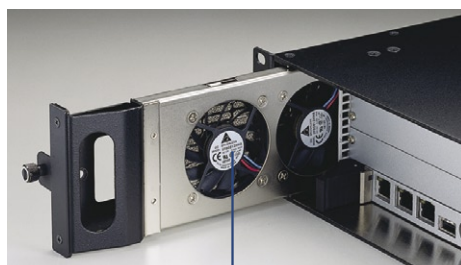
Part Number	Description
1757930046	300 W ATX redundant power supply
1757930035	Single power supply module for 300 W ATX (P/N: 1757930046)
9682305600	Hot-swappable fan module (3 fans)
968A390000	MIC-3924A-A intelligent chassis management module
968A390010	MIC-3924B-A intelligent chassis management module with blade server support
968A390020	MIC-3924L-A alarm module



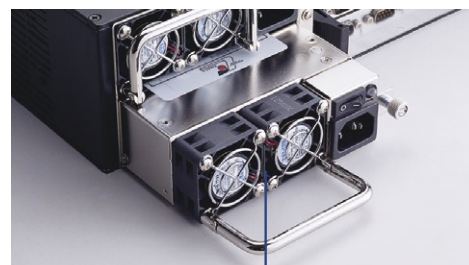
4-slot backplane with H.110 CT Bus



Supports IEEE 1101.11 rear I/O transition boards



Hot-swappable fan module



300 W 1+1 redundant ATX power supply

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