16-port 10/100Mbps NWay Switch (Rack Mount)
TE100-S16

TRENDnet's TE100-S16 is a high performance auto-sensing NWay switch that automatically negotiates between 10Base-T and 100Base-TX network speeds. All ports support half- and full-duplex that allows maximum network performance. It is designed to eliminate unnecessary traffic and relieve congestion on critical network paths. Designed and built to increase network bandwidth, TRENDnet's TE100-S16 is the best solution for both corporate and small business network environments.

FEATURES

• Compliant with IEEE 802.3 10Base-T, IEEE 802.3µ 100Base-TX

• Support 16 UTP/STP RJ-45 10/100Mbps NWay auto-sensing ports

• Auto-MDIX on each port

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

• Half- and full-duplex operation for each port

• Supports aging function and 802.3x flow control for full-duplex mode and back pressure flow control for half-duplex mode operation

• Auto-learning of network configuration

• Built-in 8K entries per device for Filtering Address Table

• 512KB per device RAM buffer

• Plug and Play

• EIA-19 Rack Mountable

• 5-Year warranty

BENEFITS

Easy Upgrade:
Ethernet workgroups are able to upgrade to Fast Ethernet by changing adapters and hubs without changing switches.

Flexibility:
All ports automatically negotiate 10/100Mbps network speed. All ports are Auto-MDIX; connection can be made with either a straight through or a crossover cable.

Cost Effectiveness:
Provide 10/100Mbps of Fast Ethernet at an affordable rate.

Performance:
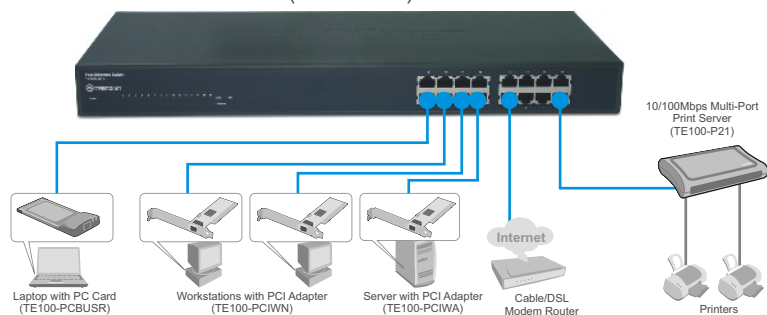Top performance at an affordable price.

SPECIFICATIONS

Hardware	
Standards	• IEEE 802.3 10Base-T, IEEE 802.3u 100Base-TX, ANSI/IEEE 802.3 NWay auto-negotiation
Connectors	• 16 10/100Mbps shielded RJ45 Auto-MDIX ports
Network Cables	• Ethernet: Cat. 3,4,5, UTP/STP, EIA.ITA-568 100 Ohm • Fast Ethernet: Cat. 5, UTP/STP, EIA/TIA-568 100 Ohm
Cable Length	• 100 meters maximum
Protocols	• CSMA/CD
Data Transfer Rate	• Ethernet: 10Mbps (Half-Duplex), 20Mbps (Full-Duplex) • Fast Ethernet: 100Mbps (Half-Duplex), 200Mbps (Full-Duplex)
Data RAM Buffers	• 512KB per device
Filtering Address Table	• 8K entries per device
Internal Power Adapter	• 100 ~ 240 VAC, 6 watts max
Diagnostic LEDs	• Power, Link/Activity, 100Mbps
Weight	• approximately 2.0 Kg (4.4 lb.)
Dimensions	• 440 x 140 x 44 mm (17.3 x 5.51 x 1.73 inches) (W x H x D)
Temperature	• Operating: 0°~ 40°C (32°~ 104°F) • Storage: -10°~ 70°C (14°~ 158°F)
Humidity	• Operating:10% ~ 90% RH • Storage: 5% ~ 90% RH
Certifications	• FCC Class A, CE Mark A, VCCI-A

NETWORKING SOLUTIONS

16-Port 10/100Mbps Fast Ethernet Switch
(TE100-S16)

10/100Mbps Multi-Port Print Server (TE100-P21)

Laptop with PC Card (TE100-PCBUSR)

Workstations with PCI Adapter (TE100-PCIWN)

Server with PCI Adapter (TE100-PCIWA)

Internet

Cable/DSL Modem Router

Printers

RELATED PRODUCTS

TE100-S16	16-port 10/100Mbps NWay Switch (Rack Mount)
TE100-S24	24-Port 10/100Mbps NWay Fast Ethernet Switch
TE100-S16V	16-port 10/100Mbps Smart Switch
TE100-S24V	24-port 10/100Mbps Smart Switch
TE100-SFXM	SC-Type Slide-in Fiber module for TE100-S32+/SxxV

ORDERING INFORMATION

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