

2-Port Gigabit Ethernet PCI Express (PCIe x4) Network Interface Card (NIC), I350-T2, TAA

MODEL NUMBER: **PCE-1G-02-NIC**



Adds 2 Gigabit Ethernet RJ45 ports to a computer's motherboard via a 4-lane PCI Express (PCIe) slot.

Features

Adds Dual Gigabit Ethernet Ports to Your Desktop Computer

The high-performance PCE-1G-02-NIC connects to your desktop computer's motherboard and adds two 10/100/1000 Mbps RJ45 ports via an available four-lane PCI Express (PCIe) slot. Based on the bridgeless Intel I350 controller, this adapter is a 1 Gbps networking innovation for enterprise and data center applications. Add multiple Ethernet ports to dual-homed proxy or gateway systems for added security and redundant connectivity for uninterrupted network connections.

Recommended for VM Environments

This PCIe network interface card (NIC) is ideal for Virtual Machine (VM) environments with multiple operating systems that require shared or dedicated NICs. It also is a valuable addition to desktop PC servers and workstations with few PCIe slots available in which turning one RJ45 port into two is beneficial.

Loaded with the Latest Features

The PCE-1G-02-NIC supports common IEEE standards, including 802.3ab (1000Base-T Gigabit Ethernet), 802.3u (100base-TX), 802.3az, 802.1Q (VLAN) and 802.1ad. The high-performing bridgeless design supports PCI Express Gen 2.1 5GT/s x4, compatible with PCIe x8 or x16.

Innovative Power Management Features for Enterprise and Data Centers

Energy Efficient Ethernet (EEE) and DMA coalescing increase efficiency and reduce power consumption for enterprise and data center applications. Scalable iSCSI performance delivers cost-effective SAN connectivity. The PCE-1G-02-NIC also supports jumbo frames, VMDq, DPDK, PXE, WOL and FCoE. Flexible I/O virtualization is ideal for port partitioning and quality of service (QoS) of up to 32 virtual ports.

Installs in Minutes

The halogen-free adapter is compatible with copper UTP cabling, including 1000Base-T Cat5e/Cat6 or higher up to 100 meters, 100Base-Tx Cat5/Cat5e/Cat6 or higher up to 100 meters, and 10Base-T Cat3/4/5e/6 or higher up to 100 meters. The PCE-1G-02-NIC can be installed with either a standard or low-profile bracket (both are included).

Specifications

Highlights

- Adds two 1G network ports to a single four-lane PCI Express slot in a desktop PC
- Based on Intel I350 chipset for superior functionality in complex network applications
- Compliant with IEEE 802.ab, 802.3u, 802.3 az, 802.1Q and 802.1ad
- Includes a low-profile mounting bracket for low-profile PC builds
- Compatible with Windows and Linux operating systems

System Requirements

- Requires an available PCI Express (PCIe) x4/x8/x16 slot
- Compatible with Windows and Linux operating systems

Package Includes

- PCE-1G-02-NIC 2-Port Gigabit Ethernet Network Card
- Low-profile bracket
- Quick Start Guide



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OVERVIEW	
UPC Code	037332286390
Technology	PCIe
CONNECTIONS	
Number of Ports	2
PHYSICAL	
Color	Green
Shipping Dimensions (hwd / in.)	6.18 x 1.06 x 4.92
Shipping Dimensions (hwd / cm)	15.70 x 2.69 x 12.50
Shipping Weight (lbs.)	0.15
Shipping Weight (kg)	0.07
Unit Dimensions (hwd / in.)	4.720 x 2.720 x 4.650
ENVIRONMENTAL	
Operating Temperature Range	32 to 131F (0 to 55C)
Storage Temperature Range	-40 to 158F (-40 to 70C)
Operating Humidity Range	35% to 90%, non-condensing
STANDARDS & COMPLIANCE	
Product Compliance	CE (Europe); FCC (USA); IEEE 802.1q Tagged VLAN; IEEE 802.3 10Base-T; IEEE 802.3ab 1000Base-T; IEEE 802.3ad (LACP); IEEE 802.3az (Energy Efficient Ethernet); IEEE 802.3u 100Base-TX/FX; IEEE 802.3x Flow Control; IEEE 802.3z 1000Base-SX/LX; REACH; RoHS; UKCA; Trade Agreements Act (TAA)
WARRANTY & SUPPORT	
Product Warranty Period (Worldwide)	2-year limited warranty

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