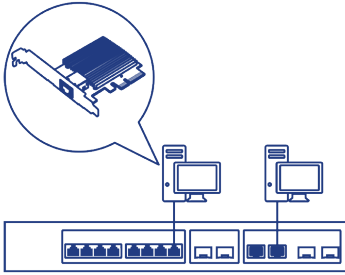


10 Gigabit PCIe Network Adapter

TEG-10GECTX (v3.0R)

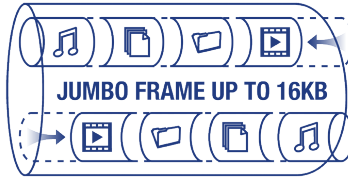
- Converts a PCIe slot into a 10G Ethernet Port
- Supports 802.1Q VLAN Tagging
- Includes standard and low-profile brackets
- Windows[®] support
- IEEE 802.3an and 802.3bz compliant

TRENDnet's 10 Gigabit PCIe Network Adapter, model TEG-10GECTX, converts a free PCI Express slot into a 10 Gigabit Ethernet port. The 10G PCIe card includes advanced features, such as jumbo frames and VLAN tagging support. The standard and low profile brackets included with the 10G PCIe card are compatible with Windows[®] desktop computer designs.



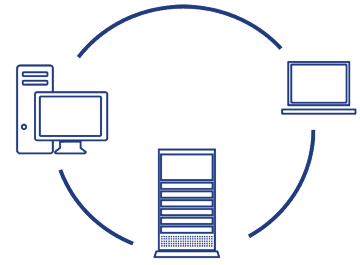
10G Port

10G PCIe card supports five speeds: 10Gbps, 5Gbps, 2.5Gbps, 1Gbps, and 100Mbps.



Jumbo Frames

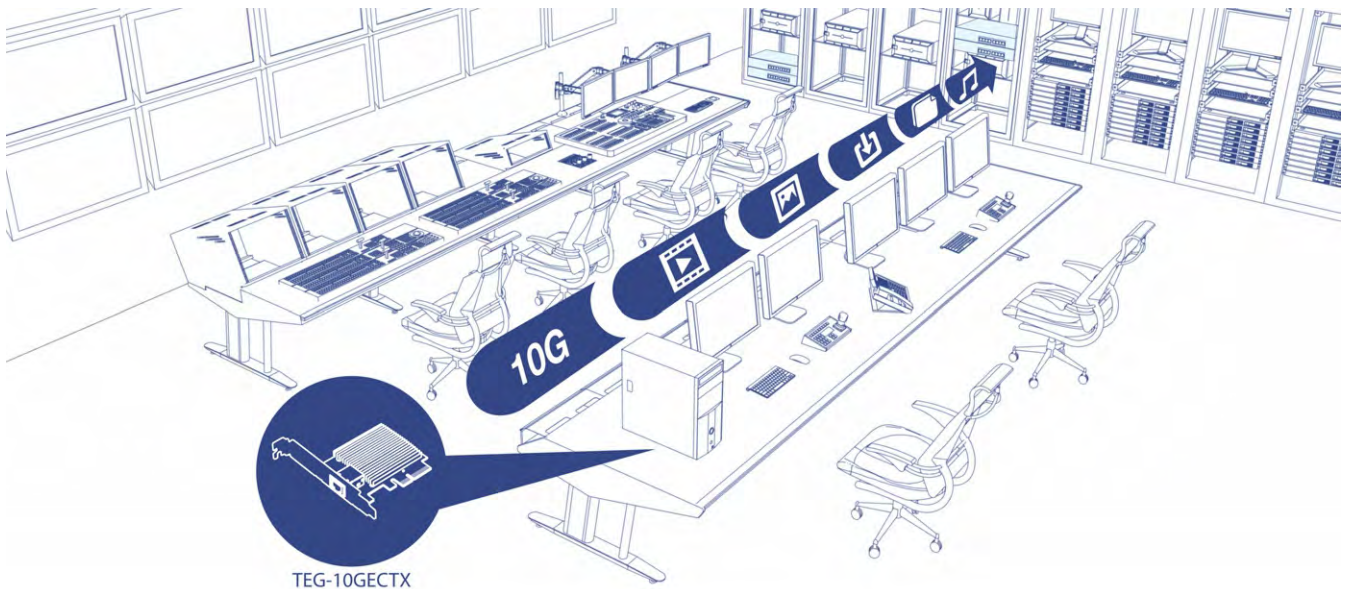
Sends larger packets, or jumbo frames (up to 16KB), for increased performance.



Operating Systems

Compatible with Windows and Windows Server operating systems.

NETWORKING SOLUTION

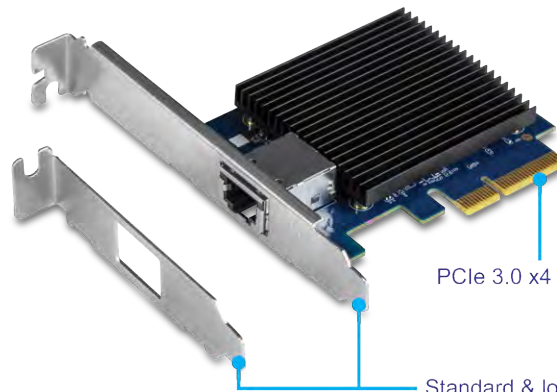


TEG-10GECTX

LED indicators



1 x 10Gbps RJ-45 Ethernet port



PCIe 3.0 x4 interface

Standard & low-profile brackets

FEATURES



10G Port

10G PCIe card supports five speeds: 10Gbps, 5Gbps, 2.5Gbps, 1Gbps, and 100Mbps



PCI Express

10GbE PCIe card converts a PCIe 3.0 x4 slot into a 10G Ethernet Port



2.5/5GBASE-T Support

2.5/5GBASE-T specification (802.3bz) supports 2.5G and 5G speeds over standard Cat5e cables at distances up to 100m



Jumbo Frame

Sends larger packets, or jumbo frames (up to 16KB), for increased performance



VLAN Support

IEEE 802.1Q tagged-based VLAN support



Brackets

Supports most installations with included standard and low-profile brackets



Operating Systems

Compatible with Windows and Windows Server operating systems



LED Indicators

LED indicators on the 10G PCIe card convey port status, link speed and activity

SPECIFICATIONS

Standards

- IEEE 802.3u
- IEEE 802.3ab
- IEEE 802.3bz 2.5G/5GBASE-T
- IEEE 802.3an 10GBASE-T
- IEEE 802.1Q

Hardware Interface

- PCIe 3.0 x4 interface
- 1 x 10Gbps RJ-45 Ethernet port (Supported Speeds: 10Gbps / 5Gbps / 2.5Gbps / 1Gbps / 100Mbps)
- LED indicators

Cable Requirements

- 10GBASE-T (10Gbps): Cat6 twisted pair @ 55m / 180 ft. (max.) / Cat6A twisted pair @ 100m / 328 ft. (max.)
- 5GBASE-T (5Gbps): Cat6 twisted pair @ 100m / 328 ft. (max.)
- 2.5GBASE-T (2.5Gbps): Cat5e twisted pair @ 100m / 328 ft. (max.)
- 1000BASE-T (1Gbps): Cat5e twisted pair @ 100m / 328 ft. (max.)
- 100BASE-TX (100Mbps): Cat5 twisted pair @ 100m / 328 ft. (max.)

Compatibility

- Windows® 10, 8.1, 8
- Windows® Server 2019, 2016, 2012, 2012 R2

Jumbo Frames

- Up to 16KB

Special Features

- 10GBASE-T (10Gbps) & 2.5G/5GBASE-T (2.5Gbps/5Gbps) support for high speed network connectivity
- Windows Server support

Additional Support

- 802.1Q VLAN Tagging
- Receive-side scaling (RSS)
- Message Signaled Interrupts (MSI)
- IP, TCP, and UDP checksum offloading
- Minimize overhead with reduced host bus traffic and CPU utilization

Power

- Max. consumption: 6.1W

Operating Temperature

- 0° – 70° C (32° – 158° F)

Operating Humidity

- Max. 90% non-condensing

Certifications

- CE
- FCC

Dimensions

- 120 x 63 x 17mm (4.7 x 2.5 x 0.7 in.)

Weight

- 76g (2.6 oz.)

Warranty

- 3 year

Package Contents

- TEG-10GECTX
- Quick Installation Guide
- CD-ROM (Driver)

All references to speed are for comparison purposes only. Product specifications, size, and shape are subject to change without notice, and actual product appearance may differ from that depicted herein.