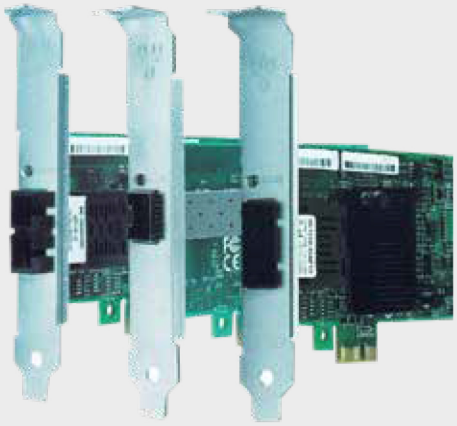


LNG9030PF/LNG9030PF-SFP/LNG9030PF-BD

PCI EXPRESS X1 SINGLE PORT 100M FAST ETHERNET DESKTOP ADAPTER (BASED ON INTEL 82574)



KEY FEATURES

- Single Port 100Mbps adapter
- PCI Express (PCIe) 1.1 (2.5GT/s) xl lane
- SC/SFP/LC Connectivity
- Receive Side Scaling (RSS) with two hardware receive queues
- Low-cost, low-power
- Support PXE
- MSX,MSI-X support
- VLAN support compliant with the 802. IQ.Specification
- Low Profile and full-height bracket

OVERVIEW

LNG9030PF/LNG9030PF-SFP/LNG9030PF-BD is PCI Express xl 100M fiber Fast Ethernet network adapter. It achieves fault tolerance and widens bandwidth by assembling bundles to route traffic from failed ports to other members in the same group for uninterrupted network communication.

This adapter is based on the Intel 82574 chip with integrated hardware acceleration capabilities, can perform TCP / UDP / IP checksum offloading and TCP segmentation tasks, can significantly reduce CPU utilization, release CPU resources.

LNG9030PF-BD uses Txl310nm/Rxl550nm wavelength, 20KM module, the longest transmission distance can reach 20KM, the other end needs to use Txl550nm/Rxl310nm wavelength, 20KM equipment.

SPECIFICATIONS

Controller	Intel 82574
Transmission Rate Per Port	100Mbps
Network Standard Physical Layer Interfaces	100BASE-SX 100BASE-LX
Jumbo Frame Support	Up to 9 KB
Operating Temperature	0°Cto 55 °C (32 °F to 131 °F)
Network Virtualization	VXLAN, MACinUDP, NVGRE, IPinGRE
LED Indicators	Link/ACT:Green Blinking
Operating System Support	Windows XP / Vista / 7 / 8/8.1/10 Windows Server 2003 / 2008 / 2008 R2 / 2012 / 2012R2 / 2016 R2 Linux Stable Kernel version 2.4.x / 2.6.x / 3.x/4.x or later FreeBSD 4.x /5.x /6.x or later Novell Netware 4.x / 5.x / 6.x or later VMware ESX/ESXi 4.x/5.x/6.x or later

ORDERING INFORMATION

Model	Description
LNG9030PF/LNG9030PF-LX	PCI Express xl Single Port SC 100M Fast Ethernet Desktop Adapter Intel 82574 Based (1*SC MM)
LNG9030PF-BIDI	PCI Express xl Single Port BIDI 100M Fast Ethernet Desktop Adapter Intel 82574 Based (1*SC BIDI)
LNG9030PF-SFP	PCI Express xl Single Port SFP 100M Fast Ethernet Desktop Adapter Intel 82574 Based (1*SFP)
LNG1315-02ATL	155Mbps Multi-Mode Transceiver
LNG1315-20ATL	155Mbps Single-Mode Transceiver
LNG1315-20ATLB	155Mbps Bi-Di Single-Mode Transceiver, TX1310nm/RX1550nm
LNG1515-20ATLB	155Mbps Bi-Di Single-Mode Transceiver, TX1550nm/RX1310nm