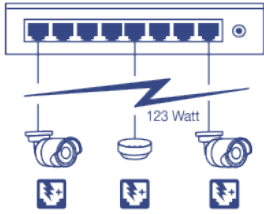# TRENDNET®

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
- Lifetime Warranty

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.

TRENDnet®

PoE+

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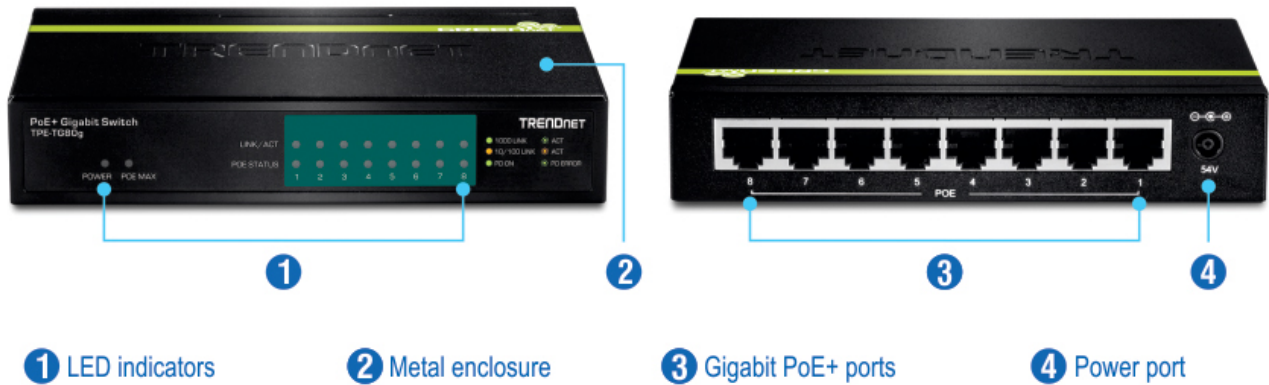
Gigabit Ethernet

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

❶ LED indicators   ❷ Metal enclosure   ❸ Gigabit PoE+ ports   ❹ Power port

TRENDNET®

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

TRENDnet®

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.

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.