

MIC-3041L

4U CompactPCI® Enclosure with 4-slot 6U Backplane and ATX Power Supply

NEW



CE UL FCC

Features

- Cost Effective 4U-high enclosure for 6U CompactPCI® boards
- 6U CompactPCI H.110 CT bus or non CT bus backplane with 4 slots
- Choice of CPU boards featuring Intel® Pentium® 4 processors
- Simple cabling, supports RIO-3309L rear I/O transition card
- Built-in slim type FDD and slim type CD-ROM
- Easy to manage, built-in optional intelligent chassis management module (MIC-3924L-A)
- Self maintenance, supports hot swappable fan module
- Built-in 300W AC-input ATX power supply
- IDE, floppy and USB interfaces on the backplane

Introduction

MIC-3041L is an ideal entry level CompactPCI® platform. It is a cost effective 4U high enclosure with 6U CompactPCI H.110 CT bus or non CT bus backplane with 4 slots. The built-in high quality backplane provides 64 bit/66 MHz bus speed. It is suitable for Telecommunication, Computer Telephony Integration, and Industrial Automation applications. The MIC-3041L supports IEEE 1101.11 rear I/O Transition boards. Users can route I/O signals to the rear transition boards to simplify system cabling. Front boards pop in and out without any hardwiring. An efficient hot swappable fan module gives you self maintenance capability. The fifth and sixth slots are reserved for a choice of CPU boards featuring Intel® Pentium® 4 processors up to 2.0 GHz. With the chassis management module (MIC-3924L-A), the chassis temperature and fan speed can be detected.

Specifications

Backplane	6U Slot	6U CompactPCI x4, transition x 4 (80mm, IEEE1101.11 compatible)					
	Bus	32-bit/33 MHz, 64-bit/66 MHz					
	V _{IO} Voltage	+ 3.3 V/+ 5 V (selectable)					
Drive Bays	3.5" IDE HDD	2 (non removable)					
	CD-ROM	1 (slim type)					
	FDD	1 (slim type)					
Cooling	Fan	1 (163 CFM) on the chassis left hand side (outlet)					
Power Requirement	Input	AC 100-240 V @ 47-63 Hz, full range					
	Output	300W ATX with PFC					
		+3.3 V	+5 V	-5 V	+12 V	-12 V	+5 Vsb
	Max. Load	28 A	30 A	0.3 A	15 A	0.8 A	2.0 A
	Min. Load	0.3 A	0.1 A	0.0 A	0.0 A	0.0 A	0.0 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 Grms		
Physical	Dimensions (W x H x D)	440 x 177 x 300 mm (17.3" x 7" x 11.8")					
	Weight	11.2 kg (24.7 lb)					
Reliability	MTBF	100,000 hours					
Serviceability	MTTR	5 minutes					
Compliance	Standard	PICMG 2.0 R3.0 CompactPCI Specification PICMG 2.1 R 2.0 CompactPCI Hot Swap Specification PICMG 2.5 CompactPCI Computer Telephony Specification (optional)					

Backplane Information

5	System slot
4	I/O slot
3	I/O slot
2	I/O slot

MIC-3803, 64-bit PCI, Non-CT backplane (for MIC-3041L-CA)

5	System slot
4	I/O slot
3	I/O slot
2	I/O slot

MIC-3805, 64-bit PCI, Non-CT backplane (for MIC-3041L-TA)

Recommended Configurations

Enclosure	CPU Board	Rear I/O Board
MIC-3041L-TA	MIC-3359	--
	MIC-3358L	RI0-3309L
	MIC-3358A, MIC-3369A	RI0-3309C-A
MIC-3041L- CA	MIC-3359	--
	MIC-3358L	--
	MIC-3358A, MIC-3369A	--

Ordering Information

Model Name	CT bus	Power Supply	Slots	Rear I/O	Alarm Board
MIC-3041L-TA	No	300 W ATX	4	Yes	968A390021 (MIC-3924L-A)
MIC-3041L-CA	Yes	300 W ATX	4	No	968A390021 (MIC-3924L-A)

Accessories

Part Number	Description
1757930070	300W ATX single power supply (w/PFC)
968A390001	MIC-3924A-A Alarm Module for MIC-3041L
968A390011	MIC-3924B-A Alarm Module for MIC-3041L
968A390021	MIC-3924L-A Alarm Module for MIC-3041L

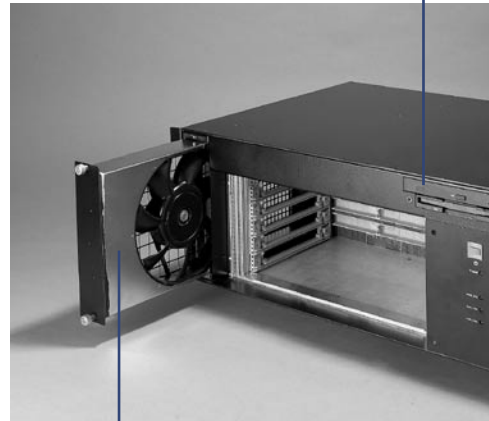
Two 3.5" IDE HDD bays



4-slot 6U CompactPCI backplane

Intelligent chassis management module MIC-3924L

One slim-type CD-Rom and one slim-type FDD



Hot-swappable 163-CFM fan module