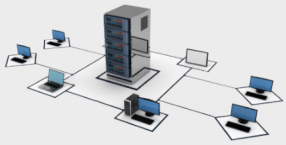

LNG9811BT / LNG9812BT

PCI EXPRESS X4 SINGLE DUAL PORT COPPER 10GIGABIT ETHERNET SERVER ADAPTER (BASED ON INTEL X550)

KEY FEATURES

- Single I Dual Port 10GbE adapters
- PCI Express v3.0, 8.0 GT/s, x4 lanes
- Low cost, low power, 10 GbE performance for the entire datacenter.
- Standard CAT 6a cabling with RJ45 connectors
- New generation single and dual port 10GBASE-T controller with integrated MAC and PHY
- Multiple Queues - 64 Tx and Rx Per Port
- Unified networking delivering LAN iSCSI and FCoE in one low-cost CNA
- Low profile and full-height bracket

OVERVIEW

LNG9811BT I LNG9812BT is a PCIe x4 3.0 10Gbps Single/Dual Port Ethernet Server Adapter based on Intel X550 chipset, independently developed by Shenzhen Lianrui Electronics CO., ltd,and is compatible with PCIe x8,xl6 slot. This adapter card optimizes its performance, making the system I/O no longer be the bottleneck of the network application.

The Server Adapter LNG9811BT / LNG9812BT Simplifies Migration to 10 Gigabit Ethernet (GbE), Provides iSCSI FCoE Virtualization and Flexible Port Partitioning (FPP).

SPECIFICATIONS

Controller	Intel X550
Transmission Rate Per Port	10GbE/1GbE/100MbE
Network Standard Physical Layer Interfaces	Cat-6A 10G up to 100m, Cat-6 10G up to 55m Cat-5E/Cat-6/Cat-6A 1G/100M up to 100m
Jumbo Frame Support	Upto 15.5 KB
Operating Temperature	0°C to 55°C (32°F to 131T)
Virtualization Technology	VMDq, PCI-SIG SR-IOV, Intel VT-c
LED Indicators	10Gb/s: Green and Green blinking,lGb/s/100Mb/s: Green and Orange blinking
Operating System Support	Windows Server 2003 / 2008 / 2008 R2 / 2012 / 2012 R2 / 2016 R2 Windows 7/8/8.1/10 Linux Stable Kernel version 2.6./x/3.x/4.x or later (Red Hat Enterprise / CentOS) FreeBSD 9 /10 /11 or later VMware ESX/ESXi 5.x/6.x or later

ORDERING INFORMATION

Model	Description
LNG9811BT	PCI Express x4 Single Port Copper 10 Gigabit Ethernet Server Adapter Intel X550 Based (1 *RJ45)
LNG9812BT	PCI Express x4 Dual Port Copper 10 Gigabit Ethernet Server Adapter Intel X550 Based (2*RJ45)