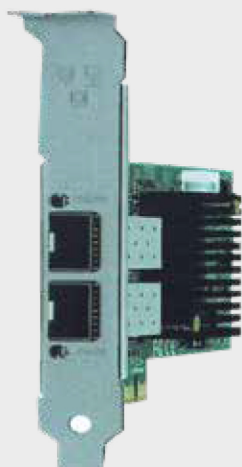




LNG9042PF-2SFP

PCI EXPRESS X1 DUAL PORT 100BASE-FX ETHERNET DESKTOP ADAPTER (BASED ON INTEL 82580)



KEY FEATURES

- Dual Port 100Base-FX Adapter
- PCI Express (PCIe) v2.1,(5 GT/s) xl lanes
- SFP Connectivity
- PXE boot
- Network Virtualization
- Data Plane Development Kit (DPDK) support
- 8 TX and 8 RX queue per port
- Low profile and full-height bracket

OVERVIEW

LNG9042PF-2SFP is widely applied on various occasions of FTDD, setting up optical fiber LAN network, optical fiber connection, not subject to electromagnetic interference and against lightning. The adapter with high data security, high reliability, stability and compatibility, has been widely used in the secret industries.

The adapter supports such as MSI-X and Low Latency Interrupts that help accelerate data across the multi-core platform, improving APP response times. The I/O technologies on multi-core platform make use of the multiple queues and multiple interrupt vectors available on the controller. These queues and interrupt vectors help in load balancing the data and interrupts amongst themselves in order to lower the load on the processors and improve overall system performance.

SPECIFICATIONS

Controller	Intel 82580
Transmission Rate Per Port	100Mbps
Network Standard Physical Layer Interfaces	100BASE-SX 100BASE-LX
Jumbo Frame Support	Up to 9 KB
Operating Temperature	0 °C to 55 °C (32 °F to 131 °F)
Boot Option and Virtualization	PXE support, Intel® VT-c
LED Indicators	Link/ACT Green Blinking
Operating System Support	Windows Server 2003 / 2008 /2008 R2 / 2012 /2012 R2 /2016 R2 Windows XP / Vista / 7 / 8 / 8.1 / 10 Linux Stable Kernel version 2.4.x / 2.6.x / 3.x / 4.x or later Linux SLES 9 / 10 / 11 or later VMware ESX/ESXi 4.x/5.x/6.x or later

ORDERING INFORMATION

Model	Description
LNG9042PF-2SFP	PCI Express xl Dual Port SFP 100Base-FX Ethernet Desktop Adapter Intel 82580 Based (2*SFP)
LNG1315-02ATL	155Mbps Multi-Mode Transceiver
LNG1315-20ATL	155Mbps Single-Mode Transceiver