

XL710QDA2-C

Intel® XL710QDA2 Comparable 40Gbs Dual Open QSFP+ Port PCIe 3.0 x8 Network Interface Card based on Intel XL710 Chipset

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)
- 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 Formfactor Pluggable) Supports	XLPII interfaces supports 40GBase-R PCS and 40 Gigabit 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	
Bus Type	PCIe 3.0
Bus Width	PCIEx8
Data Protocol	Ethernet
Data Rate	40Gbps
Media Type	MMF or SMF
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 inch
PCI Express Card Type	X8 Lane
PCI Express Voltage	+12V + -8%
PCI Connector	X8 Lane
Controller	Intel XL710AM2
Holder	Metal Bracket
Weight	170 gr (5.997 oz)
Power Consumption	2.880W
Compatible OS	Windows 8, Windows 8 64-bit, Windows 7, Windows 7 64-bit, Windows Vista, Windows Vista 64-bit, Windows XP, Windows XP 64-bit, Windows 2000, Windows Server 2003, Windows Server 2003 64-bit, Windows 98, Windows ME, Windows NT, Mac OS X (10.4.x), Novell (6.x, 5.x), Linux (2.6.x and 2.4.x), WinCE, Windows Vista 64bit, Windows XP 64bit, Windows 98 SE, Unixware, SCO, FreeBSD 5, Windows CE, FreeBSD 6.0, Windows, Windows Server 2008, Novell server, Mac OS 10.x, Windows Server 2008 64-bit, Windows Server 2008 R2 64-bit, Windows Server 2008 R2
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
Environment 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 ProLabs

Our experience comes as standard; for over 15 years ProLabs has delivered optical connectivity solutions that give our customers freedom and choice through our ability to provide seamless interoperability. At the heart of our company is the ability to provide state-of-the-art optical transport and connectivity solutions that are compatible with over 90 optical switching and transport platforms.

Complete Portfolio of Network Solutions

ProLabs is focused on innovations in optical transport and connectivity. The combination of our knowledge of optics and networking equipment enables ProLabs to be your single source for optical transport and connectivity solutions from 100Mb to 400G while providing innovative solutions that increase network efficiency. We provide the optical connectivity expertise that is compatible with and enhances your switching and transport equipment.

Trusted Partner

Customer service is our number one value. ProLabs has invested in people, labs and manufacturing capacity to ensure that you get immediate answers to your questions and compatible product when needed. With Engineering and Manufacturing offices in the U.K. and U.S. augmented by field offices throughout the U.S., U.K. and Asia, ProLabs is able to be our customers best advocate 24 hours a day.



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