# LNG9201CT

PCI EXPRESS X1 SINGLE PORT COPPER GIGABIT ETHERNET DESKTOP ADAPTER (BASED ON INTEL 82574)

**KEY FEATURES**

- Single Port 10/100/1000Mbps adapter
- PCI Express 1.1 (2.5 GT/s) x1 lane
- RJ45 Connectivity
- Flow Control Support
- IPv4 and IPv6 checksum offload support
- PXE support
- Receive Side Scaling (RSS) with two hardware receive queues
- 9 KB jumbo frame support
- VLAN support compliant with the 802.1Q Specification
- Low profile and full-height bracket

## OVERVIEW

LNG9201CT is a PCIE single port Gigabit Ethernet desktop adapter based on Intel 82574 chipset, and is compatible with x1 x4,x8, x16 slot. This Gigabit controller has higher performance and can reduce the CPU occupancy rate.

Adopts Ethernet power management technologies such as Energy Efficient Ethernet and DMA Merge, and has 4 transmit and - receive queues, error correction memory protection and other technologies to improve the reliability of data transmission Manage latency data packets efficiently by combining parallel and pipe-lined logical architectures.

LNG9201CT have high-performance network data transmission on the machine bus architecture, compatible with Ethernet am fast Ethernet to greatly reduce customer deploy me nt and training costs.

## SPECIFICATIONS

| | |
|---|---|
| Controller | Intel 82574 |
| Transmission Rate Per Port | 10/100/1000Mbps |
| Cable Requirement | Cat 5 up to 100M |
| Jumbo Frame Support | Up to 9.5 KB |
| Operating Temperature | 0°Cto 55 °C (32 °F to 131 °F) |
| LED Indicators | LINK/ACTMTY LED: off=NO LINK; on=LINK; blinking=ACTIVITY |
| Operating System Support | Windows XP / Vista / 7 / 8 / 8.1 / 10<br>Windows Server 2003 / 2008 / 2008 R2 / 2012 / 2012R2 / 2016 R2<br>Linux Stable Kernel version 2.4.x / 2.6.x / 3.x/4.x or later<br>FreeBSD 4.x /5.x /6.x or later<br>Novell Netware 4.x / 5.x / 6.x or later<br>VMware ESX/ESXi 4.x/5.x/6.x or later |

## ORDERING INFORMATION

| Model | Description |
|---|---|
| LNG9201CT | PCI Express x1 Single Port Copper Gigabit Ethernet desktop Adapter Intel 82574 based (1*RJ45) |
| LNG5-1L Cable-3M/5M | Highly Flexible Cat.5e LAN cable, Single screw lock-type, 3M, 5M |
| LNG5-2L Cable-3M/5M | Highly Flexible Cat.5e LAN cable, Dual screw lock-type, 3M, 5M |