

MIC-3038

4U CompactPCI® Enclosure with 8-slot 6U Backplane and Redundant Power Supply (CT Bus)



Features

- 8-slot 6U CompactPCI® backplane
- AC ATX 350 W + 350 W redundant (1+1) power supply
- Hot-swappable fans
- PICMG 2.5 (CompactPCI Computer Telephony) compliance
- Optional chassis management module

Introduction

The MIC-3038 is a high-performance CompactPCI platform with an 8-slot 6U backplane in a 4U-high enclosure. The 8-slot backplane dedicates one slot to the system CPU board and seven slots to peripheral boards, and it also supports PICMG 2.5 compliant H.110 CT Bus and IEEE 1101.11 rear I/O cards. Featuring high availability and ample room for expansion, the MIC-3038 is compliant with the PICMG 2.5 computer telephony specifications. Its hot-swappable fan module offers outstanding ventilation and the redundant power supplies provides 24/7 non-stop operation. An optional chassis management module guarantees system fault detection.

Specifications

Backplane	6U Slot	System x 1, Peripheral x 7, Rear transition x 8 (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	1 (hot-swap, 163 CFM), 1 (hot-swap, 44 CFM)					
Power Supply	Input	AC 100 ~ 240 V @ 50 ~ 60 Hz, full range (PFC)					
	Output	AC ATX 350 W redundant power module					
		+3.3 V*	+5 V*	-5 V	+12 V	-12 V	+5 Vsb
	Max. Load*	35 A	35 A	-	8 A	0.8 A	2 A
Min. Load	1 A	3 A	-	0.5 A	0 A	0 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 177 x 340 mm (17.3" x 7" x 13.4")					
	Weight	13 kg (28.6 lb)					
Reliability	MTBF	100,000 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 RoHS, CE, FCC, UL					

* Max. output 35 A for +5 V and +3.3 V

Backplane Information

Physical Number	Function
8	I/O slot
7	I/O slot
6	I/O slot
5	I/O slot
4	I/O slot
3	I/O slot
2	I/O slot
1	System slot

MIC-3038A, CT backplane

Recommended Configurations

Enclosure	Master CPU Board	Rear I/O Board	Optional Chassis Management Module
MIC-3038A/8-4RE	MIC-3358A-MxE, MIC-3369C-MxE MIC-3390E, MIC-3390-AE, MIC-3392A-MxE MIC-3392B-MxE	RIO-3309C-AE, RIO-3309S-A2E RIO-3310S-AxE, RIO-3310AE	MIC-3924L-AE MIC-3927AE

Ordering Information

Part Number	System Slot	Media Carrier Board (MIC-3960) Slot	Peripheral Slot	Backplane			Power Supply
				Rear Transition	Segment		
MIC-3038A/8-4RE	1	-	7	8	1	AC ATX 350 W redundant (1+1)	

Accessories

Part Number	Description
1757000181G	AC ATX 350 W + 350 W redundant (1+1) power supply (included)
1757000220G	AC ATX 350 W redundant power module
9682303800	Front hot-swappable fan module (163-CFM) (included)
9682303801	Rear hot-swappable fan module (44-CFM) (included)
968A390001	MIC-3924A-BE intelligent chassis management module
968A390021	MIC-3924L-AE alarm module
968A390031	MIC-3927AE intelligent chassis management module (IPMI)



8-slot backplane with H.110 CT Bus

Optional chassis management module



Hot-swappable fan module provides outstanding ventilation

AC 350 W redundant (1+1) power supply