



## **TEG-S28TX** **10-Port 10/100/1000Mbps NWay Copper Gigabit Switch**

TRENDnet's TEG-S28TX 10-Port NWay Copper Gigabit Switch consists of two 10/100/1000Mbps Copper Gigabit port and eight 10/100Mbps Fast Ethernet ports with all ports delivering auto-sense connection speed and duplex mode. Users can connect two Gigabit Servers to the Gigabit port to increase network performance or uplink Copper Gigabit Switches together to create high-bandwidth Gigabit backbone. TRENDnet's TEG-S28TX provides simple migration, scalability, and flexibility to handle new applications and data types making it a highly reliable and cost effective solution for high-speed network connectivity.



### **FEATURES**

- 8 10/100Mbps NWay Auto-MDI Ethernet Port
- 2 10/100/1000Mbps NWay Auto-MDI Gigabit Ethernet Port
- Full/Half Duplex transfer mode for each port
- Wire Speed reception and transmission
- Store and Forward switching method
- Integrated address Look-up Engine, supports 6K absolute MAC address
- Supports 256Kbytes RAM for diagnostic buffering
- Extensive front-panel LEDs
- Broadcast Storm protection
- IEEE-802.3x flow control for full-duplex
- Back Pressure flow control for half-duplex
- Optional Rack mount kit for 19" standard rack
- 5 Year Warranty

### **BENEFITS**

- **Performance:**  
Provides 1000Mbps Gigabit connections to Power Server and/or another Gigabit Switch, with each port running at full wire speed.
- **Flexibility:**  
Connects to 10Base-T, 100Base-TX, and 1000Base-T Networks.
- **Expandability:**  
Simple expansion can be done by uplinking to other 10/100Mbps Switches or other Gigabit Switches.
- **Cost Effective:**  
Provides Gigabit Performance at an affordable price.



# TEG-S28TX

## 10-Port 10/100/1000Mbps NWay Copper Gigabit Switch

### SPECIFICATIONS

#### LAN Standards:

- IEEE 802.3 10Base-T, IEEE 802.3u 100Base-TX, IEEE 802.3ab 1000Base-T, ANSI/IEEE 802.3 NWay auto-negotiation, IEEE 802.3x Flow Control

#### Network Media:

- Ethernet: UTP CAT 3, 4, 5, EIA/TIA-568 100 ohms, 100 meters (max.);
- Fast Ethernet: UTP CAT 5, EIA/TIA-568 100 ohms, 100 meters (max.);
- Gigabit Ethernet: 4-pair UTP CAT 5, EIA/TIA-568 100 ohms, 100 meters (max.)

#### Protocol:

- CSMA/CD

#### Topology:

- Star

#### Data Transfer Rates:

- Ethernet: 10Mbps Half-Duplex, 20Mbps Full-Duplex
- Fast Ethernet: 100Mbps Half-Duplex, 200Mbps Full-Duplex
- Gigabit Ethernet: 2000Mbps Full-Duplex

#### Data RAM Buffers:

- 256KByte per device

#### Filtering Address Table:

- 6K entries per device

#### Diagnostic LEDs:

- Power, Speed, Link/Act, FDX/COL

#### Power:

- 100~240VAC 50/60Hz, Internal Universal Switching Power Supply

#### Power Consumption:

- 30 Watts. Max

#### Dimensions:

- 280 x 180 x 44 mm (11 x 7.1x1.73 inches) (W x H x D)

#### Weight:

- appr. 1.64 kg (3.61 lb.)

#### Temperature:

- Operating: 0°~50° C (32° to 122° F)
- Storage: -10°~70° C (14° to 158° F)

#### Humidity:

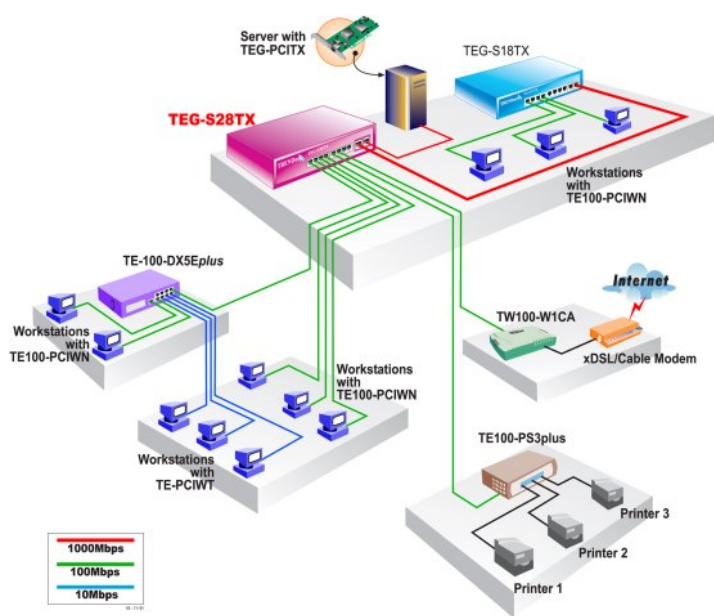
- 10% - 90% (no-condensing)

#### Emission:

- FCC Class A, CE Mark A, VCCI-A



### NETWORKING SOLUTIONS



**To Order Please Call:**  
**1-888-326-6061**

### PRODUCT INFORMATION

- TEG-S28TX: 10-Port 10/100/1000Mbps NWay Copper Gigabit Ethernet Switch
- TEG-S224TX: 26-port 10/100/1000Mbps NWay Copper Gigabit Ethernet Switch
- TEG-S80TX: 8-port 10/100/1000Mbps NWay Copper Gigabit Switch
- TEG-S18TX: 9-port 10/100/1000Mbps NWay Copper Gigabit Switch
- TEG-PCITX: 32-Bit PCI 10/100/1000Mbps NWay Copper Gigabit Ethernet Card
- TEG-PCITX2: 32/64-Bit PCI 10/100/1000Mbps NWay Copper Gigabit Ethernet Card

### ORDERING INFORMATION

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