



## **TEG-S224TX** **26-Port 10/100/1000Mbps NWay Copper Gigabit Ethernet Switch**

TRENDnet's TEG-S224TX is a 26-port 10/100/1000Mbps NWay Gigabit Switch with 24 10/100Mbps NWay Ethernet ports and two 1000Base-T Copper Gigabit Ethernet ports. All ports supports full and half duplex transfer mode with non-blocking store-and-forward switching method. This high-performance switch also supports IEEE 802.1p Quality of Service (QoS) for priority data packet processing. And with Broadcast Storm Control, Port Trunking, and VLAN supports, the TEG-S224TX is powerful and easy-to-use in reducing unnecessary broadcast traffic, segmenting the network, and enhancing network security.



### FEATURES

- > 2 10/100/1000Mbps Auto-Negotiation Copper Gigabit Ethernet Ports
- > 24 10/100Mbps Auto-Negotiation Ethernet/Fast Ethernet Ports
- > Full/half Duplex transfer mode for each 10/100/1000Mbps ports
- > Auto MDI-II / MDI-X media type detection for all ports
- > Supports store and forward architecture with non-blocking full wire speed performance
- > 802.3x flow control for full duplex and collision-based back pressure function for full duplex operation
- > Supports up to 32K MAC addresses table/hashing algorithm on address learning
- > Supports 2Mbytes packet buffer per device
- > Broadcast storm control
- > Port Trunking (2 Trunk Groups) with 2, 3, 4, 5, 6, 7, or 8 designated 10/100Mbps ports
- > Port-based VLAN
- > Supports IEEE 802.1p Port-Based Quality of Service (QoS)
- > Console Port (cable included) for easy configuration with Windows-Based GUI (for Win95/98/ME)
- > Extensive front-panel diagnostic LED's
- > 5 Year Warranty

### BENEFITS

- > **Performance:**  
Provides two 1000Mbps Gigabit connections to Power Servers and/or other 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 or Gigabit Switches. Trunks two switches with up to 8 10/100Mbps ports to create 1.6Gbps "pipe" between two Switches.
- > **Cost Effectiveness:**  
Provides Gigabit Performance at an affordable price.
- > **Security:**  
Port-based VLAN to further segment the network.

# TEG-S224TX

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

### SPECIFICATIONS

#### Standards:

- IEEE 802.3 10Base-T Ethernet, IEEE 802.3u 100Base-TX Fast Ethernet, IEEE 802.3ab 1000Base-T Gigabit Ethernet, IEEE 802.3z 1000Base-F Gigabit Ethernet, ANSI/IEEE 802.3 NWay Auto-Negotiation, IEEE 802.3x Full-Duplex Flow Control

#### Data Transfer Rate:

- Ethernet: 10Mbps (Half-Duplex), 20Mbps (Full-Duplex)
- Fast Ethernet: 100Mbps (Half-Duplex), 200Mbps (Full-Duplex)
- Gigabit Ethernet: 1000Mbps (Half-Duplex), 2000Mbps (Full-Duplex)

#### Protocol:

- CSMA/CD

#### Topology:

- Star

#### Cabling:

- Ethernet: UTP CAT 3,4,5, EIA/ITA-568 100-ohm screened twisted pair (STP)
- Fast Ethernet: UTP CAT 5, EIA/TIA-568 100-ohm screened twisted pair (STP)
- Gigabit Ethernet: UTP CAT 5, EIA/TIA-568 100-ohm screened twisted pair (STP)

#### Data RAM Buffers:

- 2Mbit per Device

#### Filtering Address Table:

- 32K entries per device

#### Diagnostic LEDs:

- Power, 10M Link/Act, 100M Link/Act, 1000M Link/Act

#### Power Consumption:

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

#### Dimensions:

- 440 x 200 x 44mm (W x H x D)

#### Temperature:

- Operating: 0° to 50°C (32° to 122° F)
- Storage: -5° to 55° C (23° to 131° F)

#### Humidity:

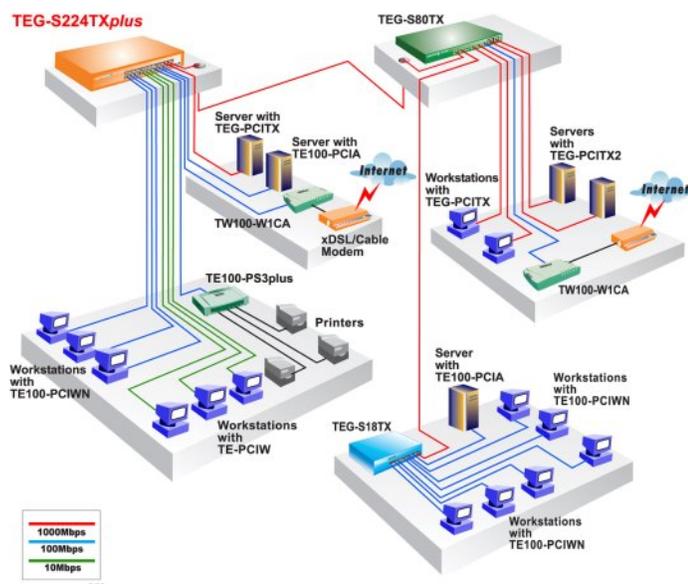
- 5 % to 90 % non-condensing

#### Certifications:

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



### NETWORKING SOLUTIONS



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

### PRODUCT INFORMATION

- TEG-S224TX: 26-port 10/100/1000Mbps NWay Copper Gigabit 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
- ETH-800I: EIA-19" Rack-Mount Kit for TEG-S18TX

### ORDERING INFORMATION

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