



16-Port 10/100Mbps Fast Ethernet Switch TE100-S16R

This 16-Port 10/100Mbps switch is a high performance auto-sensing switch that automatically negotiates between 10Base-T and 100Base-TX network speeds. All ports support full/half-duplex mode for maximum network performance. Designed and built to increase network bandwidth, this 16-Port 10/100Mbps switch is the best solution for both corporate and small business network environments.

FEATURES

- 16 10/100Mbps Auto-Negotiation, Auto-MEDIX Fast Ethernet RJ-45 Ports
- Compliant with IEEE 802.3 / IEEE 802.3u Standards
- Provides 2Mbits RAM for Data Buffering
- Supports 8Kbytes MAC Address Entries
- Compliant with Windows, Linux, and Mac Operating Systems
- IEEE 802.3x Flow Control
- Store-and-Forward Switching Method
- Broadcast Storm Protection
- Non-blocking Architecture
- Max 3.2Gbps Switching Capacity
- Diagnostic LEDs
- Plug & Play
- 19" (1U) Rack Mount Design
- 5-Years Warranty

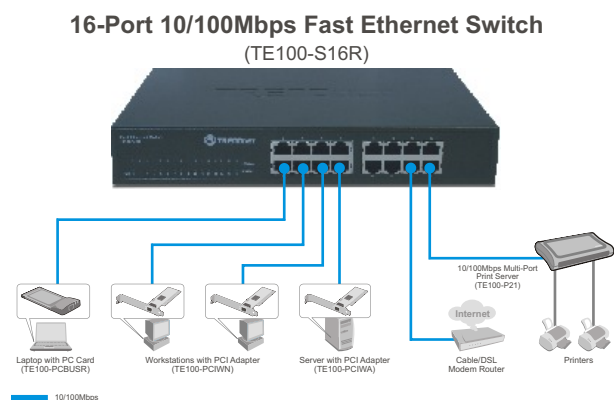
16-Port 10/100Mbps Fast Ethernet Switch

TE100-S16R

SPECIFICATIONS

| Hardware | |
|------------------------|---|
| Standard | <ul style="list-style-type: none"> • IEEE 802.3 10Base-T • IEEE 802.3u 100Base-TX |
| Interface | <ul style="list-style-type: none"> • 16 10/100Mbps Auto-MDIX RJ-45 Ports |
| Network Media | <ul style="list-style-type: none"> • Ethernet: UTP/STP Cat. 3,4,5 • Fast Ethernet: UTP/STP Cat. 5 |
| Switch Fabric | <ul style="list-style-type: none"> • 3.2Gbps Forwarding Capacity |
| Data Transfer Rate | <ul style="list-style-type: none"> • Ethernet: 10/20Mbps (Half/Full Duplex) • Fast Ethernet: 100/200Mbps (Half/Full Duplex) |
| Data RAM Buffering | <ul style="list-style-type: none"> • 2Mbits per device |
| SSRAM | <ul style="list-style-type: none"> • 1.25Mbits |
| MAC Table | <ul style="list-style-type: none"> • 8Mbytes or 4096 Entries per device |
| Protocol | <ul style="list-style-type: none"> • CSMA/CD |
| Transmission | <ul style="list-style-type: none"> • Store-and-Forward |
| Power | <ul style="list-style-type: none"> • 100-240VAC, 50/60Hz, Internal Power Supply |
| Power Consumption | <ul style="list-style-type: none"> • 5.9 Watts (Max) |
| Diagnostic LED | <ul style="list-style-type: none"> • Power, Link/ACT, 100Mbps |
| Weights | <ul style="list-style-type: none"> • 1.54kg (3.4 lb) |
| Dimensions (W x H x D) | <ul style="list-style-type: none"> • 280 x 180 x 45mm (11 x 7.09 x 1.77 in.) |
| Temperature | <ul style="list-style-type: none"> • Operating: 0°C ~ 50°C (32°F ~ 122°F); Storage: -20°C to 70°C (14°F to 158°F) |
| Humidity | <ul style="list-style-type: none"> • Operating: 10 % ~ 90 % (non-condensing); Storage: 5 % ~ 90 % (non-condensing) |
| Certification | <ul style="list-style-type: none"> • CE, FCC |

NETWORKING SOLUTIONS



PACKAGE CONTENTS

- TE100-S16R
- Multi-Language Quick Installation Guide
- Power Cord
- Rack Mount Kit

RELATED PRODUCTS

| | |
|----------------|---|
| TE100-S5 | 5-Port 10/100Mbps Fast Ethernet Switch |
| TE100-S16Eplus | 16-Port 10/100Mbps Fast Ethernet Switch |
| TE100-S88Eplus | 8-Port 10/100Mbps Fast Ethernet Switch |
| TE100-S24R | 24-Port 10/100Mbps Fast Ethernet Switch |

ORDERING INFORMATION

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