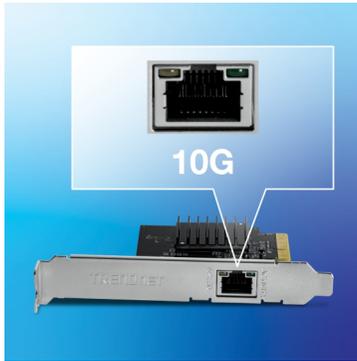


10G PCIe Network Adapter

TEG-10GECTX (V5)

- Converts a PCIe 3.0 x4 slot into a 10G Ethernet port
- Supports connection speeds of 10Gbps, 2.5Gbps, and 1Gbps
- Supports 802.1Q VLAN Tagging
- Includes standard and low-profile brackets
- Windows® and Windows Server® support
- IEEE 802.3an and 802.3bz compliant

TRENDnet's 10G 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, Wake-On-LAN, and VLAN tagging support. The standard and low-profile brackets included with the 10G PCIe card are compatible with Windows® and Windows Server® desktop computer designs.



10G Port

10G PCIe card supports connection speeds: 10Gbps, 2.5Gbps, and 1Gbps



Jumbo Frames

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



Operating Systems

Compatible with Windows® and Windows Server® operating systems.

FEATURES



10G Port

10G PCIe card supports connection speeds: 10Gbps, 2.5Gbps, and 1Gbps



PCI Express

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



2.5GBASE-T Support

2.5GBASE-T specification (802.3bz) supports 2.5Gbps 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

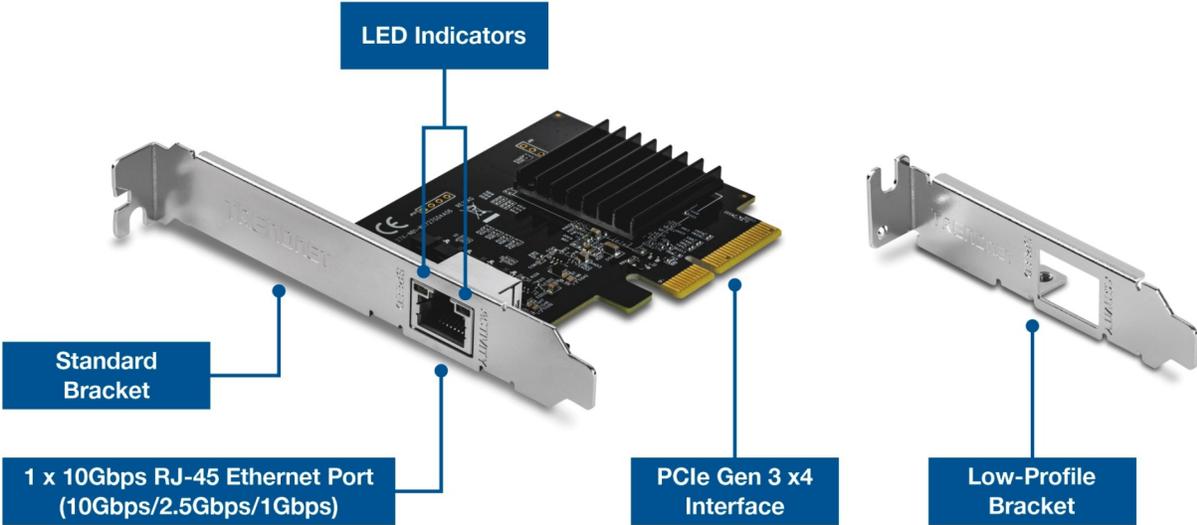
Compatible with Windows and Windows Server operating systems



LED Indicators

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

NETWORKING SOLUTION



SPECIFICATIONS

Standards

- IEEE 802.3ab
- IEEE 802.3bz 2.5GBASE-T
- IEEE 802.3an 10GBASE-T
- IEEE 802.1p
- IEEE 802.1Q
- IEEE 802.1ad
- IEEE 802.3x
- IEEE 802.3az

Hardware Interface

- PCIe Gen 3 x4 interface
- 1 x 10Gbps RJ-45 Ethernet port (Supported Speeds: 10Gbps/2.5Gbps/1Gbps)
- LED indicators

Cable Requirements

- 10GBASE-T (10Gbps): Cat6 twisted pair @ 55m / 180 ft. (max.) / Cat6A 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.)

Compatibility

- Windows® 11, 10
- Windows® Server 2025, 2022, 2019, 2016

Jumbo Frames

- Up to 16KB

Additional Support

- 802.1Q VLAN Tagging
- Receive-side scaling (RSS)
- Supports protocol offload (ARP & NS)
- Message Signaled Interrupts (MSI)
- Latency Tolerance Reporting (LTR)
- IP, TCP, and UDP checksum offloading
- Supports Wake-On-LAN
- Supports Link Aggregation

Power

- Max. consumption: 2.5W

Operating Temperature

- 0°– 40° C (32° – 104° F)

Operating Humidity

- Max. 90% non-condensing

Certifications

- CE
- FCC

Dimensions

- 120 x 88 x 22mm (4.7 x 3.5 x 0.86 in.)

Weight

- 52g (2.6 oz.)

Warranty

- 3 year

Package Contents

- TEG-10GECTX
- Standard & low-profile brackets

*Maximum distance of Cat6 and Cat6a cabling are references to IEEE 802.3an standard. Actual data throughput and distance will vary depending on the quality of the cable.

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.