MIC-3042

4U CompactPCI® Enclosure with cPCI Power Supply (non-CT Bus)



Features

- 8-slot 6U CompactPCI® backplane
- AC cPCI 500 W + 250 W redundant (2+1) power supplies

Introduction

The MIC-3042 is a 4U enclosure designed for standard cPCI power supplies. It is equipped with a cPCI 500 W redundant 2+1 power supply with hot-swap support. The system has 8 slots for CompactPCI boards and 6 slots for IEEE 1101.11 rear I/O transition boards. The MIC-3042 comes with a built-in high quality backplane that supports 64-bit / 66 MHz PCI cards.

Specifications

		MIC-3042C			
Backplane	6U Slot	System x 1, Peripheral x 7 Rear transition x 8 (80 mm, IEEE1101.11 compliant)			
Cooling	Fan	2 (front: 193 CFM, rear: 61.3 CFM)			
Power Supply	Input	AC 100 ~ 254 V @ 50 ~ 60 Hz, full range (MIC-3042X-A)			
	Output	AC cPCI 250 W redundant power module			
		+3.3 V	+5 V	+12 V	-12 V
	Max. Load	36 A	50 A	10 A	1 A
	Min. Load	0 A	2.0 A	0 A	0 A
Environment		Operating		Non-Operating	
	Temperature	0 ~ 45 °C (32 ~ 113 °F)		-20 ~ 60 °C (-4 ~ 140 °F)	
	Humidity	20 ~ 90% @ 40 °C, non-condensing		10 ~ 95% @ 40 °C, non-condensing	
	Shock	10 G		30 G	
	Vibration (5 ~ 500 Hz)	1.0 Grms		2.0 G	
Physical Characteristics	Dimensions (W x H x D)	440 x 177 x 320 mm (17.3" x 7" x 12.6")			
	Weight	18 kg (39.7 lb)			
Reliability	MTBF	Backplane	Fan module	Power supply	
		800, 000 hours	50, 000 hours @ 25 °C	100, 000 hours @ 70% load	
Serviceability	MTTR	5 minutes			
Compliance	PICMG 2.0 R3.0 CompactPCI Specification PICMG 2.1 R2.0 CompactPCI Hot Swap Specification PICMG 2.11 R3.0 Front-Access Power Connectors Specification PICMG 2.16 R1.0 CompactPCI Packet Switching Backplane Specification (non-standard offering, available upon request)				
	RoHS, CE, FCC, UL, CCC				

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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-3042C, non-CT backplane (for MIC-3042C series)

Recommended Configurations

Enclosure	CPU Board	Rear I/O Board	Chassis Management Module		
MIC-3042CE MIC-3042C-AE	MIC-3395A1-M4E, MIC-3395A2-M4E, MIC-3395C1-M4E MIC-3396HA-M8E, MIC-3396HB-M8E, MIC-3396HC-M8E, MIC-3396HD-M8E, MIC-3396HE-M8E MIC-3397A2-M8E, MIC-3397C2-M8E MIC-3397B1-M8E, MIC-3397C1-M8E	RIO-3315-A1E, RIO-3315-B1E, RIO-3315-C1E, RIO-3316-C1E, RIO-3317	Included MIC-3924L-AE	or	Optional MIC-3927CE

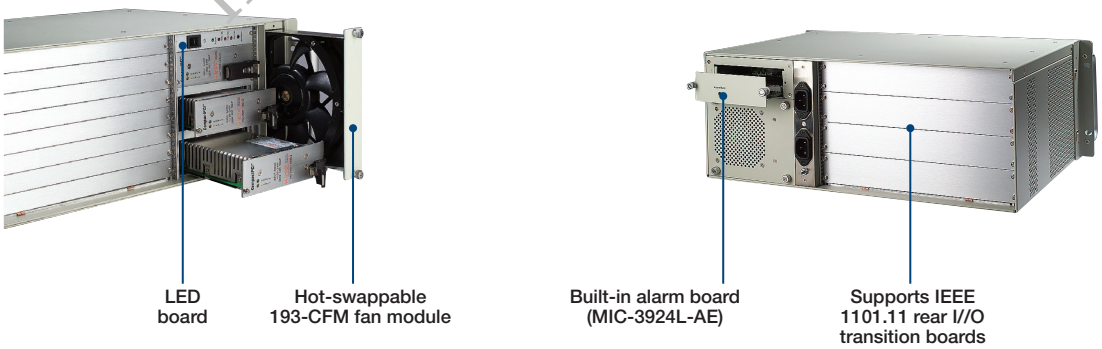
Ordering Information

Part Number	PICMG 2.16	PICMG 2.5	PCI	Switch Board Support	Media Blade Support	Chassis Management Module	cPCI Power Supply
MIC-3042CE	-	-	Yes	-	-	MIC-3924L-AE	-
MIC-3042C-AE	-	-	Yes	-	-	MIC-3924L-AE	AC cPCI 500 W + 250 W redundant (2+1)

For PICMG 2.16 support inquiry, please contact your Advantech local representative

Optional Accessories

Part Number	Description
1757004516-01	One AC cPCI 250 W redundant power module
MIC-3927CE	MIC-3927 Intel®ligent chassis management module (IPMI)



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