

Product No. NWTE24

Product Descriptions



Tenda TEG1024D 24Port Gigabit Ethernet Switch

TEG1024D, Tenda 24-Port Gigabit Rack mount Switch, adopts the most advanced Broadcom Strata Connect-series chip of high integrity, has 24 10/100/1000M Ethernet ports and is compatible with IEEE 802.3az standard. Special high reliability design supports for protecting the power adapter and ports from inductive lightning up to 6KV voltage; all provides an economical solution for network accessing layer with small-middle sized enterprise, schools and hotels, etc.

Product Details

Although care has been taken to ensure the accuracy of the information provided in this Product Specification, CTR is in no way liable for any errors, omissions or changes in specifications.

Features

Advanced Chip Design

With the most progressive Broadcom Strata Connect-series integrated Silicon chip based on ARM-high performance, Tenda New 24-Port Unmanaged Gigabit Switch can be extended according to applications, and achieve high efficiency of advanced Gigabit applications.

Inductive Lightning Protection

Integrating professional circuits, Tenda New 24-Port Unmanaged Gigabit Switch can protect the power supply and ports from inductive lightning (6KV in Common Mode Protection).

Excellent Heat Dissipation

Equipped with radiators on its front & back panel, and high quality components, Tenda New 24-Port Unmanaged Gigabit Switch can maintain high reliability even between extreme temperatures.

Quiet and Energy-Saving

With its advanced energy-saving design, such as outburst and batch control strategy, and LED brightness control, Tenda New 24-Port Unmanaged Gigabit Switch reduces power consumption, which has exceeded the EEE setting value.

- ❖ Compatible with IEEE 802.3 10Base-T, IEEE 802.3u 100Base-TX, IEEE802.3x and IEEE802.3ab 1000Base-T standards.
- ❖ Allows and assures packets to be forwarded by all ports at full wire speed.
- ❖ 24 10/100M/1000M auto-negotiated RJ45 ports.
- ❖ Support MDI/MDIX auto-negotiation.
- ❖ Support storage and forwarding.
- ❖ With inductive lightning protection towards the power adapter and ports, and enterprise-level design of 1U (thickness)-steel casing and 19-inch rack; with the help of hangers, it can be installed on the standard rack.
- ❖ Support 6000V lightning protection for power supply
- ❖ Support 4000V lightning protection for RJ45 port
- ❖ Support loop detection and prevention
- ❖ Support standard 19-inch rack-mountable
- ❖ Support Plug and Play without any configuration

Specifications

Port	24 10/100/1000Base-T MDI/MDIX Ports
Throughput	35.7Mpps
Backbound Bandwidth	48Gbps / non-blocking
Power Consumption	21 watts
Power Requirements	100-240V AC, 50/60Hz
Switch Processing Scheme	Store-and-Forward
Address Table	8K entries
Jumbo packet size	9K
Flow Control	Back pressure for half duplex, IEEE 802.3x pause of frame for full duplex
Dimension	294 x 178.8 x 44 mm (W x D x H), 1U height
Weight	2kg
Standard & Protocol	IEEE 802.3 (Ethernet) IEEE 802.3u (Fast Ethernet) IEEE 802.3ab (Gigabit Ethernet) IEEE 802.3x (Full-Duplex Flow Control)
Temperature	Operating: 0~50 degrees C Storage: -10~70 degrees C
Humidity	Operating: 5~95% Storage: 5~95% (Non-condensing)

Head Office Location



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