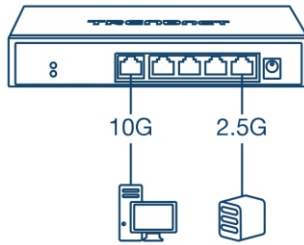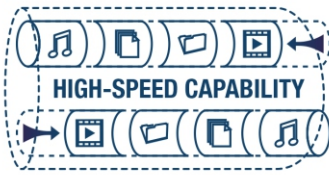# TRENDnet®

5-Port 10G Switch

TEG-S750 (v1.0R)

- 5 x 10G RJ-45 ports
- Supports IEEE 802.3bz 2.5G/5G-BASE-T over cat5e cabling (or better)
- Supports IEEE 802.3an 10G-BASE-T over cat6a cabling (or better)
- 100Gbps switching capacity
- Fanless design for silent operation

TRENDnet's 5-Port 10G Switch, model TEG-S750, provides advanced high bandwidth performance, ease of use, and reliability. The TEG-S750 10G switch features five dedicated 10G ports for high-speed network connections with a 100Gbps switching capacity. Having a sturdy compact metal housing and fanless design, the 10G switch is a cost-effective switch solution for high-speed 10 Gigabit network connections. This versatile unmanaged 10G switch also supports 2.5G/5G-BASE-T connections for faster throughput over your existing Cat5e cabling (or better).

10G Ports
Provides a cost-effective solution in adding 10G link capability with five 10G ports for high-speed connections over Cat6a cabling (or better).
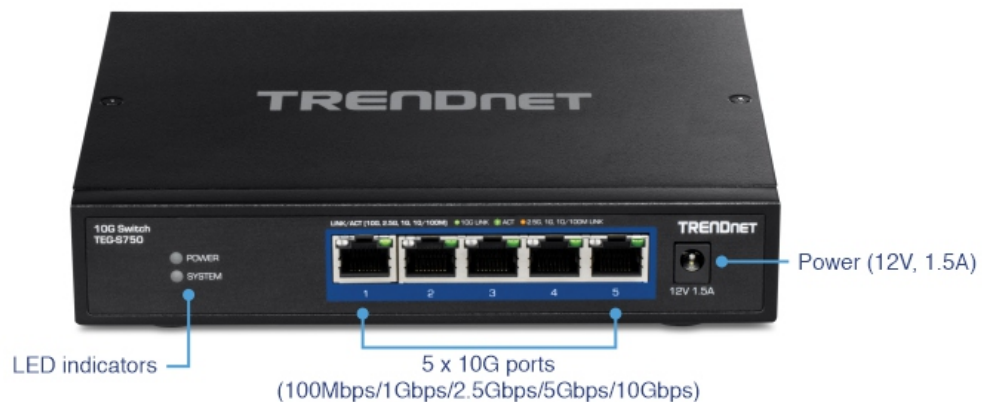
Multi-Gigabit Support
This versatile unmanaged 10G switch also supports 2.5G/5G-BASE-T connections for faster speeds over your existing Cat5e cabling (or better).

Fanless
Convenient fanless design lowers energy consumption and costs, and eliminates distracting noise for silent operation.

NETWORKING SOLUTION

Access Point

Internet

Computer

Router TEG-S750

10G Switch
TEG-S750

LINK/ACT [10G, 2.5G, 1G, 100M] 10G LINK ACT 2.5G, 1G, 100M LINK

POWER

SYSTEM

12V 1.5A

Power (12V, 1.5A)

LED indicators

5 x 10G ports
(100Mbps/1Gbps/2.5Gbps/5Gbps/10Gbps)

TRENDnET®

FEATURES

10G Ports
Provides a cost-effective solution in adding 10G link capability with five 10G ports for high-speed connections over Cat6a cabling (or better)
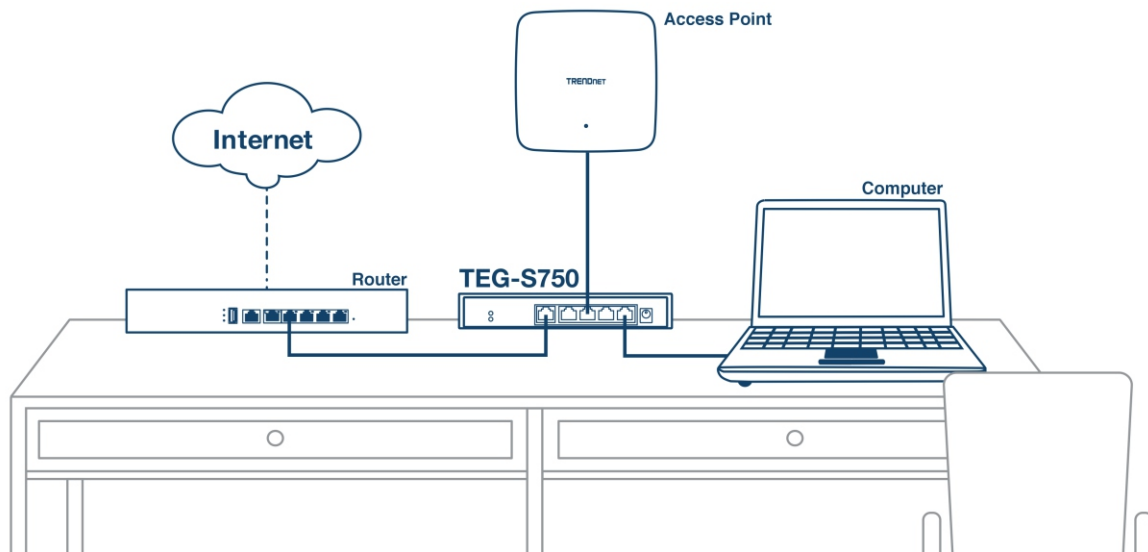
Multi-Gigabit Support
This versatile unmanaged 10GbE switch also supports 2.5G/5G-BASE-T connections for faster speeds over your existing Cat5e cabling (or better)

Fanless
Fanless design lowers energy consumption and eliminates noise for silent operation

Jumbo Frame
Sends larger packets, or Jumbo Frames (up to 12KB), for increased performance

Housing Design
Sturdy metal housing on the 10 gigabit Ethernet switch / 2.5G switch combo is also compact and lightweight

Switching Capacity
The 10GB ethernet switch supports a 100Gbps switching capacity

LED Indicators
LED indicators conveniently convey port status on the 10G switch

SPECIFICATIONS

Standards
- IEEE 802.3ab
- IEEE 802.3an
- IEEE 802.3az
- IEEE 802.3bz

Device Interface
- 5 x 10G ports (1Gbps/2.5Gbps/10Gbps)
- LED indicators

Throughput & Distance
- Cat5e Cabling: 1Gbps/2.5Gbps @ 100m (328 ft.)
- Cat6 Cabling: 10Gbps @ 50m (164 ft.)*
- Cat6a Cabling: 10Gbps @ 100m (328 ft.)*

Data Transfer Rate
- Gigabit Ethernet: 2000Mbps (full duplex)
- 2.5 Gigabit Ethernet: 5Gbps (full duplex)
- 10 Gigabit Ethernet: 20Gbps (full duplex)

Performance
- Switch fabric: 100Gbps
- RAM buffer: 2MB
- MAC address table: 16K entries
- Jumbo frames: 12KB
- Forwarding mode: store and forward
- Forwarding rate: 74.4Mpps (64-byte packet size)

Power
- Input: 100 – 240V AC, 50/60 Hz
- Output: 12V, 1.5A
- Max. Consumption: 15W

MTBF
- 398,276 hours

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

Operating Humidity
- Max. 95% non-condensing

Dimensions
- 180 x 145 x 33mm (7 x 5.7 x 1.3 in.)

Weight
- 2.33 kg (5.12 lbs.)

Certifications
- CE
- FCC
- IC

Warranty
- 3 year

Package Contents
- TEG-S750
- Quick Installation Guide
- Power Adapter (12V, 1.5A)

*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.

Updated: 11/4/2021