

# MIC-3022

## 4U Height CompactPCI® Enclosure for 3U Cards



### Features

- Hosts up to eight 3U Eurocard boards
- CompactPCI® Legacy backplane
- Support RIO
- PICMG 2.11 power supplies
- PICMG 2.0, PICMG2.11



### Introduction

MIC-3022 is 4U height CompactPCI® Enclosure, it is equipped with Legacy backplane-connected via a 32bit 33MHz PCI bus that provides up to 8 peripheral PCI slot. The chassis can be powered by PICMG2.11 CPCI power supplies. A CPCI power supply supports a wide range of applications in the industrial market requiring a robust, compact and reliable platform. Rear transition modules can be installed for each of the 8 slots to support I/O extension. Two high performance fans provide adequate air flow to all slots, enabling system configurations which can be used in extended temperature environments. With the support of front swappable power supplies and add-in cards as well as a simplified fan replacement mechanism built in, systems based on the MIC-3022 can support a MTTR of 5 minutes or less.

### Specifications

Backplane	Legacy backplane	System x 1, Peripheral x 7, Rear transition x 8 (80 mm, IEEE1101.11 compliant) 32-bit/33 MHz PCI bus	
	V (I/O)	+3.3 V/+5 V (selectable)	
Cooling		2 Blowers (30.5CFM/FAN)	
Environment		Operating	Non-Operating
	Temperature	0 ~ 55 °C (32 ~ 122 °F)	-40 ~ 70 °C (-40 ~ 158 °F)
	Humidity	10 ~ 95% @ 40°C, non-condensing	
	Shock	10G; Non Operation 30G	
	Vibration	Random: Operating: 2G Sine: Non-operating: 2G	
Physical Characteristics	Dimensions (W x H x D)	440 x 177 x 295 mm	
	Weight	11kg	
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 RoHS, CE, FCC, UL	

## Ordering Information

PN	Description	Slots QTY	Legacy Backplane	Backplane QTY	Fan	RIO	Dimension (W x D x H)
MIC-3022CE	3U CPCI enclosure with 250W CPCI PSU, single legacy backplane	8	√	1	√	√	440 x 177 x 295 mm

## Main Board and Front I/O Board Description

Models	Description
MIC-3329	3U CompactPCI Atom Bay Trail Processor Blades
MIC-3332	3U CompactPCI 6rd generation Skylake Intel® Core™ i7/ Xeon E3 Processor Blades
MIC-3955	3U CompactPCI RS485/422/232 Serial card
MIC-3958	3U CompactPCI GbE Ethernet Card
MIC-3956	3U CompactPCI 110V 150W or 250W DC power

## Product Picture

