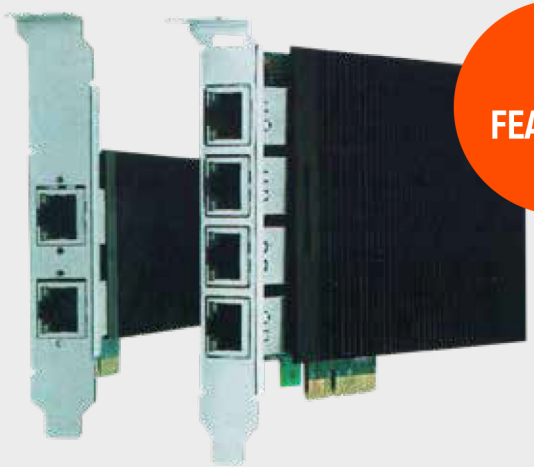


LNG2003PT / LNG2005PT

PCI EXPRESS X4 DUAL / QUAD PORT COPPER GIGABIT INDUSTRY ETHERNET ADAPTER (BASED ON INTEL I350)



KEY FEATURES

- Dual/Quad Port 10/100/1000Mbps Industry Adapter
- PCI Express (PCIe) v2.1(2.5GT/s&5.0 GT/s) x4 lanes
- RJ45 Connectivity
- Network Virtualization
- Data Plane Development Kit (DPDK) support
- RJ45 connector with the thickening and sinking of gold
- Larger radiator ensures good heat dissipation.
- PXE boot

OVERVIEW

LNG2003PT/LNG2005PT is a PCIe v2.1 x4 Gigabit Dual/Quad Port Copper Industry Ethernet Adapter based on Intel I350 chipset, and is compatible with PCIe x8 and xl6 slot. The adapter is designed mainly used on Machine Vision and Industrial Control., its separate network ports make more convenient to connect industry network cables. The adapter performance has been optimized while being designed to make system I/O no longer the bottleneck of high-end network application. The adapter can be grouped up together through its four ports to expand network bandwidth and ensure network performance. It can also real-time detect automatically and combine the communication route from the faulty port with others to achieve high-performance communications incessantly.

LNG2003PT/LNG2005PT is developed on the basis of Intel I350AM2/AM4 Dual-/Quad-Port Ethernet MAC+PHY controller, which can allow four ports to work in full-duplex work mode to adapt high-performance network communication in Gigabit Ethernet connection.

SPECIFICATIONS

Controller	Intel I350
Transmission Rate Per Port	10/100/1000Mbps
Network Standard Physical Layer Interfaces	1000BASE-T:Cat 5e or higher up to 100m 100BASE-Tx:Cat5/5e/6 or higher up to 100m 10BASE-T: Cat3/4/5/5e/6 or higher up to 100m
Jumbo Frame Support	Up to 9 KB.
Operating Temperature	0 °C to 55 °C (32 °F to 131 ^F)
Boot Option and Virtualization	PXE support, Intel® VT-c
LED Indicators	1000Mbps/s: Yellow Link and Green Ack,100Mbps/s: Green Link and Green Ack , 10Mbps/s: Not illuminate
Operating System Support	Windows Server 2003 / 2008 /2008 R2 / 2012 /2012 R2 /2016 R2 Windows XP / Vista / 7 / 8 / 8.1 / 10 Linux Stable Kernel version 2.4.x / 2.6.x / 3.x / 4.x or later Linux SLES 9 / 10 / 11 or later VMware ESX/ESXi 4.x/5.x/6.x or later

ORDERING INFORMATION

Model	Description
LNG2003PT	PCI Express x4 Dual Port Copper Gigabit Industry Ethernet Adapter Intel I350 Based (2*RJ45)
LNG2005PT	PCI Express x4 Quad Port Copper Gigabit Industry Ethernet Adapter Intel I350 Based (4*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