MIC-3958

3U CompactPCI® 4 RJ45 Port Gigabit Ethernet Card

Features

- Standard 3U 4HP CompactPCI® form factor
- Up to four Intel® i210 Ethernet controllers
- Four or two 10/100/1000BASE-T Ethernet ports via RJ-45 connectors
- Two LAN ports switchable to rear (MIC-3958R)
- Compliant PICMG2.0 R3.0

Fully Compliant with **EN 50121-4** Fully Certified with **EN 50155** c(UL)us CE FCC RoHS COMPLIANT 2002/95/EC

Introduction

Advantech MIC-3958 Series, a 3U height 4HP CompactPCI® peripheral card, using Intel® i210 Ethernet controller, to support up to four RJ45 Gigabit lan connectors, two switchable with rear transition module; MIC-3958A provides four RJ45 lan ports on front panel, MIC-3958R provides two RJ45 lan ports on rear IO panel. Its ideal power solution make it perfect for all fanless system applications.

Specifications

Bus	PCI	32bit, up to 33/66MHz	
	PCI-to-PCIe Bridge	PI7C9X130	
	J2 Connector	RTM	
Ethernet	Controller	Intel® Industry I210IT Ethernet Controller	
	Interface	PCIe 1.0x1, 10/100/1000 Base TX Ethernet	
	I/O Connector	4x RJ45 to 4HP front (2x RJ45 Switchable with RIO 4HP)	
	LED	LAN Speed LED Status (Dual-Color)=>10Mb/s :off, 100Mb/s: Green, 1000Mb/s: Orange LAN Link/ACT LED status=> Link: Green, Activity: Green Blink	
Operating System	Compatibility	Windows7, Windows8, Linux CentOS6.5/6.6	
Max Power Consumption	Max./Typ.	4x LAN ports: 9.5W (5V@1.9A) 2x LAN ports: 7.1W (5V@1.42A)	
Physical	Dimensions (W x D)	100 x 160 mm (6.30" x 3.95")	
Environment		Operating	Non-Operating
	Temperature	-40 ~ 55° C (-40 ~ 122° F) Fanless	-40 ~ 85° C (-40 ~ 185° F)
	Humidity	95 % @ 40° C, non-condensing	95 % @ 60° C, non-condensing
	Vibration	2 Grms	-
Compliance	Standards	PICMG2.0 R3.0	

Front Board

RIO board

Related Products

I/O Board	CPU Board	Enclosure
MIC-3958 series	MIC-3325 series / MIC-3328 series / MIC-3329 series	MIC-3022 series / MIC-3023 series

Ordering Information

Part Number	Description
MIC-3958A1-S1E	3U CompactPCI peripheral card w./ 4xRJ45 Gigabit Ethernet Connectors on front panel
MIC-3958B1-S1E	3U CompactPCI Peripheral card w./ 4 M12 Gigabit Ethernet connector on front panel
MIC-3958R1-S1E	3U CompactPCI RIO peripheral card w./2xRJ45 Gigabit Ethernet Connectors on rear panel

*Note: MIC-3958R is switchable w./ MIC-3958A by switch setting on front board.

Last updated: 21-Jun-2017