ADLINK
LEADING EDGE COMPUTING

3U CompactPCI Serial 4-Port M12 Ethernet Card

cPCI-A3M12

Datasheet

Features

- Follow PICMG® CompactPCI® Serial design guide
- CompactPCI® Serial, 3U 4HP
- 4x M12 Ethernet ports support up to 10G via Intel® X710AT2
- Operating temperature: -40°C to +85°C
- Designed to meet EN50155 standards



cPCI-A3M12



cPCI-A3Hybrid

Specifications

Interface	Ethernet	4x M12 ports, 10GbE via X710AT2 Ethernet controller BOM option 1: 2 ports x 10GbE + 2 ports x 2.5GbE BOM option 2: 4 ports x 2.5GbE via i226IT Ethernet controller X coded female M12 connector
	Form Factor	3U 4HP CPCI-S.0 standard with P1, P2 to rear
Power	Power Input	12V +/- 10% Max
	Power Consumption	18.4 Watt (4x 10GbE sku)
Mechanical	Dimensions	3U 1-slot 4HP 100 x 160 x 20.32 mm (L x W x H)
	Net Weight	0.33 kg (including heatsink)
Environment & Certification	Operating Temperature	-40°C to 85°C with airflow (min. 10 CFM for 4HP, min. 12 CFM for 8HP)
	Humidity operating	5% to 95% relative humidity (non-condensing)
	EMC	EN61000-6-4 / 6-2 EN50121-3-2 UKCA/CE FCC Part 15B CLASS A
	Environmental	RoHS 2.0 & REACH
cPCI Backplane Backward Compatible	cPCI-A3Hybrid	Support PCIe to PCI via board to board connector

Ordering Information

cPCI-A3M12/4x10G	3U cPCI serial M12 Ethernet card, 4HP, 4x M12, 10GbE
cPCI-A3M12/2x10G/2x2.5G	3U cPCI serial M12 Ethernet card, 4HP, 4x M12, 2x 10GbE and 2x 2.5GbE.
cPCI-A3M12/4x 2.5G	3U cPCI serial M12 Ethernet card, 4HP, 4x M12, 2.5GbE
cPCI-A3Hybrid	3U cPCI serial card, 4HP, PCIe to PCI signal

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