

## FXG-16TXJ Layer 2 Dump 16-port 1000BASE-T Gigabit switch



### ▶ Feature

The FXG-16TXJ has high performance 1000Mbps Gigabit 16port switch. This Switch can offer using need to quickly transfer large bandwidth ,Its wire-speed switching eliminates bottlenecks that build up on heavy traffic servers and backbone connections, offering a truly comfortable and speedy networking environment. The product also supports high-speed broadband ,This Switch (FXG-16TXJ) must be your best choice.

#### ■ Provides Gigabit connectivity on all ports

All of the 16 ports on the product fully support 1000Mbps connectivity. In a business environment that requires advanced information processing capability, the FXG-16TXJ serves as an ideal switch solution for network backbones that handle large volumes of data and multimedia data.

#### ■ All ports support Auto MDI/MDI-X

All ports support Auto MDI/MDIX, a built-in function that automatically recognizes the type ( straight/crossover) of the attached cable. This feature effectively removes all wiring troubles caused by a cable type mismatch.

#### ■ Higher Network Efficiency Achieved via Flow Control

supports Flow Control (Full Duplex: IEEE802.3x, Half Duplex: Back Pressure), which prevents packet losses caused by mismatches between the sending and the receiving speeds (bandwidth). The switch utilizes this technology to allow the establishment of a highly efficient and reliable networking environment.

#### ■ Store and Forward Blocks Error Packets

The product utilizes Store-and-Forward technology, which blocks erroneous packet frames within the switch itself. Received data frames are first stored in the buffer memory and checked with Frame Check Sequence (FCS) for errors. Only error-free packets are forwarded and enter the network.

#### ■ Supports Autonegotiation

The built-in Auto-Negotiation function automatically detects the best data transfer rate and transfer mode (Full/Half Duplex) for the communication between the switch and the target device.

#### ■ Virtual Cable Tester function

Virtual Cable Tester (VCT) enabled by press buttons and results displayed by LED's. It can only be activated when there is no link on the port or the link partner is in auto-negotiation. You can use VCT buttons for VCT Start ( Execute and Exit VCT ), And use SEL buttons ( Select port for VCT ).

#### ■ QoS function guaranteeing communication quality

Control of communication quality is possible with IEEE802.1p conformant QoS function(up to 4 levels).Traffic prioritization

guarantees communication bandwidth for network applications like groupware databases, thus increasing their availability.

**■1U size compact chassis, 19-inch rack-mount kit included**

The compact size of the FXG-16TXJ (44mm high) lets you easily mount it on a 19-inch rack-mount included in the package.

**► Specification**

Model Number	FXG-16TXJ	
Access Method	10/100/1000Mbps(CSMA/CD)	
Supported standards	IEEE802.3	10Base-T
	IEEE802.3u	100Base-TX
	IEEE802.3ab	1000Base-T
	IEEE802.3x	Flow Control
	IEEE802.1p	QoS
Supported Media	UTP/STP Cable 10Mbps :Category 3 or greater 100Mbps :Category 5 or greater 1000Mbps :Enhanced Category 5 or greater	
Port Configuration	10/100/1000BASE-T(RJ-45)x 16 ports *all ports support Auto MDI/MDI-X	
MAC Address	4,000 entries	
Data Transfer mode	Store and forward	
Filtering/Forwarding Rate	10M:14,881pps	
	100M:148,810pps	
	1000M:1,488,100pps	
Flow Control	Full Duplex: IEEE802.3X, Half Duplex: Back Pressure	
Buffer Memory	2Mb	
Internal Bus Speed	32Gbps	
Jumbo Frames	9K Bytes	
QoS	IEEE802.1p(4 levels)	
VCT (Virtual Cable Tester)	Supported	
Power Supply	Internal(power cable included) AC100-240V 50/60Hz	
Power Consumption	50W Max	
Operating Temperature	0-40°C	
Operating Humidity	5%~95%(non- condensing)	
Storage temperature	-25~70°C	
Dimension	440(W)×44(H)×200(L) mm	
Weight	2.3kg	

<b>19 inch rack-mounting</b>	Supported
<b>EMI</b>	FCC Class A. CE Class A. VCCI Class A
<b>Warranty period</b>	1year
<b>Package Contents</b>	FXG-16TXJ, Power cord , User's Manual ,19" rack-mount metal fittings with screws, rubber footpads,

▶ **Product View**

