



## **16-Port 10/100Mbps Fast Ethernet Switch TE100-S16Eplus (B1.1R)**

TE100-S16Eplus is an auto-sensing switch, designed specifically to boost network performance by eliminating network congestions and unnecessary network traffic. Each port on the Switch provides dedicated bandwidth and can negotiate between 10Mbps and 100Mbps network speeds. Desktop size design for easy storing and installation.

### **FEATURES**

- 16 10/100Mbps Auto-Negotiation & Auto-MDIX Fast Ethernet RJ-45 ports
- Compliant with IEEE 802.3 and IEEE 802.3u standards
- IEEE 802.3/802.3u Standard Compliant
- Provides 512Kbytes RAM for data buffering
- Provides 8K MAC address entries
- Compliant with Windows, Linux, and Mac operating systems.
- Supports IEEE 802.3x flow control
- Store-and-Forward switching method
- 3.2Gbps switching capacity
- Non-Blocking architecture
- Diagnostic LEDs
- Plug & Play
- 5-Year Warranty

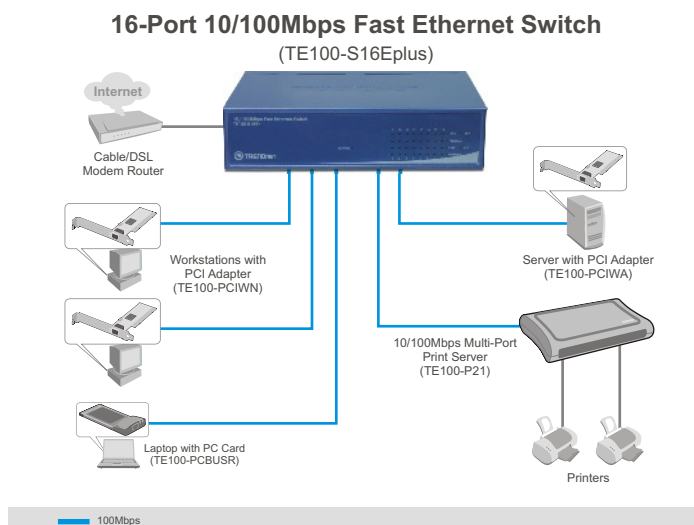
# 16-Port 10/100Mbps Fast Ethernet Switch

## TE100-S16Eplus

### SPECIFICATIONS

| Hardware               |   |
|------------------------|---|
| Standards              | • IEEE 802.3 10Base-T • IEEE 802.3u 100Base-TX  |
| Network Media Ethernet | • UTP Cat. 3,4,5, EIA/TIA-568 100-ohm Shielded Twisted-Pair (STP)<br>• Fast Ethernet: UTP Cat. 5, EIA/TIA-568 100-ohm Shielded Twisted-Pair (STP) |
| Data Rate              | • Ethernet: 10Mbps/20Mbps (Half/Full-Duplex)Fast<br>• Ethernet: 100Mbps/200Mbps (Half/Full-Duplex)  |
| Protocol               | • CSMA/CD   |
| Switch Fabric          | • 3.2Gbps   |
| Topology               | • Star  |
| Interface              | • 16 10/100Mbps Auto-MDIX RJ-45 Ports   |
| Data RAM Buffer        | • 1.25Mbyte per device  |
| Filtering Table        | • 8K entries per device   |
| Power Consumption      | • 6 watts (max)   |
| Diagnostic LED         | • Power, Link/ACT, 100Mbps  |
| Power Adapter          | • 7.5V DC, 1A External Power Adapter  |
| Dimension              | • 184 x 124 x 44mm (7.24 x 4.88 x 1.73in.)  |
| Weight                 | • 780g (27.51oz.)   |
| Temperature            | • Operating Temp: 0° ~ 40° C (32° ~ 104° F); Storage Temp: -10° ~ 70° C (14° ~ 158° F)  |
| Humidity               | • Operating: 10 % ~ 90 % RH; Storage: 5 % ~ 90 % RH   |
| Safety Emissions       | • FCC, CE   |

### NETWORKING SOLUTIONS



### PACKAGE CONTENTS

- TE100-S16Eplus
- Multi-Language Quick Installation Guide.
- Power Adapter (7V DC, 1A)

### RELATED PRODUCTS

|              |  |
|--------------|--|
| TE100-PCIWN  | 32-bit PCI 10/100Mbps N-way Fast Ethernet Card                       |
| TE100-PCIWA  | 32-bit PCI 10/100Mbps N-way Fast Ethernet Card with ACPI Wake-on-LAN |
| TE100-PCBUSR | 10/100Mbps PCMCIA 32-bit CardBus Ethernet Card with XpressPort       |

### ORDERING INFORMATION

#### TRENDNET

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