



## 16-Port 10/100 Mbps GREENnet Switch

TE100-S16Dg (v1.0R)

- 16 x 10/100 Mbps Ethernet ports
- 3.2 Gbps switching fabric
- Compact fanless design
- Up to 40% GREENnet energy savings\*

TRENDnet's compact 16-Port 10/100 Mbps GREENnet Switch, model TE100-S16Dg, provides performance, proven reliability, and reduced power consumption by up to 40%\*. Embedded energy saving GREENnet technology works right out of the box with no management required. This fanless unmanaged desktop switch offers a total switching capacity of 3.2 Gbps.



## Plug and Play

Simply power up the switch and plug in connected devices



## Ports

16 x 10/100 Mbps Ethernet ports



## Switching Capacity

3.2 Gbps switching capacity



## Compact Enclosure

Compact desktop switch



## LED Indicators

LED indicators convey port status



## Fanless

Fanless design reduces energy consumption and operating noise



## Energy Savings

Embedded GREENnet technology reduces power consumption by up to 40%\*

## Networking Solution



1

1 LED indicators



2

2 Ethernet ports

3

3 Power port

## Specifications

### Standards

- IEEE 802.3
- IEEE 802.3u
- IEEE 802.3x
- IEEE 802.3az

### Device Interface

- 16 x 10/100 Mbps 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)

### Performance

- Data RAM Buffer: 156 KB
- Switch Fabric: 3.2 Gbps
- MAC Address Table: 4 K entries
- Forwarding rate: 2.38 Mpps (64-byte packet size)

### Special Features

- GREENnet energy saving technology

### Power

- Input: 100-240 V AC, 50/60 Hz, 0.2 A

- Output: 5 V DC, 1A
- Consumption: 5 Watts (max.)

### Operating Temperature

- 0 – 40 °C (32 - 104 °F)

### Operating Humidity

- Max. 90 % non-condensing

### Dimensions

- 156 x 107 x 42.5 mm (6.1 x 4.2 x 1.6 in.)

### Weight

- 261 g (9 oz.)

### Certifications

- CE
- FCC

### Warranty

- 3 year limited

### Package Contents

- TE100-S16Dg
- Quick Installation Guide
- Power adapter (5V DC, 1A)

\* Max power savings compared with standard TRENDnet switches.

