

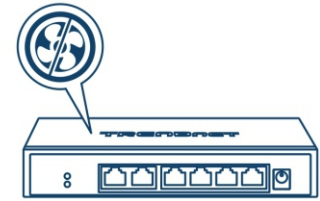
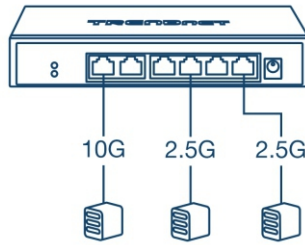
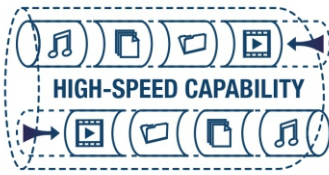


## 6-Port 10G Switch

TEG-S762 (v1.0R)

- 4 x 2.5G RJ-45 ports
- 2 x 10G RJ-45 ports
- Compatible with existing Cat5e or better cabling
- 60Gbps switching capacity
- Fanless design for silent operation
- Wall mountable

TRENDnet's 6-Port 10G Switch, model TEG-S762, is a multi-gig switch that provides advanced high bandwidth performance, ease of use, and reliability. The TEG-S762 multi-gig switch offers two dedicated 10G ports and four dedicated 2.5G ports for high-speed network connections with a 60Gbps 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.



### 10G Ports

Offers two 10G ports for high-speed network connections providing a cost-effective solution in adding 10G link capability.

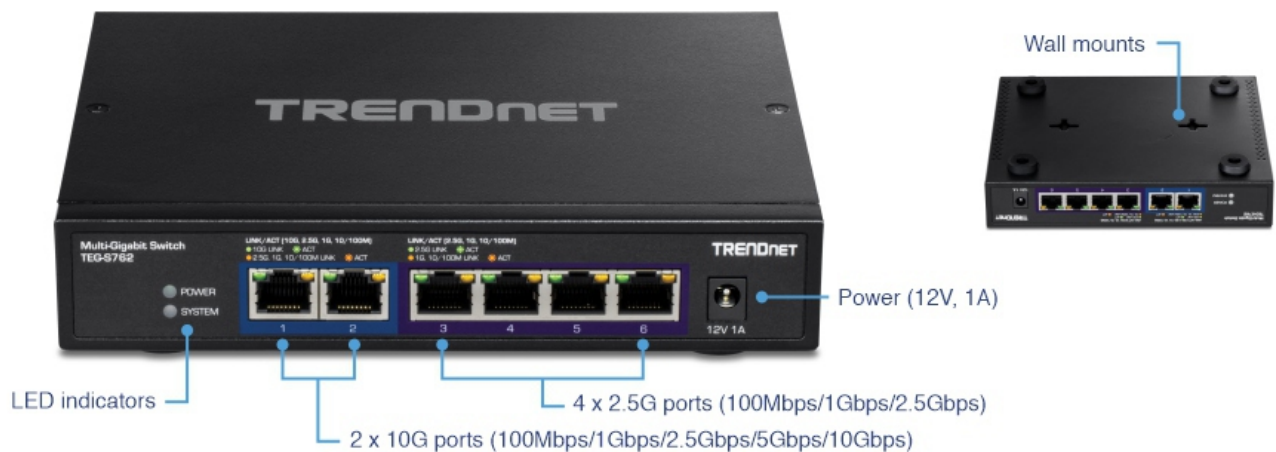
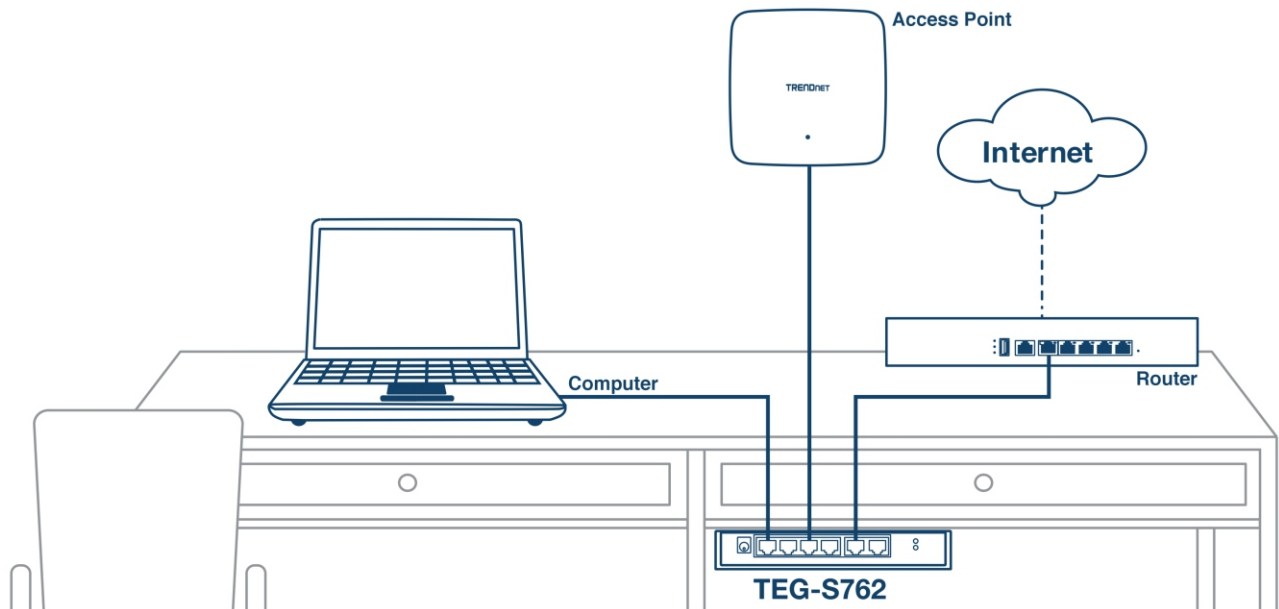
### 2.5G Ports

Equipped with four 2.5GBASE-T RJ-45 ports that provide multi-gigabit speeds capable of up to 2.5Gbps over existing Cat5e or better cabling.

### Fanless

Convenient fanless design lowers unnecessary energy consumption and costs, and eliminates distracting operating noise.

## NETWORKING SOLUTION



## FEATURES



### Network Ports

Provides 4 x 2.5GBASE-T ports and 2 x 10G ports for high-speed network connections



### 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)



### 2.5G Ports

Connect 2.5GBASE-T supported devices at 2.5Gbps for increased throughput over existing Cat5e or better cabling



### Fanless

Fanless design on this multi-gig switch lowers energy consumption and eliminates operating noise



### Jumbo Frame

Sends larger packets, or Jumbo Frames (up to 9KB) for increased performance



### Housing Design

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



### Wall Mountable

Well-suited for desktop installations, but also features convenient wall mountable design for greater installation flexibility



### LED Indicators

LED indicators conveniently convey port status on the multi-gig switch

## SPECIFICATIONS

### Standards

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

### Device Interface

- 4 x 2.5G ports (1Gbps/2.5Gbps)
- 2 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: 60Gbps
- RAM buffer: 2MB
- MAC address table: 16K entries
- Jumbo frames: 9KB
- Forwarding mode: store and forward
- Forwarding rate: 44.64Mpps (64-byte packet size)

### Power

- Input: 100 – 240V AC, 50/60 Hz
- Output: 12V, 1A
- Max. Consumption: 11.9W

### MTBF

- 379,884 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-S762
- Quick Installation Guide
- Power Adapter (12V, 1A)

\*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.