



DESCRIPTION

High Performance Boosts Network Traffic Speed and Flexible Distance Extension

PLANET ENW-9701 1000Base-X Fiber PCI-Express Ethernet adapter is ideal for high end servers to extend long distance network reliably and flexibly with up to 2000Mbps full-duplex bandwidth capacity. It is an optimal solution for Ethernet applications by providing strictly low-power budgets and small form factor.

Flexible Distance Option

With the 1000Base-SX / LX SFP (Small-Form Factor Pluggable) interface supported by the ENW-9701, the fiber network deployment distance can be extended from 550 meters (via multi-mode fiber) up to above 10/20/30/40/50/70/120 kilometers (via single-mode fiber, respectively). Users can choose the most suitable SFP transceiver module depending on their needs. The ENW-9701 connects your servers and workstations, guaranteeing extremely high throughput and excellent signal quality.

More Bandwidth and Advanced Functions

The ENW-9701 is designed to address high-performance system requirements. With the innovative PCI Express Bus Architecture, the ENW-9701 provides better bandwidth and performance than the network cards which are based on 32/64bit PCI architecture. Moreover, the ENW-9701 supports IEEE 802.1Q VLAN which allows it to operate in a flexible and secure network environment. With 9K Jumbo Frame ability and IEEE 802.3 Flow Control support, it offers further optimal throughput and wire-speed packet transfer performance without risk of packet loss. The high data throughput of the device makes it ideal for most Gigabit Ethernet environments.

Seamless Integration

The ENW-9701 is completely harmonious with most of the servers operating systems, enabling simple integration into network designs. There is no need of any modification to the server's operating system or any special software required for the ENW-9701 to be integrated into the system. The ENW-9701 can take the place of the Ethernet MAC of any conventional TCP connection and have the existing TCP/IP stack of servers CPU still kept intact. It requires only a simple, standard PCIe driver to connect the ENW-9701 to

the software.

TECHNICAL CHARACTERISTICS

Brand : PLANET
Part number : ENW-9701
Connectivité :
Interface : Fiber
Design :
Certification : FCC, CE
Compatible operating systems : Windows Server 2003, Windows Server 2008 Windows XP, Windows Vista, Windows 7 Linux 2.4, Linux 2.6, Linux 64-bit Redhat Enterprise Linux 4.7 & 5.3 Mac OS X 10.4, 10.5 and 10.6
Connectivity technology : Wired
Depth : 119.5 mm
Harmonized System (HS) code : 85176990
Host interface : PCI Express
Internal : Y
Maximum data transfer rate : 1000 Mbit/s
Networking standards : IEEE 802.1Q, IEEE 802.3x, IEEE 802.3z
Operating relative humidity (H-H) : 5 - 95%
Operating temperature (T-T) : 0 - 65 °C
Product colour : Green, Stainless steel
Storage relative humidity (H-H) : 5 - 95%
Storage temperature (T-T) : -10 - 85 °C
Supported network protocols : IPv4, IPv6, TCP
Width : 121.4 mm