TRENDNET®

16-Port Gigabit Switch
TEG-S160TX (D1.0R)

TEG-S160TX is a high performance 16-port rack mountable Copper Gigabit Switch. With auto-negotiation technology, the TEG-S160TX automatically negotiates between 10Base-T, 100Base-TX and 1000Base-T network speeds, as well as half and full duplex modes. The Auto-MDIX feature on each port automatically detects and adjusts connection type with either straight-through or crossover cable. Providing simple migration, scalability, and flexibility to handle new applications and data types, TEG-S160TX is a highly reliable and cost effective solution for high-speed network applications.
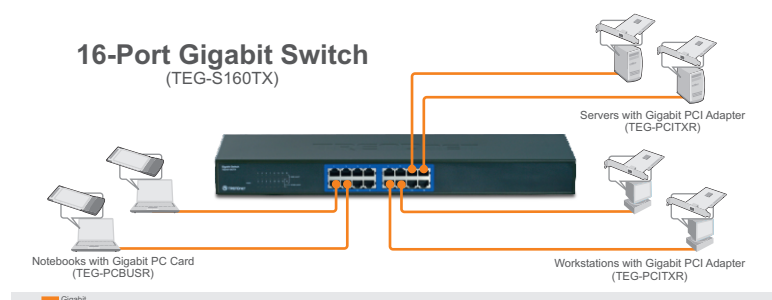
FEATURES

- 16 x 10/100/1000Mbps Auto-Negotiation and Auto-MDIX Ports
- Full/Half-Duplex transfer mode for each port (1000Base-T connections support full-duplex mode only)
- Store and Forward Switching Method
- High Performance Single-Chip Design
- Non-Blocking Wire Speed Reception and Transmission
- IEEE 802.3x Full-Duplex Flow Control
- Integrated Address Look-Up Engine, Supports 8k Absolute MAC Address
- 340KBytes RAM Data Buffering
- Extensive Front Panel Diagnostic LEDs
- Standard 19" Rack-Mount Design
- 3-Year Limited Warranty

SPECIFICATIONS

Hardware	
Standards	• IEEE 802.3 10Base-T • IEEE 802.3u 100Base-TX • IEEE 802.3ab 1000Base-T • IEEE 802.3x Full Duplex Flow Control
Network Media	• Ethernet: 2-pair UTP Cat. 3, 4, 5, up to 10Mbps • Fast Ethernet: 2-pair UTP Cat. 5, up to 100Mbps • Gigabit: 4-pair UTP Cat. 5, 5E, 6, up to 1000Mbps
Transmission Method	• Store-and-Forward
Transfer Rate	• Ethernet: 10Mbps/20Mbps (Half/Full Duplex) • Fast Ethernet: 100Mbps/200Mbps (Half/Full Duplex) • Gigabit: 2000Mbps (Full Duplex)
Switch Fabric	• 31Gbps Forwarding Capacity
Data RAM Buffer	• 340Kbytes
MAC Table	• 8K entries per device
LED	• Per Unit: Power • Per Port: Link/ACT, 1000M, 100M
Power	• 100~240V AC, 50/60Hz, Internal Power Supply
Power Consumption	• 13.5 watts. (max)
Dimensions	• 440 x 140 x 44 mm (17.3 x 5.5 x 1.73 inches)
Weights	• 3Kg. (6.6 lb)
Temperature	• Operating: 0°C ~ 40°C (32°F ~ 104°F) • Storage: -10°C to 70°C (14°F to 158°F)
Humidity	• 10% ~ 90% (no-condensing)
Certification	• FCC, CE

NETWORKING SOLUTIONS

16-Port Gigabit Switch
(TEG-S160TX)

Servers with Gigabit PCI Adapter
(TEG-PCITXR)

Notebooks with Gigabit PC Card
(TEG-PCBUSR)

Workstations with Gigabit PCI Adapter
(TEG-PCITXR)

■ Gigabit

PACKAGE CONTENTS

• TEG-S160TX

• Multi-Language Quick Installation Guide

• Rack Mount Kit

• Power Cord

RELATED PRODUCTS

TEG-PCBUSR	Gigabit PC Card
TEG-PCITXR	Gigabit PCI Adapter
TEG-S240TX	24-Port Gigabit Switch

ORDERING INFORMATION

TRENDNET ®

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