

MIC-3032

9U CompactPCI® Enclosure with 8-slot 6U Backplane and Redundant Power Supply (CT Bus and Rear I/O)



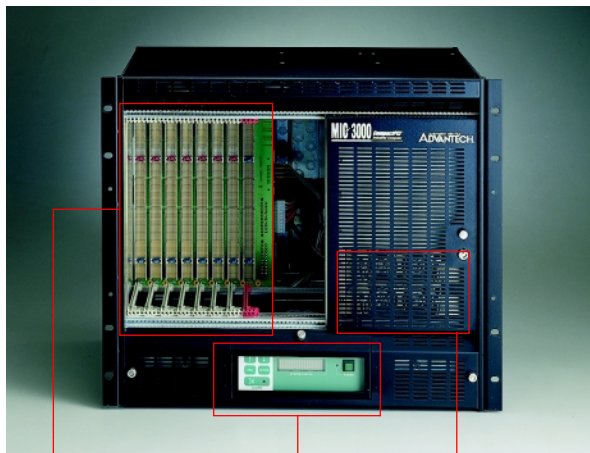
Features

- 8-slot 6U CompactPCI backplane
- Supports rear I/O
- Versatile power options
- Hot-swappable fan module
- H.110 CT bus compliant (PICMG® 2.5)
- Built-in alarm module (MIC-3921-A)

Introduction

The MIC-3032 is a 9U-high enclosure ideal for large-scale CT applications such as media servers and media gateways. Equipped with an 8-slot, 6U CompactPCI backplane, the MIC-3032 supports PICMG 2.5 compliant H.110 CT bus and IEEE 1101.11 rear I/O. Its easily front-access drive bay accommodates up to four devices, including hard disk drives and floppy disk drives, eliminating the need to disassemble the chassis during device replacement, and shortening the MTTR for maintenance. Without interrupting

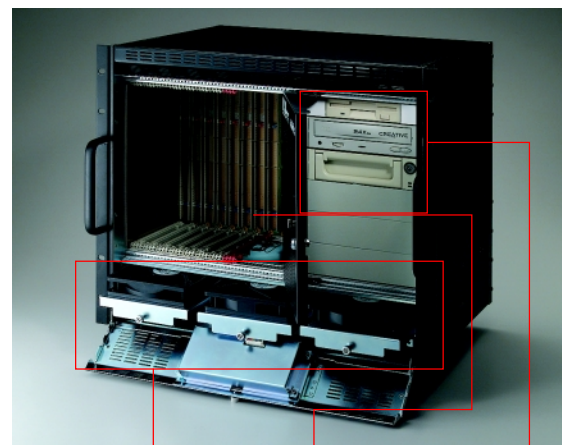
the operation of the system, each of the high-speed fans are hot-swappable, and are integrated within the 2U-high fan tray providing forced airflow into the system. With its built-in alarm module, the MIC-3032 is integrated with a system fault-detection and alarm notification. Versatile power supply options and configurations can be made according to particular application requirements.



8-slot backplane with H.110 CT bus

System fault-detection and alarm notification, MIC-3921, monitoring voltage, temperature, fan operation, and power supply status

300 W ATX 1+1 redundant power supply: MIC-3032/8-9R



Three hot-swappable 86-CFM fan modules underneath to the system for optimize ventilation

Dust-proof metallic cover

Three 5.25" drive bays and one 3.5" drive bay (MIC-3032/8-9A)



Specifications

Backplane	6U Slot	System x1, Peripheral x7, Rear transition x8 (80 mm, IEEE 1101.11 compatible)	
	Bus	32-bit/33 MHz, 64-bit/66 MHz	
	H.110 CT Bus	Yes	
	V _{IO} Voltage	3.3 V/5 V (MIC-3920-A selectable)	
Drive Bay	5.25" HDD	3	
	3.5" HDD	1	
Cooling	Fan	3 (hot-swap, 86 CFM/each)	
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	Dimensions (W x H x D)	440 x 400 x 342 mm (17.3" x 15.8" x 13.5")	
	Weight	15.0 Kg (33.0 lb)	
Reliability	MTBF	100,000 hours	
Compliance	Standard	PICMG 2.0, R2.1 CompactPCI Specification PICMG 2.1, R1.0 Hot-Swap Specification PICMG 2.5, R1.0 Computer Telephony Specification	

Ordering Information and Power Supply Specifications

Part Number	Power Supply P/N	Input	Power Supply Specifications			Output	Safety
				Max. Load	Min. Load		
MIC-3032/8-9A	9688000003	AC 90 ~ 135 V or AC 180 ~ 265 V @ 47 ~ 63 Hz, switchable	+3.3 V	20 A	0.1 A	400 W	CE, UL, TÜV, CB
			+5 V	42 A	2.5 A		
			-5 V	1 A	--		
			+12 V	14 A	0.5 A		
			-12 V	1 A	--		
			+5 Vsb	0.75 A	--		
MIC-3032/8-9R	1757930012*	AC 90 ~ 264 V @ 47 ~ 63 Hz	+3.3 V	22 A	--	300 W (1+1 redundant, 300 W/each)	CE, UL, TÜV, CB
			+5 V	30 A	2 A		
			-5 V	1 A	--		
			+12 V	11 A	0.5 A		
			-12 V	1 A	--		
			+5 Vsb	1.5 A	--		
MIC-3032/8-9D	9688000004	DC 48 V	+3.3 V	20 A	0.1 A	400 W	UL, TÜV, CB
			+5 V	42 A	2.5 A		
			-5 V	1 A	--		
			+12 V	14 A	0.5 A		
			-12 V	1 A	--		
			+5 Vsb	0.75 A	--		

* The redundant power supply is in the front.

Recommended Configurations

Enclosure	CPU Board Master	Rear I/O Board	Alarm Module and CMM
MIC-3032/8-9R	MIC-3389 MIC-3377/M MIC-3357	RIO-3301 RIO-3302 RIO-3302S	MIC-3921
	MIC-3365 MIC-3365F	RIO-3301 MIC-3302 MIC-3302F	

Parts Information

Part Number	Descriptions
MIC-3921-A	Intelligent monitoring and alarm module with utility CD
9662303206	Fan tray module including metal bracket, 86-CFM fan x1, fan filter and foam and connector
9662303210	Fan tray module including metal bracket, 115-CFM fan x1, and connector
1757930036	Single power supply module for 300 W ATX (P/N: 1757930012)

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