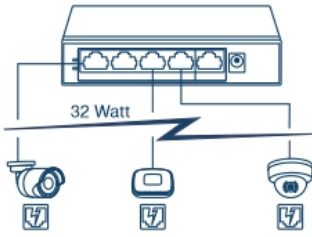# TRENDNET®

5-Port Gigabit PoE+ Switch
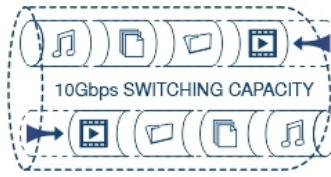
TPE-TG52 (v1.0R)

- 4 x Gigabit PoE+ ports
- 1 x Gigabit port
- 32W PoE power budget
- 10Gbps switching capacity
- IEEE 802.1p QoS and DSCP pass-through support
- Compact fanless design
- Wall-mountable metal housing

TRENDnet's 5-Port Gigabit PoE+ Switch, model TPE-TG52, reduces equipment and installation costs by delivering data and power over existing Ethernet cables. With PoE technology, users only need one set of cables to deliver both data and power. This compact network switch features four gigabit PoE+ ports and one gigabit port, with a 32W total PoE power budget. The TPE-TG52 PoE+ switch allows you to network PoE devices, such as wireless access points, IP cameras, VoIP phones, IP video encoders, access controls, and more. It features a fanless design, and has a convenient option for wall mounting.
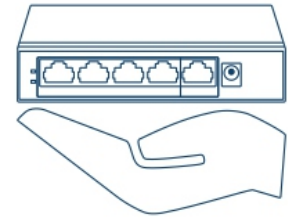
TRENDNET®

PoE+
A 32W PoE power budget supports up to four Power over Ethernet devices.
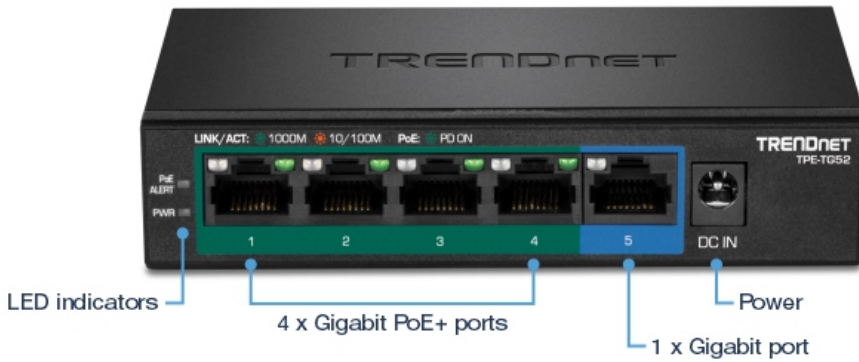

10Gbps SWITCHING CAPACITY

Gigabit Ports
Five gigabit ports provide a 10Gbps switching capacity to support edge network installations.

Compact Design
Compact, lightweight, and fanless, this switch is designed for desktops and quiet environments.

LED indicators

4 x Gigabit PoE+ ports

1 x Gigabit port

Power

On / off

FEATURES

PoE+
Supplies up to 30 watts of PoE power per port with a 32W power budget

Gigabit Ports
4 x Gigabit PoE+ Ethernet ports, 1 x Gigabit port

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

Switching Capacity
10Gbps switching capacity

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

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

LED Indicators
LED indicators convey port status

SPECIFICATIONS

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

Device Interface
- 4 x Gigabit PoE+ ports
- 1 x Gigabit port
- LED indicators

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

Performance
- Switch Fabric: 10Gbps
- RAM Buffer: 128KB
- MAC Address Table: 2K entries
- Jumbo Frames: 9KB
- Forwarding rate: 7.44Mpps (64-byte packet size)

Special Features
- VLAN port isolation
- 802.1p Class of Service (CoS)
- Wall mountable

Power
- Input: 100 – 240 V AC, 50/60Hz, 1.2A
- Output: 54V DC, 0.7A external power adapter
- Max. consumption: 36W

PoE
- PoE budget: 32W
- PoE Mode A: Pins 1,2 for power and pins 3,6 for power

MTBF
- 3,516,000 hours

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

Operating Humidity
- Max. 90% non-condensing

Dimensions
- 121 x 75 x 26mm (4.76 x 2.95 x 1 in.)

Weight
- 246g (8.68 oz.)

Certifications
- CE
- FCC
- LVD

Warranty
- 3 year

Package Contents
- TPE-TG52
- Quick Installation Guide
- Power adapter (54V DC, 0.7A)