



## **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

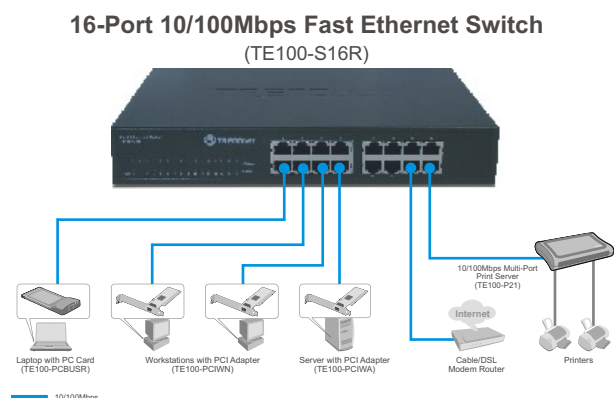
# 16-Port 10/100Mbps Fast Ethernet Switch

## TE100-S16R

### SPECIFICATIONS

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

### 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

**TRENDnet**<sup>®</sup>

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