TE100-S32plus
32-port 10/100Mbps NWay Switch (Rack Mount)

TRENDnet's TE100-S32plus is a high performance, auto-sensing 32-port NWay rack-mountable Fast Ethernet Switch. It is designed to eliminate unnecessary traffic and relieve congestion on critical network paths. With 10/100Mbps NWay technology, the TE100-S32plus automatically negotiates between 10Base-T and 100Base-TX network speeds, as well as half and full duplex modes. The TE100-S32plus also has a module bay for optional multimode SC type fiber module that allows connection to another fiber device up to 2Km away (in full-duplex mode). The auto MDI-II/MDI-X detection on each port automatically detects and corrects for crossover connection and allows direct switch-to-switch or switch-to-hub connection for your networking needs.

FEATURES

- 32 10/100Mbps NWay Auto-MDI Ethernet Ports

- 1 module bay for optional 100Base-FX SC type connector Fiber Module

- Full/Half duplex transfer mode for each port

- Store and Forward switching method

- Integrated address Look-Up Engine, supports 4k absolute MAC Address

- Supports 1M Bytes RAM for data buffering

- Extensive Front Panel Diagnostic LEDs

- Broadcast Storm protection

- IEEE 802.3x flow control for full-duplex

- Back Pressure flow control for half-duplex

- Standard 19" rack-mount design

- 5 Year Warranty

BENEFITS

Performance:
Top performance at an affordable price.

Expandability:
Current 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, half/full-duplex mode, and MDI-II/MDI-X connector type.

Expandability:
Optional 100Base-FX multimode SC type module links to other fiber device up to 2Km in full-duplex mode.

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

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SPECIFICATIONS

LAN Standards:
- IEEE 802.3 10Base-T and IEEE 802.3u 100Base-TX ANS/IEEE 802.3 NWay auto-negotiation

Network Cables:
- Ethernet: CAT 3, 4, 5 UTP/STP
- Fast Ethernet: CAT 5 UTP/STP for 100Base-TX
- Fiber Module: 62.5/125mm multimode fiber-optic with SC type connector (412 m in half-duplex mode, 2 Km in full-duplex mode)

Protocol:
- CSMA/CD

Topology:
- Star

Data Transfer Rates:
- Ethernet: 10Mbps Half Duplex, 20Mbps Full Duplex
- Fast Ethernet: 100Mbps Half Duplex, 200Mbps Full Duplex

Data RAM Buffers:
- 1 M Byte per device

Filtering Address Table:
- 4K entries per device

Diagnostic LEDs:
- Power, 10/100Mbps Link/Activity, Collision/Full Duplex, FX

Power:
- 100~240VAC 50/60Hz, internal Universal Switching Power

Power Consumption:
- 40 Watts. Max

Dimensions:
- 440 x 200 x 44 mm (17.3 x 7.9x 1.73 inch) (W x H x D)

Weight:
- 3Kg (6.6 lb)

Temperature:
- Operating: 0° ~ 50° C (32° ~ 122°F).
- Storage: -10° ~ 70° C (14° ~ 158°F)

Humidity:
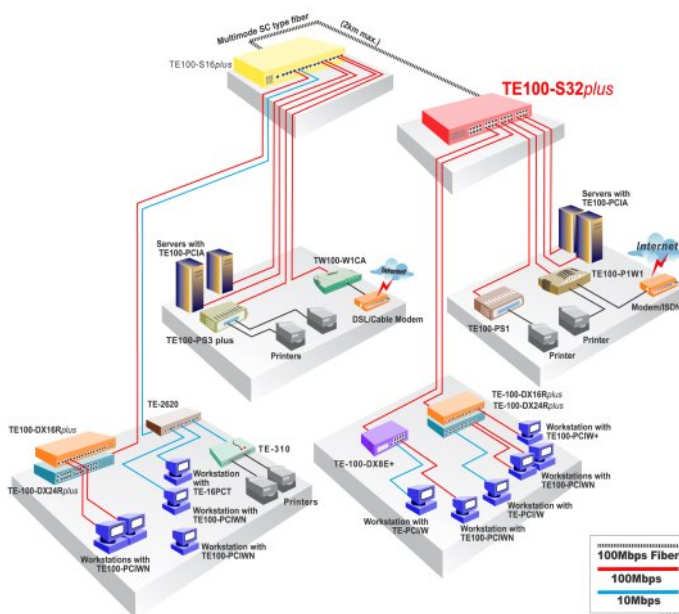- 10% ~ 90% (no-condensing)

Emission:
- FCC Class A, CE Mark A, VCCI-A

ISO9001   FC   CE   VCI

NETWORKING SOLUTIONS

PRODUCT INFORMATION

⋯⋙ **TE100-S16plus:** 16-Port 10/100Mbps NWay Fast Ethernet Switch

⋯⋙ **TE100-S24plus:** 24-Port 10/100Mbps NWay Fast Ethernet Switch

⋯⋙ **TE100-S32plus:** 32-Port 10/100Mbps NWay Fast Ethernet Switch

⋯⋙ **TE100-SFXM:** Multimode SC-Type Fiber Slide-in Module for TE100-S1616/S2424 and TE100-S16/S16plus/S24plus

ORDERING INFORMATION

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