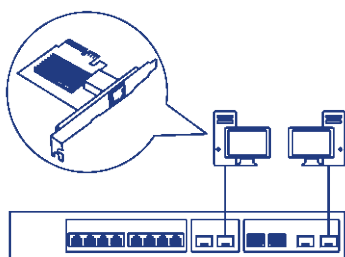


10 Gigabit PCIe Network Adapter

TEG-10GECTX (v2.0R)

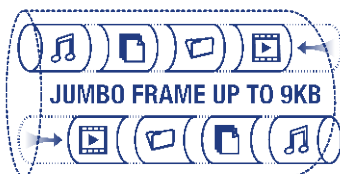
- Converts a PCIe slot into a 10G Ethernet Port
- Supports 802.1Q VLAN Tagging
- Includes standard and low-profile brackets
- Windows® support
- IEEE 802.3an and 802.3bz compliant

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 adapter includes advanced features such as jumbo frame and VLAN tagging support. The included standard and low profile brackets are compatible with Windows® desktop computer designs.



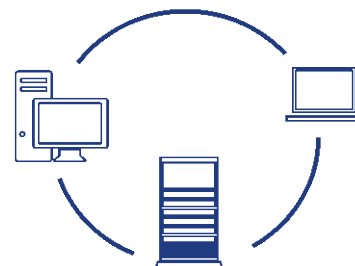
10G Port

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



Jumbo Frame

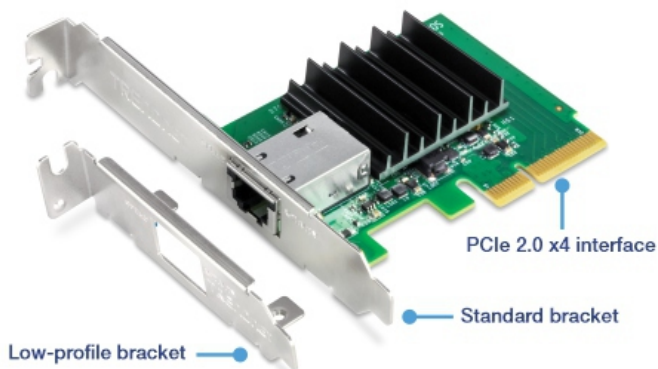
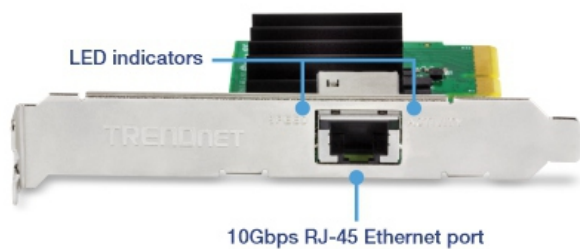
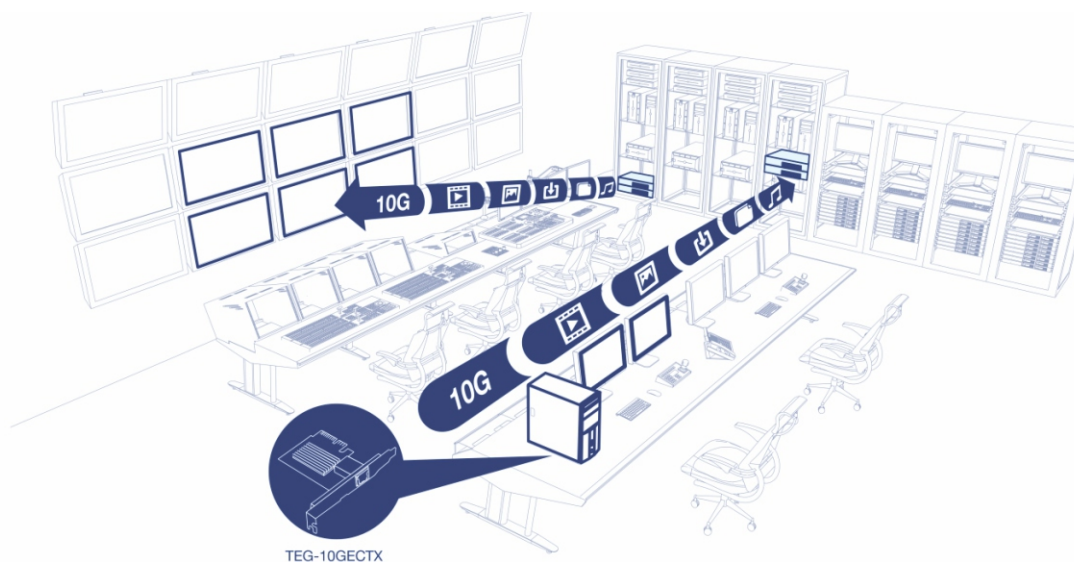
Sends larger packets, or jumbo frames (up to 9KB), for increased performance.



Operating Systems

Compatible with Windows and Windows Server operating systems.

NETWORKING SOLUTION



FEATURES



10G Port

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



PCI Express

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 9KB), 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 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 802.3ad
- 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 or Cat7 twisted pair @ 100 m / 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, 7
- Windows® Server 2016, 2012, 2012 R2, 2008 R2
- VMware® ESXi™ 5.1/5.5/6.5
- Microsoft® Hyper-V

Jumbo Frames

- Up to 9KB

Special Features

- 10GBASE-T (10Gbps) & 2.5G/5GBASE-T (2.5Gbps/5Gbps) support for high speed network connectivity
- Windows Server support
- VMware® ESXi™ 5.1/5.5/6.5 & Microsoft® Hyper-V hypervisor support for virtualization

Additional Support

- 802.3ad LACP NIC teaming
- 802.1Q VLAN Tagging
- Microsoft Scalable Networking
- 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

- 84 x 63 x 18mm (3.3 x 2.5 x 0.7 in.)

Weight

- 62g (2.2 oz.)

Warranty

- 3 year

Package Contents

- TEG-10GECTX
- Quick Installation Guide
- CD-ROM (Driver)
- Standard & low-profile brackets