

MIC-3023

3U Height CompactPCI® Enclosure for 3U Cards



Features

- CPCI Legacy backplane options
- Mini fan or fanless design
- RIO or Non-RIO support
- 21 slots or 11 slots dimension enclosure
- PICMG 2.0, PICMG2.11

Introduction

MIC-3023 is a 11 or 21 slots 19 inch standard 3U CPCI enclosure, they can support RIO or Non-RIO. The enclosure is equipped with single or dual Legacy backplane-connected via a 32bit 33MHz PCI bus, and the legacy backplane can be compliant with PICMG2.11 CPCI power supply, The Enclosure is designed to support fanless or mini-fan. There are total eight mini fans assembled in top and bottom cover side to optimize the system heat dissipation effect.

Specifications

Backplane	Legacy backplane	Systemx1, Peripheralx7, RIO depth 80mm 32bit/33MHz PCI Bus	
Cooling		Fanless or Fan by BOM options Fan AIR FLOW: 9.9 CFM	
Environment	Temperature	Operating 0 ~ 55 °C (32 ~ 131 °F)	Non-Operating -40 ~ 85 °C (-40 ~ 185 °F)
	Humidity	10 ~ 95% @ 40°C, non-condensing 10 ~ 95% @ 60°C, non-condensing	
	Shock	30 G, 11ms, each axis three times	
	Vibration	2G rms	
Physical Characteristics	Dimensions (W x H x D)	MIC-3023 with 11 slots 279.4 x 295.5 x 132.5 mm	MIC-3023 with 21 slots 482.6 x 295.5 x 132.5 mm
	Weight	2.60kg	3.50kg
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	

Ordering Information

PN	Description	Slots QTY	Legacy	Backplane QTY	Fan	RIO	Dimension (W x D x H)
MIC-3023L1-D2E	MIC-3023L 3U 2x8 legacy BP With.RIO fanless	21	✓	2	x	✓	482.6 x 295.5 x 132.5 mm
MIC-3023L1-D3E	MIC-3023L 3U 2x8 legacy BP With.RIO.fan	21	✓	2	✓	✓	482.6 x 295.5 x 132.5 mm
MIC-3023L1-S2E	MIC-3023L 3U 1x8 legacy BP W.RIO fanless	21	✓	1	x	✓	482.6 x 295.5 x 132.5 mm
MIC-3023L1-S1E	MIC-3023L 3U 1x8 legacy BP With.RIO, fan	21	✓	1	✓	✓	482.6 x 295.5 x 132.5 mm
MIC-3023S1-S1E	MIC-3023S 3U legacy BP With.RIO fan	11	✓	1	✓	✓	279.4 x 295.5 x 132.5 mm

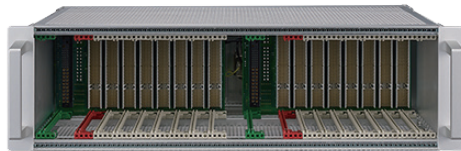
Main Board and Front I/O Board Description

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

Note:

- ✓ MIC-3332 (Core i CPU)are recommended to be installed in MIC-3023L1-S1E and MIC-3023S1-S1E with fan air-forced for getting better CPU performance
- ✓ More fan qty needed, please contact local sales

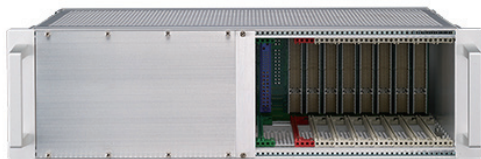
Product Picture



MIC-3023L1-D2E Chassis



System Configuration Demo



MIC-3023L1-S2E Chassis



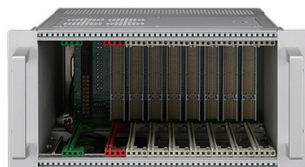
System Configuration Demo



MIC-3023L1-S1E Chassis



System Configuration Demo



MIC-3023S1-S1E Chassis



System Configuration Demo