Product Name: 1000Mbps Quad Port Gigabit Ethernet PCI Express x4 Server Adapter

Best.nr: 20100137

Overview

The Direktronik 1000Mbps Quad Port Gigabit Ethernet Server Network Adapter builds of excellence in Direktronik Ethernet products. Direktronik continues its market leadership with this new generation of PCIe* GbE network adapters. Built with the Intel 82580 Ethernet Controller, these adapters represent the next step in the Gigabit Ethernet (GbE) networking evolution for the enterprise and data center by introducing new levels of performance through industry-leading enhancements for both virtualized and iSCSI Unified Networking environments. This new family of adapters also includes new power management technologies such as Energy Efficient Ethernet (EEE) and DMA Coalescing (DMAC).

Products Description

Direktronik 10004PF server adapter provide dedicated input / output (I / O) bandwidth, no sharing of the bus can be used for optical network in the Gigabit Ethernet network connectivity. The design of Direktronik 10004PF card demonstrate excellent performance in a Multi-processor system. All Intel PRO Network Connections can support Direktronik PRO Intelligent installation, as well as the newly designed Intel PROSet utility which designed by Microsoft * Device Manager. So installation and management process come to be simplify. With the PROSet program, you can configurate and manager all Intel PRO Network Connection, in order to meet your connectivity needs through a simple step by step click operation.

Product feature and specifications

Products Name	1000Mbps Gigabit Ethernet Server Network Card		
Products Type	20100137		
Chipset	Intel 82580EB Gigabit Controller		
Bus Interface	PCI-Express x4 (x8 x16 PCI-E slots)		
Whole Duplex	Compatible Whole Duplex and Half Duplex		
Network Interface Type	SFP Slot*4 (1000BASE-SX, 1000BASE-LX, 1000BASE-ZX), LC Fiber		
Transmission Speed	1000M		
Transmission Medium Type	LC Fiber, Comply with MMF62.5/50 Micron		
Network Standard	IEEE802.3 (1000BASE-SX,1000BASE-LX,1000BASE-ZX)		
Date Rate/Distance	1.25G/10km		
Fiber Module	Check www.direktronik.se for options		
Long-range Awaken Function	Support		
Compatible Operating System	Windows Server 2012* Windows 8* Windows Server 2008 R2* SP1 Windows 7* SP1 Windows Server 2008* SP2 Windows Vista* SP2 Windows Server 2003 R2* Windows Server 2003* SP2 Linux* Stable Kernel version 3.x, 2.6,x Red Hat Enterprise Linux* 5, 6 SUSE Linux Enterprise Server* 10, 11 FreeBSD 9*		
Working Humidity	85%	**Storage Temperature**	-40°C-70°C (-40°F-158°F)
Working Temperature	0°C-55°C (32°F-131°F)	**Storage Humidity**	35°C 90%
Length	13.3cm	**Full-height Bracket**	12cm
Width	6.8cm	**Low-profile Bracket**	8cm
Packing Standard Size (Unit)		23cm*14.6cm*2.7cm	

Products Advantages

1. Direktronik brand products
2. PCI Express x4, Intel 82580EB Chipset, Quad-port SFP Slot, LC Fiber;
3. Usually used in HP, IBM, DELL, LENOVO, INSPUR, CISCO, ASUS servers;
4. The latest high-performance and self-configuring optical network card;
5. Six-system board technology.
6. SFP optical module support hot plug;
7. Support plug and play standard specification;
8. Support iSCS remote wakeup;
9. Multi-core CPU load balancing;
10. Virtualization and Optimization Function;
11. Terminal to Terminal Wired Safety;
12. On board Manage Function;
13. Through certifications of FCC, CE, ROHS, REACH, ISO9001 .etc;
14. High quality and reasonable price.

Using Environment

Servers, Industrial Machines, Security Equipment, Traffic Control, Computer Room, Network Expansion, .etc.

Warranty

Direktronik Ethernet network cards and optical modules, a 1 years global warranty.