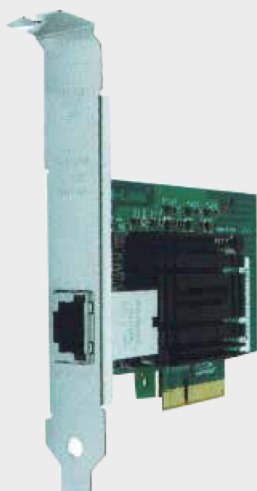# LNG6860BT

PCI EXPRESS X4 SINGLE PORT COPPER 10 GIGABIT ETHERNET SERVER ADAPTER (BASED ON TEHUTI TN4010)

KEY FEATURES

- Single Port 10GbE adapter
- PCI Express (PCIe) v2.0, 5.0 GT/s, x4 lanes
- RJ45 Connectivity
- PXE support
- Half and full-duplex support
- Virtualization (Microsoft Hyper-V) and iSCSI support
- IEEE 802.3an/ab and 10G Ethernet specification compliance
- Reduced CPU utilization and improved throughput
- Low profile and full-height bracket

OVERVIEW

LNG6860BT is a PCIe x4 10Gbps Single Port Ethernet Copper Server Adapter Card based on Tehuti TN4010B0 chipset, compatible with x8,xl6 lanes. The adapter uses the master control of low power and small packaging, required by Application Servers and Workstations. The NBASE-T technology used by the master control improves the speed of the wide deployment of 10 Gigabit network on the basis of the existing gigabit network cabling, and the distance of 10 gigabit can be up to 100 meters.

This Copper Server Adapter with an integrated 10 Gigabit RJ45 connector and users can directly use the copper wire cable to connect to the scene. The adapter both performance stability and practicability, compatible with all the brand computer and the 10 Gigabit Ethernet switch.,which is the deployment of high-performance 10 Gigabit Ethernet to the desktop and 10 Gigabit copper application's ideal solution.

SPECIFICATIONS

Controller	Tehuti TN4010
Transmission Rate Per Port	10Gbps
Network Standard Physical Layer Interfaces	Cat-6A:10G up to 100m Cat-6/ Cat-5e: 5G up to 100m
Jumbo Frame Support	Up to 9.5 KB
Operating Temperature	0°Cto 55 °C (32 °F to 131°F)
Network Virtualization	VXLAN,NVGRE,Geneve,Network Service Headers (NSH),VEPA,VEB
LED Indicators	10Gbps: LINK Green, Green Blinking
Operating System Support	Windows Server 2008 R2 / 2012 / 2012 R2 / 2016 R2 or later Windows 7 / 8 / 8.1 / 10 or later Linux Stable Kernel version 2.6.x/3.x or later Apple macOS 10.12 or later

ORDERING INFORMATION

Model	Description
LNG6860BT	PCI Express x4 Single Port Copper 10 Gigabit Ethernet Server Adapter Tehuti TN4010 Based (1*RJ45)