

XL710QDA2-PRO

Intel® XL710QDA2 Comparable 40Gbs Dual Open QSFP+ Port PCIe 3.0 x8 Network Interface Card

Features

- Support for jumbo frame up to 9.5KB
- Flow control support
- Priority Flow Control (draft IEEE 802.1Qbb)
- Enhanced Transmission Selection (draft IEEE802.1az)
- Statistics management and RMON
- 802.1q VLAN support
- DCB/DCB-X support
- Message Signal interrupts (MSI-X)
- Operating Temperature: 0°C to +45°C
- Storage - Enabling competitive performance with native OS intelligent offload solutions, including NAS, iSCSI and FcoE

Product Description

This is an Intel® XL710QDA2 comparable 40-Gigabit Ethernet PCIe 3.0 x8 network interface card with dual open QSFP+ ports that comply with IEEE 802.3 standards. It is based on an Intel XL710 chipset and is compatible with a variety of different applications and operating systems, including Windows, Linux and Unix-like systems. Providing 40Gbs of network speed, it fully supports high-end servers and various other networking applications. In addition, this card supports high level VLAN filtering. The dual open QSFP+ ports allow users to choose from a range of QSFP+ transceivers to accommodate multi-mode (MMF) and single-mode (SMF) fiber, granting customizable reach. This product includes both half-height and full-height brackets. Our network interface cards are 100% compliant, and offer a cost effective solution for all of your network upgrade needs. With our certification test program, we guarantee your product will work right the first time.

Specifications

Parameter	Specification
QSFP+ 40Gigabit Ethernet Technical Specifications Adapter	
CQSFP+ (Quad Small Form Factor Pluggable) Supports	XLPPi interface supports 40GBase-R PCS and 40Gigabit PMA in order to connect with QSFP+ to 40GBase-SR4/40GBase-LR4/40G Direct Attach Cable
IEEE Standard/Network Topology: with 40GBase-SR4 QSFP+	Fiber 40Gigabit Ethernet. 40GBase-SR4 (850nm LAN PHY)
IEEE Standard/Network Topology: with 40GBase-LR4 QSFP+	Fiber 40Gigabit Ethernet. 40GBase-LR4 (1310nm LAN PHY)
Technical Features	
Interface Standard	PCI-Express Base Specification Revision 3.0 (8 G T/sec)
Board Size	165mm x 69mm (6.496" x 2.717") PCB thickness is 0.062 inches
PCI Express Card Type	X8 Lane
PCI Express Voltage	+12V + -8%
PCI Connect	X8 Lane
Controller	Intel XL710AM2
Holder	Metal Bracket
Weight	170gr (5.997oz)
Power Consumption	2.880W
Operating System Support	Windows Linux
EMC Certifications	FCC PART 15B CE EN 55022: 2010 CE EN 55024: 2010 CE EN 61000-3-2: 2014 CE EN 61000-3-3: 2013 CE IEC 62321-2: 2013 CE IEC 62321-1: 2013 CE IEC 62321-1: 2013
Environmental Features	
Operating Temperature	0°C to 45°C (32°F to 113°F)
Storage Temperature	-40°C to 65°C (-40°F to 149°F)
Storage Humidity	0-90% (Non-Condensing)
LED Indicators	
LEDs	Link 10G: Green Link 40G: Yellow Act: Blue: Blink on Activity
Connectors	2 QSFP+ Cage: MOLEX, P/N 75586-0010, or compatible

About Us:

Proline Options is one of North America's leading providers of transceivers and high speed cabling. With a reputation for quality, tested products that cover the connectivity spectrum, Proline Options has a solution for you regardless of the specification.

At Proline Options, every product is tested in its intended application - never batch or spec tested only. We run bandwidth, distance and IOS network tests. We have documented an impressive 0.03% failure rate over the last 10 years. To continue this rate of success we invest millions annually in our own on-site testing lab.

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