



Applications

- PCI Express Gen 3 Interface
- 10Gb Ethernet
- other High Speed IO Protocols

Summary

The **FMC-IPASS** is an FMC I/O Module which provides an industry standard High-Speed Serial interface.

The FMC-IPASS is a VITA 57.1 compliant Single Width HPC FMC module, designed for use with Alpha Data's VITA 57.1 compliant carrier cards. It provides the user with the connectivity to implement high-speed serial IO communication applications. Providing 8 lanes of up to 12Gbps Serdes capable of PCIe gen3, 10GbE, and many other signaling standards.

Deliverables

FMC-IPASS Board
 One Year Warranty
 One Year Technical Support

Input/Output Interfaces

1x 8 lanes of up to 12Gbps Serdes capable of PCIe gen3

4x Serial Communications

Connector: UCF Connectors

4x GPIO

Connector: UCF Connectors



Support

FMC Pinout available in User Manual

Environmental Specification
Temperature Ranges

Cooling Option	Operating Temperatures		Storage Temperatures	
	Min	Max	Min	Max
CC1	-40°C	70°C	-55°C	100°C

Operating Humidity : Up to 95% (non-condensing)

EMC Standards

FCC 47CFR Part 2

EN55022:2010 Equipment ClassB

Conformal Coating Options

Acrylic or Polyurethane

Contact sales for specification of coatings.

Ordering Information
Order Code: FMC-IPASS(f)

Option	Code	Description of Options
Freq	f	blank = 156.25MHz, /125 = 125MHz, /### = ###MHz

Address: 160 Dundee Street, Suite 4A,
 Edinburgh, EH11 1DQ, UK
 Telephone: +44 131 558 2600
 Fax: +44 131 558 2700
 email: sales@alpha-data.com
 website: http://www.alpha-data.com

Address: 611 Corporate Circle Suite H
 Golden, CO 80401
 Telephone: (303) 954 8768
 Fax: (866) 820 9956 - toll free
 email: sales@alpha-data.com
 website: http://www.alpha-data.com