

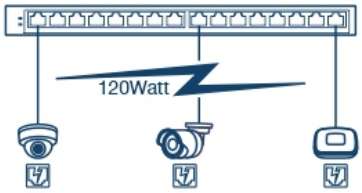
# 16-Port Gigabit PoE+ Switch

TPE-TG161H (v1.0R)

- 16 x Gigabit PoE+ ports
- 120W PoE power budget
- 32Gbps switching capacity
- Fanless design eliminates operating noise
- IEEE 802.3af/at compliant
- Reduces equipment cost by delivering data and power over existing network cables
- 1U 19” rack mountable with brackets included
- External power supply
- Lifetime Warranty

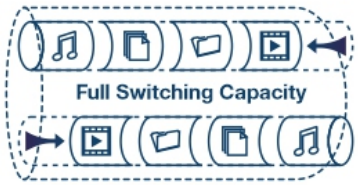
Installers and integrators can save on equipment costs and reduce installation time with TRENDnet’s Unmanaged Gigabit PoE+ Switches. These gigabit PoE+ switches deliver up to 30W per port of PoE power, and data over your existing Ethernet cables. With PoE technology, users only need one set of cables to deliver both power and data.

The new fanless design reduces unnecessary energy consumption and eliminates disruptive operating noise. Easily connect and network your PoE and PoE+ devices, such as high-power wireless access points, PTZ and other advanced IP cameras, VoIP phone systems, IPTV decoders, and access controls, to reliable TRENDnet’s gigabit PoE+ switches.




### PoE+

Features a 120W total PoE power budget, and supplies 16 Power over Ethernet devices with up to 30W per port.




### Gigabit Ports

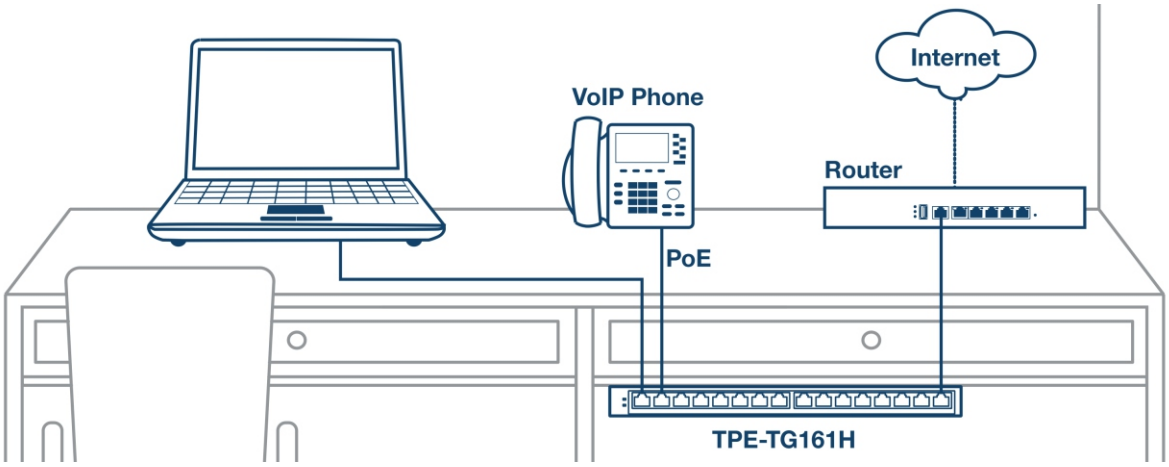
With high-speed gigabit ports and a full switching capacity, these switches are well-suited for the most demanding network applications.

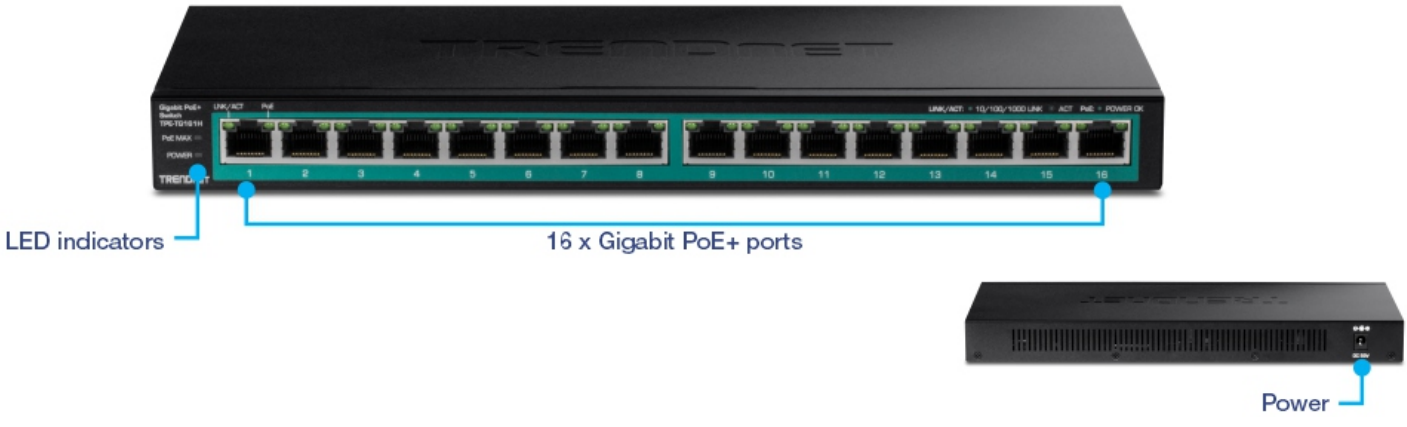


### Fanless

Fanless PoE+ switch design lowers unnecessary energy consumption and eliminates disruptive operating noise.

## NETWORKING SOLUTION



# FEATURES

### Easy Installation
No configuration needed, simply connect PoE+ network devices to the PoE+ switch

### PoE+
Supplies up to 30W of power per port with data over a single Ethernet cable to PoE and PoE+ devices

### Gigabit Ports
Equipped with 16 high-speed gigabit PoE+ ports and a full switching capacity, these switches are well-suited for the most demanding networking applications

### Fanless
Fanless PoE+ switch design lowers energy consumption and eliminates distracting operating noise

### Housing Design
With a sturdy metal housing and included rackmount brackets, this PoE+ switch is designed for wall-mount or 19" 1U rack installations

### Jumbo Frame
Sends larger packets, or Jumbo Frames (up to 10KB), for increased performance

### LED Indicators
LED indicators convey port status

# SPECIFICATIONS

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

### Device Interface
- 16 x Gigabit 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)

### Housing
- Rack mountable
- Wall mountable

### Performance
- Data RAM Buffer: 512KB
- Switch Fabric: 32Gbps
- MAC Address Table: 8K entries
- Forwarding rate: 23.8Mpps (64-byte packet size)
- Jumbo Frame: 10KB

### Power
- Input: 100 – 240V AC, 50/60Hz, DC 54V/2.78A
- Max. consumption: 12.8W (no PD)

### PoE
- PoE budget: 120W
- PoE Mode A: Pins 1, 2, 3, and 6 for power
- Over current protection
- Short circuit protection

### MTBF
- 443,948 hours

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

### Operating Humidity
- Max. 90% non-condensing

### Dimensions
- 287 x 128 x 27mm (11.3 x 5.04 x 1.06 in.)

### Weight
- 908g (32 oz.)

### Certifications
- CE
- FCC

### Warranty
- Lifetime Warranty

### Package Contents
- TPE-TG161H
- Quick Installation Guide
- Rack Mount Kit
- Power brick (55V, 2.55A)
- Power cord (1.5m / 4.9 ft.)

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.

**20675 Manhattan Place • Torrance • CA 90501 • USA • T: 1-888-326-6061 • F: 1-310-961-5511 • sales@trendnet.com • www.TRENDnet.com**

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