

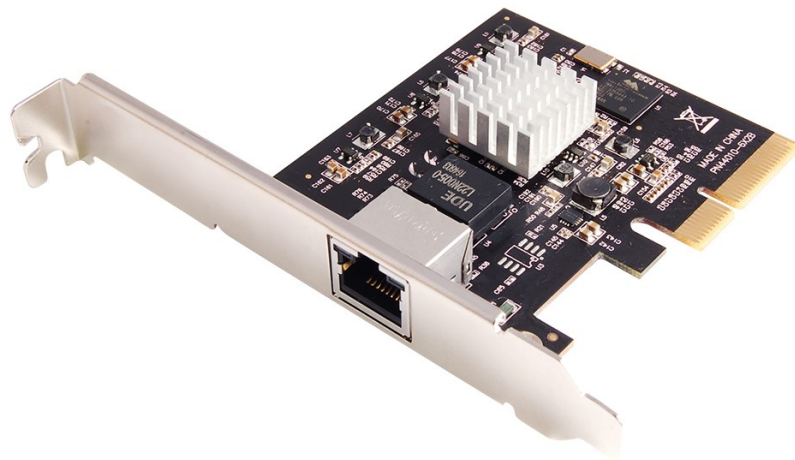


N-480 PCIe 10G 5-Speed Multi-Gigabit Network Card

Ordering Code: N-480

Part No: NE-T18-1160-00-00012

DoorNet Tech P/N: 772927



1x RJ45 10G/5G/2.5G/1G/100M port

Runs up to 10G at 100m Cat 6A cable and 5G at 100m Cat 5e/Cat 6 cable

9K Jumbo Frames



ST-LAB ISRAEL | 08-9791383 | WWW.ST-LAB.CO.IL



This card is a Multi-Gigabit network adapter that runs on a high speed PCIe x4 host but interface.

This card hosts the Tehuti new 3rd generation TN4010 controller, and optimized 10 Gigabit Ethernet MAC designed for low-power, low-cost, single-port connectivity required by Application Servers and Workstations. The TN4010 MAC is paired with Marvell Alaska 88X3310P transceiver, a low-power, high-performance 10 Gigabit Ethernet PHY, to enable five-speed connectivity (10GBase-T, 5GBase-T 2.5GBase-T 1000Base-T, and 100Base-TX) over low-cost standard CAT-6a Ethernet cabling, up to 100m (Cat-5e and CAT-6 are supported compliant to Link Segment specifications).

This combination creates a new gateway to cost-conscious consumer applications, as well as to intensive data environments.

Supports 10G/5G/2.5G/1G/100M

Runs up to 10G at 100m Cat 6A cable and 5G at 100m Cat 5e/Cat 6 cable

Backward compatibility with 1000Base-T, 100Base-T Networks

PCI Express Gen-2 x4 Host Bus interface

EEE (Energy Efficient Ethernet)

9K Jumbo Frames

IP, TCP, UDP checksum offloading

IEEE 802.1Q Tagged VLAN

Virtual NIC support

Reduced CPU utilization and improved throughput

The following system specs are recommended minimum

PCIe slot: Available 4-Lanes PCI-Express slot gen 2.0 or later

Processor: Quad Core 3.0GHz or higher

RAM: 4GB memory or higher

Linux 2.6.24 or later

VMware ESXi 5.x/6.0

Mac OS X 10.12.6 or later

