

MIC-3041

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



Features

- 6-slot 6U CompactPCI® backplane
- Supports two hot-swappable SCSI or removable 3.5" IDE HDD bays
- Built-in IDE slim-type CD-ROM and floppy
- AC ATX 350 W redundant (1+1) power supply
- Supports hot-swappable fan modules
- Built-in alarm module (MIC-3924L-AE)

Introduction

The MIC-3041 is a 4U enclosure designed for mission critical and high reliability applications. It is equipped with a redundant power supply and hot-swappable fan module to minimize MTTR (Mean-Time-to-Repair). This system supports 6 CompactPCI and IEEE 1101.11 rear I/O transition boards. Users can route I/O signals to the rear transition boards for simplified system cabling. Front boards pop in and out without any hardwiring. The MIC-3041 has two non-RAID hot-swappable SCSI or removable 3.5" IDE HDD bays as standard. One slim FDD and CD-ROM provide users more flexibility for storage media demands. The backplane complies with the PICMG 2.5 H.110 CT Bus, which is the open architecture used to build telecom solutions and development platforms.

Specifications

		MIC-3041A/6-4R	MIC-3041B/6-4R				
Backplane	6U Slot	System x 1, Peripheral x 5, Rear transition x 6 (80 mm, IEEE1101.11 compliant)					
	Bus	32-bit/33 MHz, 64-bit/66 MHz					
	H.110 CT Bus	Yes					Yes
	V (I/O)	3.3 V / 5 V (jumper selectable)					
Drive Bay	3.5" SCSI HDD	2 (hot-swappable)					-
	3.5" IDE HDD	-					2 (removable)
	Slim CD-ROM	1					1
	Slim FDD	1					1
Cooling	Fan	1 (163 CFM) on the chassis left side (outlet)					
Power Supply	Input	AC 100 ~ 240 V @ 50 ~ 60 Hz, full range					
	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	-	-
Environment		Operating			Non-Operating		
	Temperature	0 ~ 45° C (32 ~ 113° F)			-40 ~ 60° C (-40 ~ 140° F)		
	Humidity	-			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 340 mm (17.3" x 7" x 13.3")					
	Weight	14 kg (30.8 lb)					
Reliability	MTBF	100,000 hours					
Serviceability	MTTR	5 minutes					
Compliance		PICMG 2.0 R3.0 CompactPCI Specification PICMG 2.1 R2.0 CompactPCI Hot Swap Specification PICMG 2.5 R1.0 CompactPCI Computer Telephony Specification					
		RoHS, CE, FCC, UL					

Backplane Information

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

MIB-3041A, CT Bus backplane (for MIC-3041A/6-4R & MIC-3041B/6-4R)

Recommended Configurations

Enclosure	CPU Board	RIO Card*	Chassis Management Module
MIC-3041A/6-4RE	MIC-3358A-MxE MIC-3369C-MxE	RIO-3309S-A1E	Included MIC-3924L-AE Optional MIC-3924A-BE MIC-3927AE
	MIC-3390E MIC-3390-AE MIC-3392A-ME, MIC-3392B-MxE	RIO-3310S-A1E	
MIC-3041B/6-4RE	MIC-3358A-MxE MIC-3369C-MxE	RIO-3309C-AE, RIO-3309S-A2E	
	MIC-3359E MIC-3359-AE MIC-3359-BE	RIO-3309LE	
	MIC-3390E MIC-3390-AE MIC-3392A-MxE MIC-3392B-MxE	RIO-3310S-A2E RIO-3310AE	

* Rear I/O of peripheral slot #6 which is reserved for SCSI or IDE cable routing can not be used.

Ordering Information

Part Number	Chassis Color	CD-ROM	FDD	HDD Bay	Power Supply	H.110 CT Bus	Chassis Management Module
MIC-3041A/6-4RE	Black	1	1	2 (SCSI)	AC ATX 350 W redundant (1+1)	Yes	MIC-3924L-AE
MIC-3041B/6-4RE	Black	1	1	2 (IDE)	AC ATX 350 W redundant (1+1)	Yes	MIC-3924L-AE

Accessories

Part Number	Description
1757000181G	AC ATX 350 W + 350 W redundant (1+1) power supply (included)
1757000220G	AC 350 W redundant power module
9682304100	163-CFM left hand side fan module (outlet) (included)
9692304160	IDE drawer board supporting Maxtor hard drives (included)
968A390001	MIC-3924A-BE intelligent chassis management module
968A390021	MIC-3924L-AE alarm module
968A390031	MIC-3927AE intelligent chassis management module

