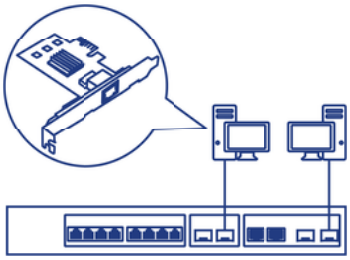


2.5GBASE-T PCIe Network Adapter

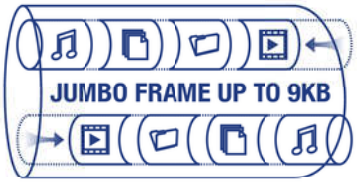
TEG-25GECTX (v1.0R)

- Converts a PCIe slot into a 2.5G Ethernet Port
- Supports 802.1Q VLAN Tagging
- Includes standard and low-profile brackets
- Windows® support
- IEEE 802.3ab and 802.3bz compliant
- Supports up to 9KB jumbo frames

TRENDnet's 2.5GBASE-T PCIe Network Adapter, model TEG-25GECTX, converts a free PCI Express slot into a 2.5GBASE-T Ethernet port. The 2.5G network adapter includes advanced features such as jumbo frame and VLAN tagging support. Compatible with Windows® desktop computer designs, the 2.5G network adapter includes both standard and low-profile brackets.



2.5G Port
2.5G network adapter supports three speeds: 2.5Gbps, 1Gbps, and 100Mbps.

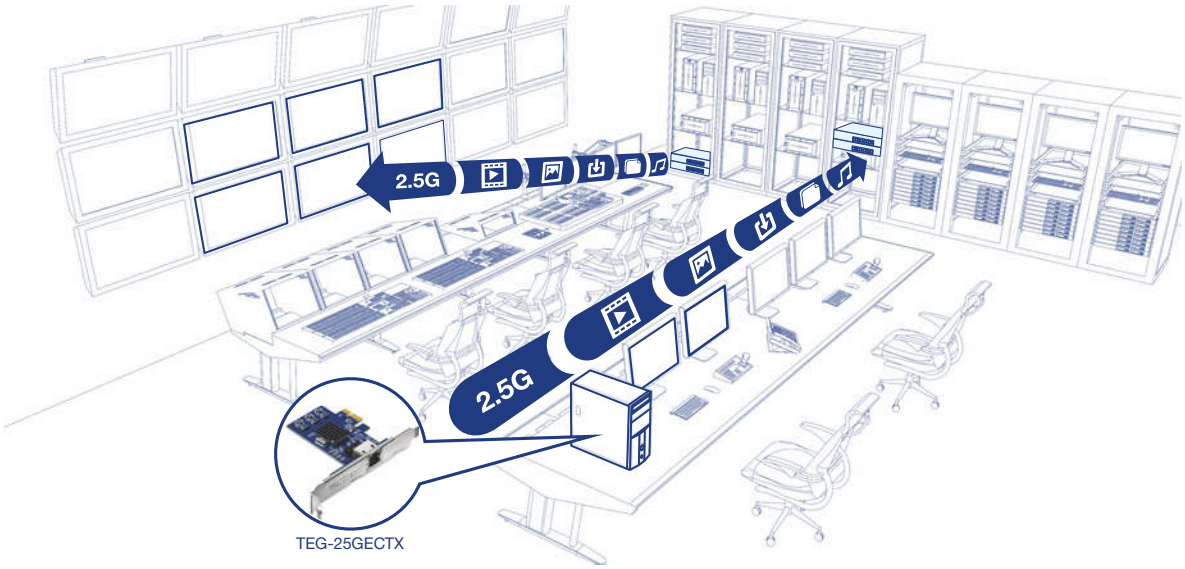


Jumbo Frame
Sends larger packets, or jumbo frames (up to 9KB), for increased performance.

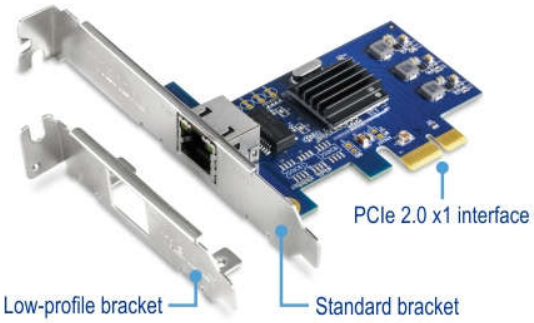


Operating Systems
Compatible with Windows, Windows Server, operating systems.

NETWORKING SOLUTION







FEATURES

2.5G Port
2.5G network adapter supports three speeds: 2.5Gbps, 1Gbps, and 100Mbps.

PCI Express
Converts a PCIe 2.0 x1 slot into a 2.5G Ethernet Port

2.5GBASE-T Support
2.5GBASE-T specification (802.3bz) supports 2.5G speeds over standard Cat5e cables at distances up to 100m (328 ft.)

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

VLAN Support
2.5G network adapter with IEEE 802.1Q tagged-based VLAN support

Brackets
Supports most installations with included standard and low-profile brackets

Operating Systems
Compatible with Windows, 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 2.5GBASE-T
- IEEE 802.1Q

Hardware Interface
- PCIe 2.0 x1 interface
- 1 x RJ-45 Ethernet port (Supported Speeds: 2.5Gbps / 1Gbps / 100Mbps)
- LED indicators

Minimum Cable Requirements
- 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

Jumbo Frames
- Up to 9KB

Special Features
- 2.5GBASE-T 2.5Gbps support for high speed network connectivity
- Windows Server support

Additional Support
- Virtual NIC support (VMQ 32 group)
- 802.1Q VLAN Tagging
- LTR (Latency Tolerance Reporting)
- Microsoft WPI (Wake Packet Indication)
- Large Send (up to 64KB)
- IP, TCP, and UDP checksum offloading
- Advanced cable diagnostics

Power
- Max. consumption: 1.8W

Operating Temperature
- 0° – 40 °C (32° – 104 °F)

Operating Humidity
- Max. 90% non-condensing

Certifications
- CE
- FCC

Dimensions
- 84 x 64 x 18mm (3.3 x 2.5 x 0.7 in.)

Weight
- 42g (1.5 oz.)

Warranty
- 3 year

Package Contents
- TEG-25GECTX
- Quick Installation Guide
- CD-ROM (Drivers)
- Standard & low-profile brackets

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