XL710QDA2-AO

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)
- 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+ 40GB Ethernet Technical Specifications Adapter	
CQSFP+ (Quad Small Form Factor Pluggable) Supports	XLPPI interfaces support 40GBase-R PCS and 40GB 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 40GB Ethernet. 40GBase-SR4 (850nm LAN PHY)
IEEE Standard/Network Topology: with 40GBase-LR4 QSFP+	Fiber 40GB Ethernet. 40GBase-LR4 (1310nm LAN PHY)
Technical Features	
Interface Standard	PCI-Express Base Specification Revision 3.0 (8 G T/sec)
Board Size	165mmx69mm(6.496"x2.717"), PCB thickness is 0.062inches
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
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 AddOn Networks

In 1999, AddOn Networks entered the market with a single product. Our founders fulfilled a severe shortage for compatible, cost-effective optical transceivers that compete at the same performance levels as leading OEM manufacturers. Adhering to the idea of redefining service and product quality not previously had in the fiber optic networking industry, AddOn invested resources in solution design, production, fulfillment, and global support.

Combining one of the most extensive and stringent testing processes in the industry, an exceptional free tech support center, and a consistent roll-out of innovative technologies, AddOn has continually set industry standards of quality and reliability throughout its history.

Reliability is the cornerstone of any optical fiber network and is in engrained in AddOn's DNA. It has played a key role in nurturing the long-term relationships developed over the years with customers. AddOn remains committed to exceeding industry standards with certifications from ranging from NEBS Level 3 to ISO 9001:2005 with every new development while maintaining the signature reliability of its products.

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