MIC-3056

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

* CompactPCI CPU board is not included.

Features

- 4-slot 6U CompactPCI® backplane
- AC ATX 300 W + 300 W redundant (1+1) power supply
- PICMG 2.5 (CompactPCI Computer Telephony) compliance
- 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 CompactPCI enclosure that 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 an 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 in hazardous environments. The CT Bus is H.110 compliant (PICMG 2.5) and rear I/O is supported.

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					
	V (I/O)	3.3 V/5 V (jumper selectable)					
Cooling	Fan	3 (hot-swap, 21 CFM each)					
Power Supply	Input	AC 100 ~ 240 V @ 50 ~ 60 Hz, full range (PFC)					
	Output	AC ATX 300 W + 300 W redundant (1+1)					
		+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
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)	440 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	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						
	RoHS, CE, FCC, UL						

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

Backplane Information

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

Recommended Configurations

Enclosure	CPU Board	Rear I/O Board	Chassis Management Module (Upon Request)
	Master		
MIC-3056A/4-2RE	MIC-3359E MIC-3359-AE MIC-3359-BE	RIO-3309LE	MIC-3924A-BE MIC-3924L-AE
	MIC-3358A-MxE MIC-3369C-MxE	RIO-3309C-AE	MIC-3924A-BE MIC-3924L-AE MIC-3927AE
	MIC-3390E, MIC-3390-AE, MIC-3392A-MxE, MIC-3392B-MxE	RIO-3310S-AxE, RIO-3310AE	MIC-3924A-BE MIC-3924L-AE MIC-3927AE

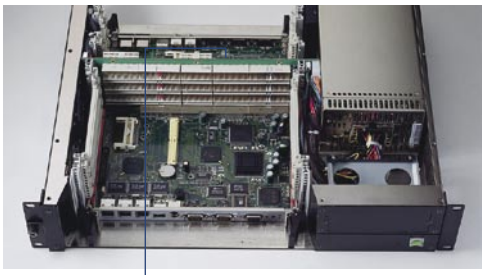
Ordering Information

Part Number	System Slot	Peripheral Slot	Rear Transition	Power Supply
MIC-3056A/4-2RE	1	3	4	AC ATX 300 W + 300 W redundant (1+1)

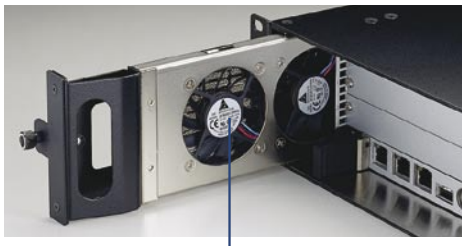
Accessories

Part Number	Description
1757000172G	AC ATX 300 W + 300 W redundant (1+1) power supply (included)
1757000219G	Single power supply module for 300 W ATX
9682305600	Hot-swappable 3-fan module (included)
968A390000	MIC-3924A-B intelligent chassis management module
968A390020	MIC-3924L-A alarm module
968A390030	MIC-3927 intelligent chassis management module (IPMI)

4-slot backplane with H.110 CT Bus



Supports IEEE 1101.11 rear I/O transition boards



Hot-swappable fan module

AC ATX 300 W + 300 W redundant (1+1) power supply