16/24-Port Gigabit Switch

MODELS: TXE018/ TXE168 Datasheet

Overview

The TXE018/TXE168 Gigabit Ethernet Switch represents a high-performance, low-cost, simple, seamless, and standardized upgrade that allows you to transform your existing network and achieve 1000Mbps speeds. All 16/24 ports support auto MDI/MDIX, so there is no need to worry about cable types. Simply plug and play. With the innovative energy-efficient technology, the TXE018/TXE168 can reduce power consumption and the vast majority of its packaging material can be recycled, making it an eco-friendly solution for your business network.

Enhanced Performance

All 16/24 ports are Gigabit RJ-45 ports, allowing them to support large file transfers and makes them compatible with 10Mbps and 100Mbps Ethernet devices. Since both switches feature a non-blocking switching architecture, the TXE018 and TXE168 forward and filter packets at full wire-speed, achieving maximum throughput. 10KB Jumbo frame significantly improves performance during large file transfers. IEEE 802.3x flow control supports Full Duplex mode and backpressure for Half Duplex mode alleviates traffic congestion to make the TXE018/TXE168 more reliable. This makes the TXE018/TXE168 a perfect choice for upgrading your network to Gigabit speed while protecting your previous investment.

Easy of Use

The automated features of this gigabit switch make installation hassle-free. No configuration is required. Auto MDI/MDIX eliminates the need for crossover cables. Auto -negotiation on each port senses the link speed of network devices (10,100, or 1000 Mbps) and intelligently adjusts for compatibility and optimal performance.

Specifications

Features &Performance

		TXE018	TXE168
Model		TXE018	TXE168
Exterior			
Hardware Features	Standards and Protocols	IEEE 802i, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3x, IEEE 802.1p	
	Interface	16 10/100/1000Mbps RJ45 Ports, Auto Negotiation/Auto MDI/MDIX	24 10/100/1000Mbps RJ45 Ports, Auto Negotiation/AutoMDI/MDIX
	Forwarding Mode	Store-and-Forward	
	Network Media	10BASE-T: UTP category 3, 4, 5 cable (maximum 100m) 100BASE-TX/1000BASE-T: UTP category 5, 5e or above cable (maximum 100m)	
	Power Supply	AC Power: 100-240VAC, 50/60Hz	
	Features	Port Isolation / Flow Control	
	LED	Power, 1000Mbps, Link/Act	
	Fanless Size	Yes	
	Size	270 x 181 x 44MM	440 x 220 x 45 MM
	Shell Material	Iron Shell	Iron Shell
Performance	Switching Capacity	32Gbps	48Gbps
	Packet Forwarding Rate	23.8Mpps	35.7Mpps
	MAC Address Table	8K	
	Jumbo Frame	10KB	
	Maximum Power Consumption (220V/50Hz)	9.26W	12.05W
Certifications		CE, FCC, RoHS	
Environment	Operating Temperature	0°C~40°C(32°F~104°F)	
	Storage Temperature	-40°C~70°C(-40°F~158°F)	
	Operating Humidity	10%~90%RH non- condensing	
	Storage Humidity	5%~90%RH non- condensing	
Ordering Information		16-Port Gigabit switch	24-Port Gigabit switch