

LNG9804BT

PCI EXPRESS X8 QUAD PORT COPPER 10 GIGABIT ETHERNET SERVER ADAPTER (BASED ON INTEL XL710)



KEY FEATURES

- Quad Port 10GbE adapter
- PCI Express v3.0(8.0GT/s) x8 lanes
- Standard CAT 6a cabling with four RJ45 connectors
- Network Virtualization
- Data Plane Development Kit (DPDK) support
- Excellent small packet performance for network appliances and Network Functions Virtualization (NFV)
- Low profile and full-height bracket

OVERVIEW

LNG9804BT is a PCIe x8 10Gbps Quad Port Ethernet Copper Server Adapter Card based on Intel XL710 chipset, compatible with xl6 lanes. The sever adapter is compatible with the existing network infrastructure and it will conveniently migrate the existing 100Mb/s and IGbE networks to IOGbE. It can also link auto-negotiation among the rate of 100Mbps, IGbE and 10GbE, which meets the most customers' demanding of smooth transition and ease of migration to 10GbE.

The adapter has four ports, of each can fully work independently, supporting four different practical application networks while working and decrease the number of slots on the equipment. The adapter has good compatibility with its four ports can be grouped together through their own ports or other Ethernet adaper ports. It can provide multiple fuctions like widening access bandwidth and bandwidth access redundancy to achieve an non-stop access to the network.

SPECIFICATIONS

Controller	Intel XL710
Transmission Rate Per Port	100 Mbps/1GbE/10GbE
Network Standard Physical Layer Interfaces	10GBASE-T: 55m using CAT 6,100 m using CAT 6a 1000BASE-T/100BA5E-T: 100 m using CAT 5e, CAT 6, or CAT 6a
Jumbo Frame Support	Up to 9.5 KB
Operating Temperature	0 °C to 55 °C (32 °F to 131 °F)
Network Virtualization	VXLAN,NVGRE,Geneve,Network Service Headers (NSH),VEPA,VEB
LED Indicators	10Gbps: LINK LED green, Green ACT LED Blink 1Gbps: LINK LED Yellow, Green ACT LED Blink 100Mbps: Green ACT LED Blink
Operating System Support	Windows Server 2018 R2 / 2012 / 2012 R2 /2016 R2 Windows 7/8/8.1/10 Linux Stable Kernel version 2.6.32/3.x/4.x or later VMware ESX/ESXi 5.x/6.x or later

ORDERING INFORMATION

Model	Description
LNG9804BT	PCI Express x8 Quad Port Copper 10 Gigabit Ethernet Server Adapter Intel XL710 Based (4 * RJ45)