

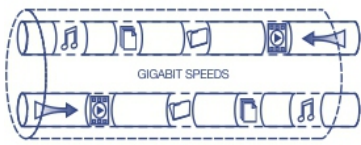


## 16-Port Gigabit GREENnet Desktop Switch

TEG-S16Dg (v2.1R)

- GREENnet technology reduces power consumption by up to 70%\*
- 16 x Gigabit RJ-45 ports
- Sturdy metal desktop switch with built-in power supply
- 32 Gbps forwarding capacity

The 16-Port Gigabit GREENnet Desktop Switch, model TEG-S16Dg, provides high bandwidth performance, ease of use, and reliability, all while reducing power consumption by up to 70%\*. GREENnet technology automatically adjusts power consumption as needed, resulting in substantial energy savings. Embedded GREENnet technology works right out of the box with no management requirement.



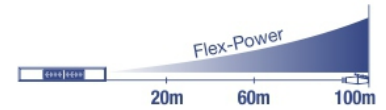
### Gigabit Speeds

16 gigabit ports provide high-speed network connections to devices and a 32 Gbps switching capacity allows data traffic to flow smoothly, reducing traffic bottlenecks.



### Desktop Design

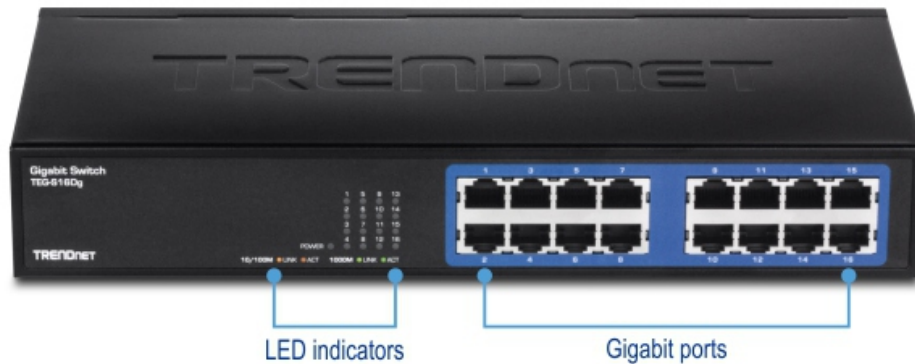
With a compact and sturdy metal housing design this switch is well-suited for desktop installations. Its fanless design is perfect for quiet environments that require silent operation.



### Energy Savings

Embedded GREENnet technology provides cost savings and reduces power consumption by up to 70%, by limiting port power consumption during periods of low link utilization.

## NETWORKING SOLUTION



## FEATURES



#### Plug and Play

Simply power up the switch and plug in connected devices



#### Ports

16 x Gigabit Ethernet ports



#### Switching Capacity

32 Gbps switching capacity



#### Jumbo Frame

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



#### Fanless

Fanless design lowers energy consumption and eliminates operating noise



#### LED Indicators

LEDs convey power, link and activity



#### Internal Power Supply

100~240 VAC, 50/60 Hz internal universal switching power supply



#### Optional Rack Mount (sold separately)

Rack mountable with ETH-11MK rack mount brackets

## SPECIFICATIONS

### Standards

- IEEE 802.3 10Base-T
- IEEE 802.3u 100Base-TX
- IEEE 802.3ab 1000Base-T
- IEEE 802.3x Flow Control
- IEEE 802.3az Energy Efficient Ethernet

### Network Media

- Ethernet: Cat. 5 up to 100 m
- Fast Ethernet: Cat. 5 and 5e up to 100 m
- Gigabit Ethernet: Cat. 5e and 6 up to 100 m

### Data Rate

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

### Protocol / Topology

- CSMA / CD, Star

### Power Consumption

- 10.1 Watts (max.)

### Switch Fabric

- 32 Gbps

### Interface

- 16 x 10/100/1000 Mbps Auto-MDIX RJ-45 ports

### Data RAM Buffer

- 512 KB
- 8 K entries

### Jumbo Frame Support

- Up to 10 KB

### Diagnostic LED

- Power, 10/100 Mbps Link / ACT, 1000 Mbps Link / ACT

### Power

- 100~240 VAC, 50/60 Hz Internal universal switching power

### Dimension

- 280 x 125.8 x 44 mm (11 x 5 x 1.7 in.)

### Weight

- 1.1 kg (2.4 lbs.)

### Temperature

- Operating: 0° ~ 40° C (32° ~ 104° F)
- Storage: -10° ~ 70° C (14° ~ 158° F)

### Humidity

- Max. 90% (non-condensing)

### Certifications

- CE, FCC

### Warranty

- 3 year limited

### Package Contents

- TEG-S16Dg
- Quick Installation Guide
- Power cord (1.8 m / 6 ft.)

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.