

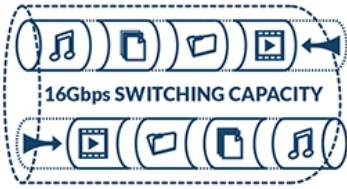


## 8-Port Gigabit Desktop Switch

TEG-S83 (v1.0R)

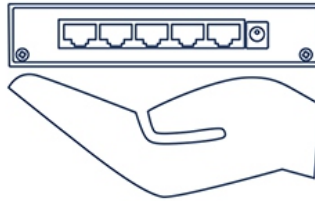
- Plug and play installation
- 8 x Gigabit ports
- 16Gbps switching capacity
- Sturdy metal switch
- Fanless design
- Lifetime warranty\*

The 8-Port Gigabit Desktop Switch, model TEG-S83, provides high-bandwidth performance, ease of use, and reliability. This gigabit switch boosts office network efficiency and eliminates network congestion. It features gigabit speeds and a total switching capacity of 16Gbps with full-duplex mode. Integrate this sturdy metal gigabit switch for reliable high-speed network connectivity.



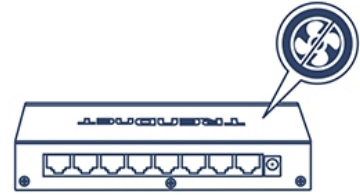
### Gigabit Speeds

Gigabit ports provide high-speed network connections to eight devices, and a 16Gbps switching capacity allows data traffic to flow smoothly, reducing traffic bottlenecks.



### Compact Design

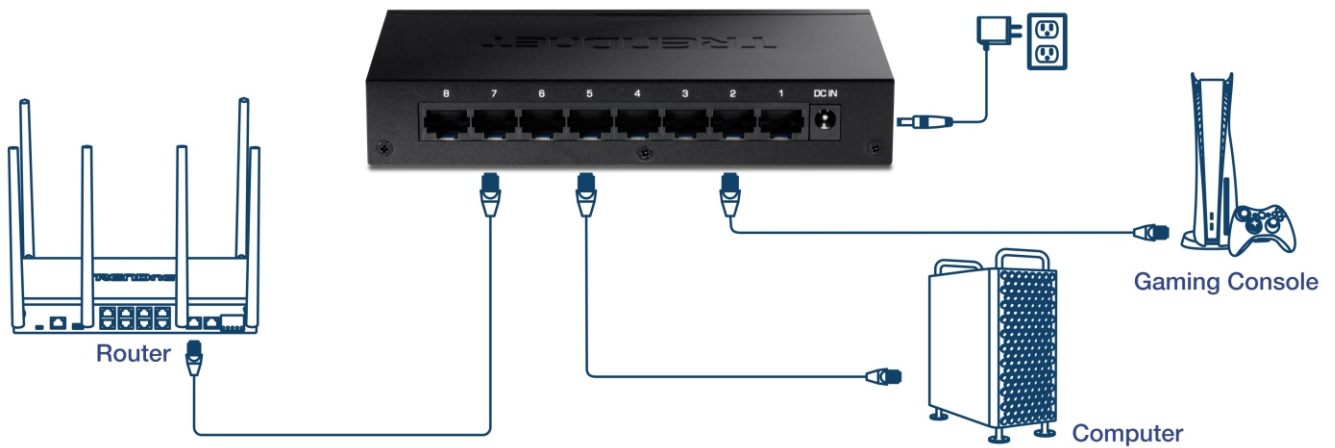
With a compact and lightweight metal housing design, this gigabit switch is well-suited for desktop installations.



### Fanless

Fanless design lowers energy consumption, and eliminates distracting noise for quiet environments that require silent operation.

## NETWORKING SOLUTION



LED indicators



8 x Gigabit ports

Power

## FEATURES



### Easy Setup

Simply power up the gigabit network switch and plug in connected devices



### Ports

8 x Gigabit Ethernet ports



### Switching Capacity

16Gbps switching capacity



### Jumbo Frame

This gigabit Ethernet switch sends larger packets, or Jumbo Frames (up to 9KB), for increased performance



### Fanless

Fanless design lowers energy consumption and eliminates operating noise



### Housing Design

Compact and lightweight metal housing



### LED Indicators

LEDs on the gigabit switch convey power, link, and activity

## SPECIFICATIONS

### Standards

- IEEE 802.3
- IEEE 802.3u
- IEEE 802.3x
- IEEE 802.3ab

### Device Interface

- 8 x Gigabit ports
- LED indicators

### Data Transfer Rate

- Ethernet: 10Mbps (half duplex), 20Mbps (full duplex)
- Fast Ethernet: 100Mbps (half duplex), 200Mbps (full duplex)
- Gigabit: 2000Mbps (full duplex)

### Performance

- Switching Capacity: 16Gbps
- RAM Buffer: 192KB
- MAC Address Table: 4K entries
- Forwarding Rate: 11.9Mpps (64-byte packet size)
- Jumbo Frames: 9KB

### Power

- Input: 100 – 240V AC, 50/60 Hz, 0.2A
- Output: 5 V DC, 1A external power adapter
- Max. Consumption: 3.2W

### Fan/Acoustics

- Fanless design

### MTBF

- 1,451,740 hours

### Operating Temperature

- 0° – 40° C (32° – 104° F)

### Operating Humidity

- Max. 90% non-condensing

### Dimensions (L x W x H)

- 160 x 25 x 109mm (6.29 x 0.98 x 4.29 in.)

### Weight

- 414g (14.6 oz.)

### Certifications

- FCC
- CE

### Warranty

- Lifetime warranty

### Package Contents

- TEG-S83
- Quick Installation Guide
- Power Adapter (5V DC, 1A)

TRENDnet offers a lifetime warranty for all of its metal-enclosed network switches that have been purchased in the United States/Canada on or after 1/1/2015. Cooling fan and internal power supply carry a one-year warranty.

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.