



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.

