# 16-Port Compact Gigabit Switch
## TEG-S16R (v1.0R)

The16-Port Gigabit Switch provides high bandwidth performance, ease of use and reliability in a compact form factor.

Boost office efficiency with Gigabit speeds to the desktop. Move large bandwidth intensive files faster and increase network backbone server speeds.

The 11" wide metal chassis switch easily fits on a desk and comes with a 19" rack mount kit. Store-and-forward switching, broadcast storm protection, a 32Gbps switching capacity and an 8kbytes MAC Address table provides an optimum network experience. 802.3x Flow Control for full-duplex mode and back pressure Flow Control for half-duplex mode ensures seamless data transmission.

## FEATURES

• Boost office efficiency with this high performance 16-port Gigabit switch

• 16 x 10/100/1000Mbps RJ-45 Auto-MDIX Gigabit ports

• Enjoy 500Kbytes data buffering RAM and non-blocking architecture

• Provides a robust 32Gbps switching capacity

• Supports Jumbo Frame packet transfer (Max size up to 12.2Kbytes)

• Supports up to 8Kbytes MAC address entries

• Includes 802.3x Flow Control, Broadcast Storm protection and Store-and-Forward switching

• Windows, Linux, and Mac operating system ready

• Diagnostic LEDs **and** Plug & Play installation for quick troubleshooting and setup

• Rack mount or desktop ready

• Compact 11" wide, 1U design with rack mount kit included

• 5-Year Warranty

## SPECIFICATIONS

### Hardware

| | |
|---|---|
| **Standards** | • IEEE 802.3 10Base-T, IEEE 802.3u 100Base- TX   • IEEE 802.3ab 1000Base- T |
| **Interface** | • 16 10/100/1000Mbps Auto- MDIX RJ-45 Ports |
| **Network Media** | • Ethernet: UTP/ STP Cat. 3, 4, 5, 5e   • Fast Ethernet: UTP/STP Cat. , 5e, 6   • Gigabit: UTP/ STP Cat 5e, 6 |
| **Switch Fabric** | • 32Gbps Forwarding Capacity |
| **Data Transfer Rate** | • Ethernet: 10Mbps/20Mbps (Half/Full Duplex)   • Fast Ethernet: 100Mbps/200Mbps (Half/Full Duplex)  • Gigabit: 2000Mbps (Full Duplex) |
| **Data RAM Buffering** | • 500KBytes Per Device |
| **MAC Table** | • 8Kbytes or 4096 Entries Per Device |
| **Protocol** | • CSMA / CD |
| **Transmission Method** | • Store- And- Forward |
| **Power** | • 100-240VAC, 50/60Hz, Internal Power Supply |
| **Power Consumption** | • 14 Watts(m) |
| **Diagnostic LED** | • Power, Link/ACT, 10/100Mbps, 1000Mbps |
| **Weight** | • 1.7 Kg. (3.75lb.) |
| **Dimensions (W x H x D)** | • 280 x 180 x 45mm (11 x 7.09 x 1.77 in.) |
| **Temperature** | • Operating: 0° ~ 40° C (32° ~ 104° F)   Storage: -20° ~ 70° C (-4° ~ 158° F) |
| **Humidity** | • Operating: 10%~90% (Non-Condensing)   Storage: 5%~90% (Non-Condensign) |
| **Certification** | • CE, FCC |

## NETWORKING SOLUTIONS

**16-Port Compact Gigabit Switch**
(TEG-S16R)



Laptop with Gigabit PC Card (TEG-PCBUSR)
Workstations with PCI Adapter (TEG-PCITXR)
Server with Gigabit PCI Adapter (TEG-PCITXR)
10/100Mbps Multi-Port Print Server (TE100-P21)
Printers
Internet
300Mbps Wireless N Gigabit Router (TEW-633GR)
Cable /DSL Modem
10/100/1000Mbps
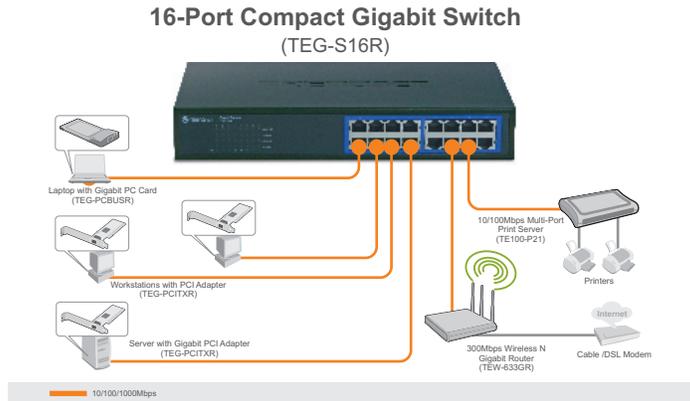
## PACKAGE CONTENTS

• TEG-S16R
• Multi-Language Quick Installation Guide
• Power cord
• Rack mounting kit

## RELATED PRODUCTS

| | |
|---|---|
| **TEW-633GR** | 300Mbps Wireless N Gigabit Router |
| **TEG-240WS** | 24-Port Gigabit Web Smart Switch |
| **TEG-PCITXR** | Gigabit PCI Adapter |
| **TEG-PCBUSR** | Gigabit PC Card |

## ORDERING INFORMATION

**TRENDNET**®

20675 Manhattan Place,Torrance, CA 90501 USA
Tel: 1-310-961-5500
Fax: 1-310-961-5511
Web:   www.trendnet.com
Email: sales@trendnet.com

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