

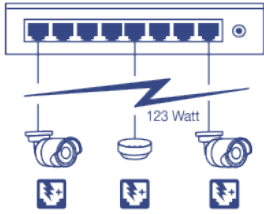


## 8-Port Gigabit PoE+ Switch

TPE-TG80g (v4.1R)

- 8 x Gigabit PoE+ ports
- 123 W PoE power budget
- 16 Gbps switching capacity
- Sturdy metal switch
- Plug and Play installation

TRENDnet's 8-Port Gigabit PoE+ Switch, model TPE-TG80g, offers 8 x Gigabit PoE+ ports (30 Watts/port), a 16Gbps switching capacity, and a PoE power budget of 123 Watts. Plug and Play this sturdy metal switch for reliable high speed PoE networking.



### PoE+

A 123W PoE power budget supports up to eight Power over Ethernet devices.



### Gigabit Ethernet

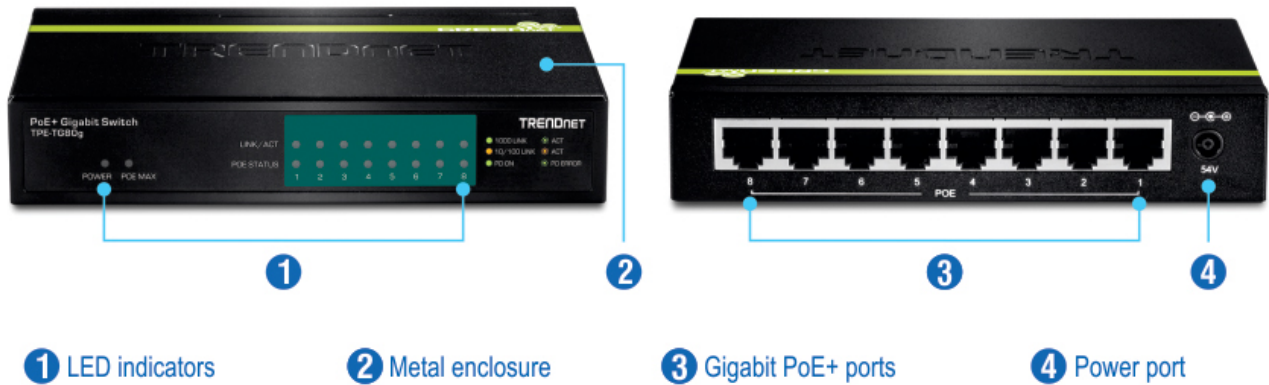
Eight gigabit PoE+ ports provide a 16Gbps switching capacity to support edge network installations.



### Compact Design

With a compact and lightweight housing design, this switch is well-suited for desktop installations. Its fanless design is ideal for quiet environments that require silent operation.

## NETWORKING SOLUTION



## FEATURES



### PoE+

Supplies up to 30 Watts of PoE power per port with a 123 Watt power budget



### Ports

8 x Gigabit PoE+ Ethernet ports



### Switching Capacity

16 Gbps switching capacity



### Jumbo Frame

Sends Jumbo Frames (up to 9 Kbytes) for increased performance



### Energy Savings

Embedded GREENnet technology reduces power consumption



### Housing

Rugged metal enclosure



### LED Indicators

LED indicators convey port status

## SPECIFICATIONS

### Standards

- IEEE 802.1p
- IEEE 802.3
- IEEE 802.3u
- IEEE 802.3x
- IEEE 802.3ab
- IEEE 802.3af
- IEEE 802.3at
- IEEE 802.3az

### Device Interface

- 8 x Gigabit PoE/PoE+ ports
- LED indicators

### Data Transfer Rate

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

### Performance

- Data RAM Buffer: 128KB
- Switch Fabric: 16Gbps
- MAC Address Table: 4K entries
- Forwarding rate: 11.9Mpps (64-byte packet size)
- Jumbo Frame: 9K

### Special Features

- GREENnet energy saving technology

### Power

- Input: 100-240 V AC, 50/60 Hz, 1.9 A
- Output: 54V DC, 2.77A
- Max. consumption: 5.3W

### PoE

- PoE budget: 123 W
- Pin 1,2 for power+ and pin 3,6 for power- (mode A)

### Operating Temperature

- 0 – 45 °C (32 - 113 °F)

### Operating Humidity

- Max. 90% non-condensing

### Dimensions

- 150 x 96 x 28mm (5.9 x 3.8 x 1.1 in.)

### Weight

- 400g (14 oz.)

### Certifications

- CE
- FCC

### Warranty

- 3 year

### Package Contents

- TPE-TG80g
- Quick Installation Guide
- Power adapter (54 V DC, 2.77 A)

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.