

8-Port Gigabit PoE+ Switch

TPE-TG82g (V3)

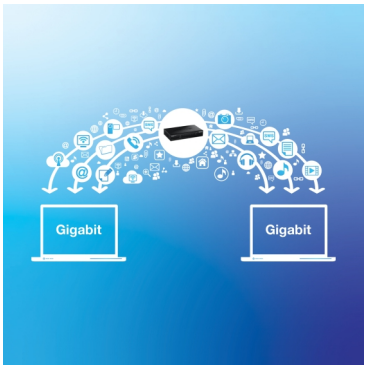
- 8 x Gigabit PoE+ ports
- 65W PoE power budget
- 16Gbps switching capacity
- Compact fanless design
- Wall-mountable metal housing
- Lifetime Warranty
- NDAA / TAA compliant (U.S. and Canada only)

TRENDnet's 8-Port Gigabit PoE+ Switch, model TPE-TG82g, reduces equipment and installation costs by delivering data and power over existing Ethernet cables. This compact network switch features eight gigabit PoE+ ports with a total PoE power budget of 65W. With PoE technology, users only need one set of cables to deliver both data and power. This small network switch allows you to network PoE devices, such as wireless access points, IP cameras, VoIP phones, IP video encoders, and access controls. It features a fanless design, and has a convenient option for wall mounting.



PoE+

A 65W PoE power budget supports up to eight Power over Ethernet devices, such as access points and IP cameras.



Gigabit Ports

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



Compact Design

The compact and lightweight housing is well-suited for desktops. The fanless design also makes it ideal for quiet environments.

FEATURES

PoE+
Supplies up to 30 watts of PoE power per port with a 65W PoE power budget

Gigabit Ports
8 x Gigabit PoE+ Ethernet ports

Compact Design
Compact and lightweight metal housing design well-suited for desktop installations

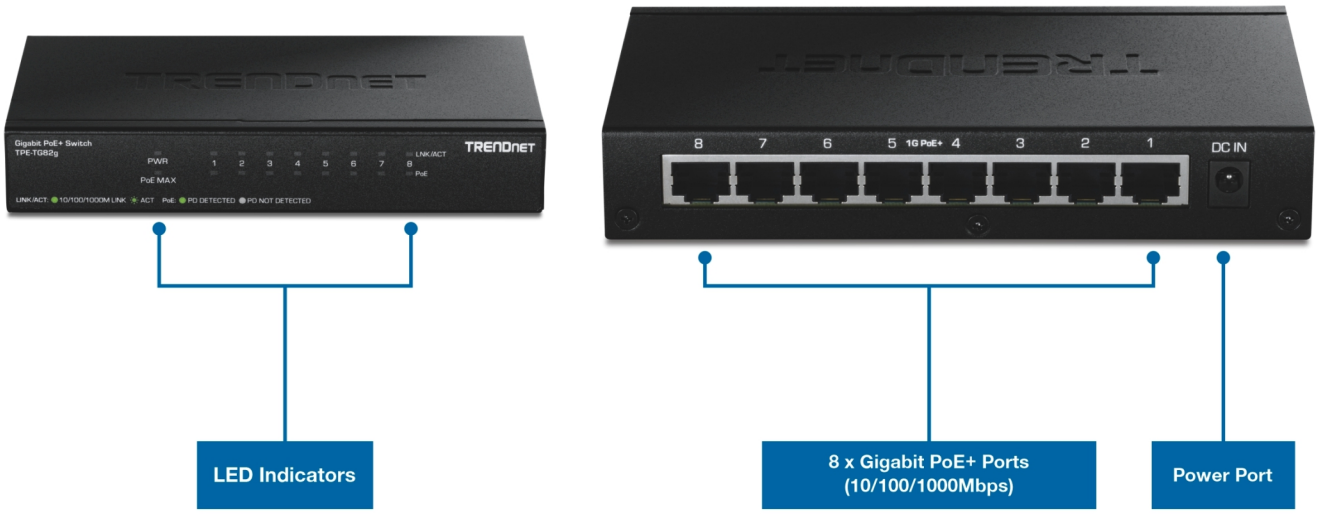
Switching Capacity
16Gbps switching capacity

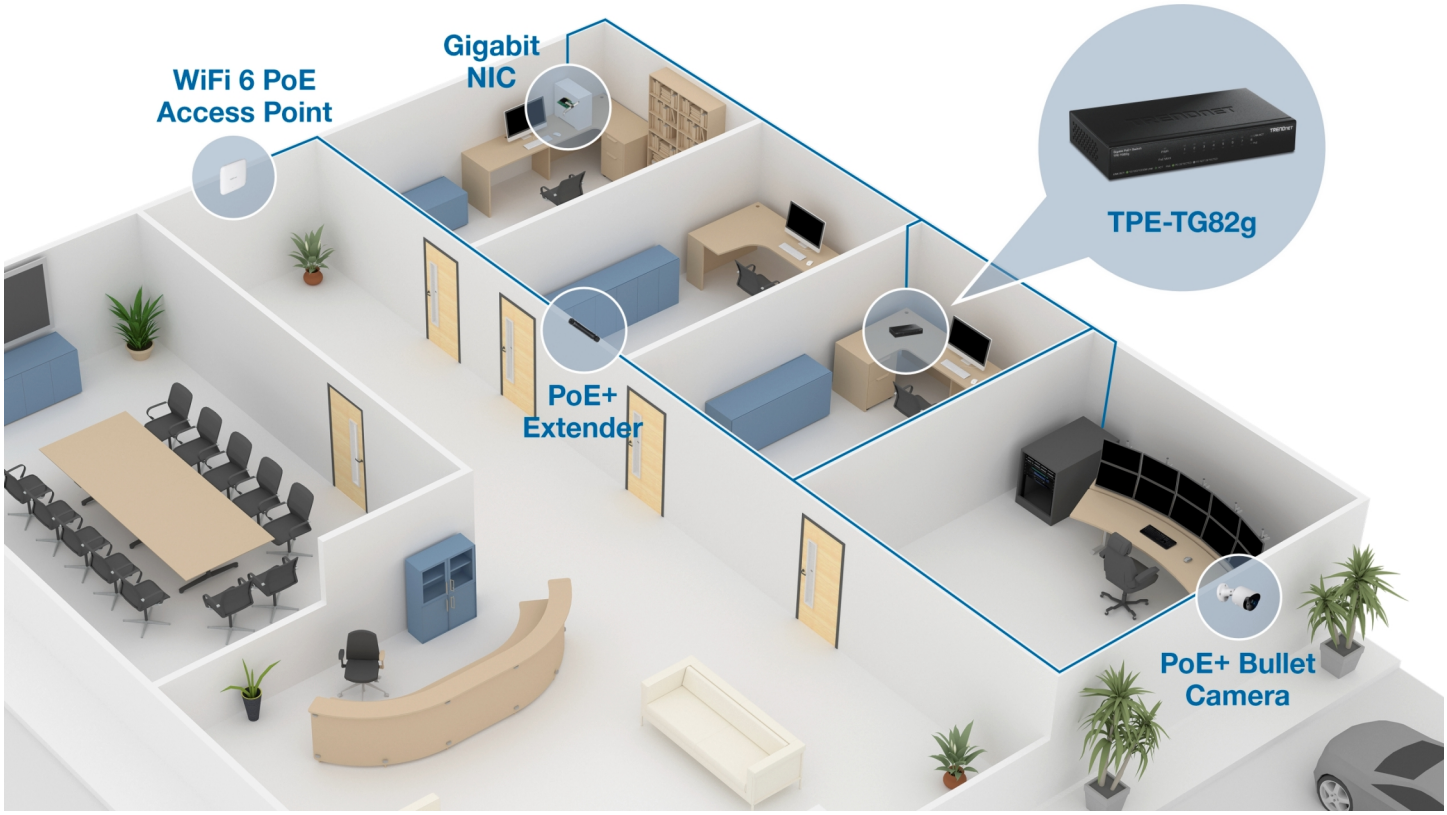
Jumbo Frame
Sends Jumbo Frames (up to 9 KB) for increased performance

Fanless
Fanless design is ideal for quiet environments that require silent operation

LED Indicators
Includes LED indicators that convey port status

NETWORKING SOLUTION





SPECIFICATIONS

Standards
- IEEE 802.3
- IEEE 802.3u
- IEEE 802.3x
- IEEE 802.3ab
- IEEE 802.3af
- IEEE 802.3at

Device Interface
- 8 x Gigabit PoE+ ports (10Mbps / 100Mbps / 1000Mbps)
- LED indicators

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

Power
- Input: 100-240V AC, 50/60 Hz 1.2A
- Output: 55V DC, 1.67A
- Max. consumption: 5.18W (no PD connected)

PoE
- PoE budget: 65W
- PoE Mode A: Pins 1, 2, 3, and 6 for power-

MTBF
- 1, 141, 451 hours @ 25° C

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

Operating Humidity
- Max. 90% non-condensing

Dimensions
- 154 x 85 x 26mm (6 x 3.35 x 1.02 in.)

Weight
- 346g (12.2 oz.)

Certifications
- CE
- FCC
- LVD

Warranty
- Lifetime Warranty

Package Contents
- TPE-TG82g
- Quick Installation Guide
- Power Brick (55V DC, 1.3A)
- Power cord

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.

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