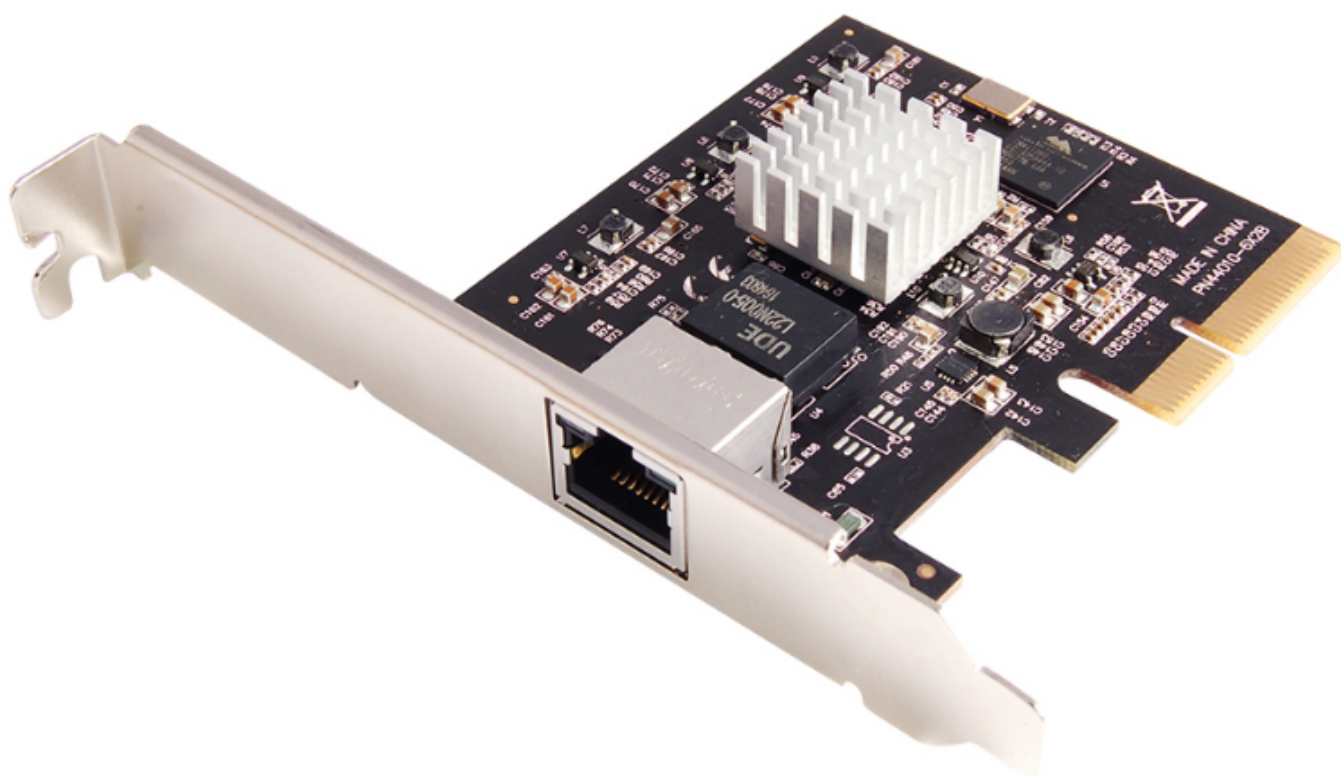


PCIe 10G 5-Speed Multi-Gigabit Network Card

מק"ט: ST-N-480



תיאור המוצר

Type: PCIe 10G 5-Speed Multi-Gigabit Network Card **Producer:** ST-LAB

Description:

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.

Features

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

Requirements

Hardware

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

Software

Operating systems supported are (both 32 and 64 bits)

Windows 7

Windows Server 2008 R2

Windows Server 2012

Windows 8.1

Windows Server 2012 R2

Windows 10

Linux 2.6.24 or later

VMware ESXi 5.x/6.0

Mac OS X 10.12.6 or later

Package Contents

1 x PCIe 10G 5-Speed Multi-Gigabit Network Card

1 x Driver CD

1 x User Manual

[Download driver from ST-LAB website - here](#)