



## 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 limited warranty

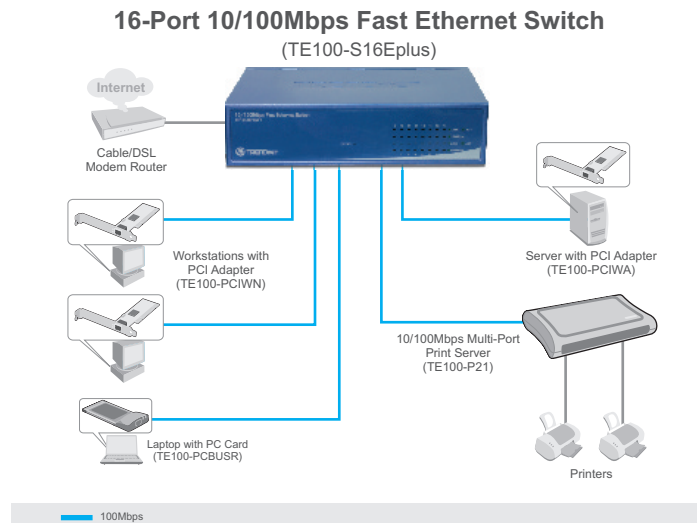
# 16-Port 10/100Mbps Fast Ethernet Switch

## TE100-S16Eplus

### SPECIFICATIONS

Hardware	
Standards	<ul style="list-style-type: none"> <li>• IEEE 802.3 10Base-T</li> <li>• IEEE 802.3u 100Base-TX</li> </ul>
Network Media Ethernet	<ul style="list-style-type: none"> <li>• UTP Cat. 3,4,5, EIA/TIA-568 100-ohm Shielded Twisted-Pair (STP)</li> <li>• Fast Ethernet: UTP Cat. 5, EIA/TIA-568 100-ohm Shielded Twisted-Pair (STP)</li> </ul>
Data Rate	<ul style="list-style-type: none"> <li>• Ethernet: 10Mbps/20Mbps (Half/Full-Duplex)Fast</li> <li>• Ethernet: 100Mbps/200Mbps (Half/Full-Duplex)</li> </ul>
Protocol	<ul style="list-style-type: none"> <li>• CSMA/CD</li> </ul>
Switch Fabric	<ul style="list-style-type: none"> <li>• 3.2Gbps</li> </ul>
Topology	<ul style="list-style-type: none"> <li>• Star</li> </ul>
Interface	<ul style="list-style-type: none"> <li>• 16 10/100Mbps Auto-MDIX RJ-45 Ports</li> </ul>
Data RAM Buffer	<ul style="list-style-type: none"> <li>• 1.25Mbyte per device</li> </ul>
Filtering Table	<ul style="list-style-type: none"> <li>• 8K entries per device</li> </ul>
Power Consumption	<ul style="list-style-type: none"> <li>• 6 watts (max)</li> </ul>
Diagnostic LED	<ul style="list-style-type: none"> <li>• Power, Link/ACT, 100Mbps</li> </ul>
Power Adapter	<ul style="list-style-type: none"> <li>• 7.5V DC, 1A External Power Adapter</li> </ul>
Dimension	<ul style="list-style-type: none"> <li>• 184 x 124 x 44mm (7.24 x 4.88 x 1.73in.)</li> </ul>
Weight	<ul style="list-style-type: none"> <li>• 780g (27.51oz.)</li> </ul>
Temperature	<ul style="list-style-type: none"> <li>• Operating Temp: 0° ~ 40° C (32° ~ 104° F); Storage Temp: -10° ~ 70° C (14° ~ 158° F)</li> </ul>
Humidity	<ul style="list-style-type: none"> <li>• Operating: 10 % ~ 90 % RH; Storage: 5 % ~ 90 % RH</li> </ul>
Safety Emissions	<ul style="list-style-type: none"> <li>• FCC, CE</li> </ul>

### 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**<sup>®</sup>

20675 Manhattan Place, Torrance, CA 90501 USA

Tel: 1-310-961-5500

Fax: 1-310-961-5511

Web: [www.trendnet.com](http://www.trendnet.com)

Email: [sales@trendnet.com](mailto:sales@trendnet.com)

To Order Please Call:

**1-888-326-6061**

