



TE100-S16Eplus (c1) 16-Port 10/100Mbps Fast Ethernet Switch

TRENDnet's TE100-S16Eplus is an auto-sensing switch that designed specifically to boost network performance by eliminating network congestions and unnecessary network traffics. 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

- Compliant with IEEE 802.3 10Base-T, IEEE 802.3u 100Base-TX
- 16 x 10/100Mbps Auto Negotiation and Auto-MIDX ports
- Supports Store and Forward Switching architecture with non-blocking full wire-speed performance
- Full/Half Duplex Transfer Mode for Each Port
- Wire-Speed Filtering/Forwarding Rates
- IEEE 802.3x Flow Control for Full-Duplex Mode
- Backpressure Flow Control for Half-Duplex Mode
- Integrate Address Look-Up Engine, Supports up to 8K Absolute MAC Address
- 512kbytes Internal RAM for Frame Buffering
- Extensive Front-Panel Diagnostic LEDs
- Plug and Play Design
- 5-Year Warranty

BENEFITS

Integration Friendly:

Easily upgrade to Fast Ethernet without changing switch

Economical:

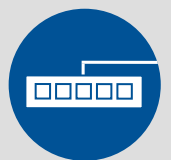
Provides 10/100Mbps of Fast Ethernet in the same unit

Flexible:

The Auto-MDIX ports automatically negotiate between 10Base-T and 100Base-Tx network speeds between half/full modes

Performance:

Supports store and forward switching architecture with non-blocking full wire-speed performance



10/100 Mbps
SWITCH

TE100-S16Eplus (c1)

16-Port 10/100Mbps Fast Ethernet Switch

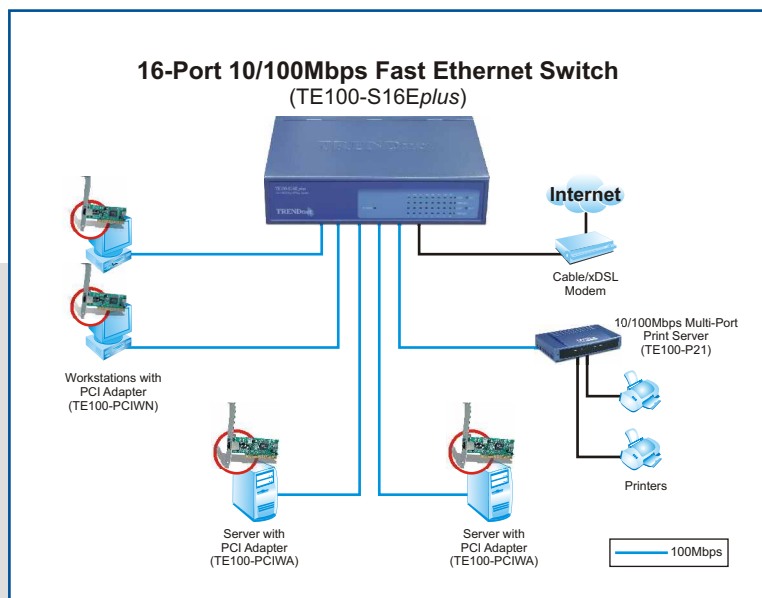
SPECIFICATIONS

Hardware

Standards	• IEEE 802.3 10Base-T • IEEE 802.3u 100Base-TX • ANSI/IEEE 802.3 Auto-Negotiation
Protocol	• CSMA/CD
Connectors	• 16 10/100Mbps Auto-MDIX RJ45 Ports
Cabling	• Cat. 3,4,5 UTP/STP for 10Base-T • Cat. 5 UTP/STP for 100Base-TX
Data Transfer Rate	• 10Mbps: 10/20Mbps (Half/Full Duplex) • 100Mbps: 100/200Mbps (Half/Full Duplex)
Diagnostic LEDs	• Power, 10 Link/Act, 100Link/Act, FDX, COL
Power	• 7.5V DC, 1A External Power Adapter
Power Consumption	• 25 watts max.
Dimensions (L X W X H)	• 184 x 124x 44mm (7.2" x 4.9" x 1.7")
Weight	• 848 g (1.87 lb)
Temperature	• Operating: 0°C ~ 40°C (32°F ~ 104°F) • Storage: -10°C to 70°C (14°F to 158°F)
Humidity	• Operating: 10 % ~ 90 % (non-condensing) • Storage: 5 % ~ 90 % (non-condensing)
Certifications	• FCC, CE



NETWORKING SOLUTIONS



PACKAGE CONTENTS

- TE100-S16Eplus
- Multi-Language User's Guide
- Power Adapter (7.5V DC, 1A)

RELATED PRODUCTS

- | | |
|-----------------------|---|
| TE100-S55Eplus | • 5-port 10/100Mbps Auto-MDIX Fast Ethernet Mini Switch |
| TE100-S88Eplus | • 8-port 10/100Mbps Auto-MDIX Fast Ethernet Mini Switch |
| TE100-S16 | • 16-port 10/100Mbps NWay Switch (Rack Mount) |

ORDERING INFORMATION

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