

FXG-24TXJ Layer 2 Dump 24-port 1000BASE-T Gigabit switch



▶ Feature

The FXG-24TXJ has high performance 1000Mbps 24port Gigabit 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 , Its one on-board MiniGBIC (1000BASE-TX or SFP) combo ports , The SFP MiniGBIC Slot support 1000BASE-SX/LX (separate option modules required).This Switch (FXG-24TXJ) must be your best choice.

■ Provides Gigabit connectivity on all ports

All of the 24 ports on the product fully support 1000Mbps connectivity. In a business environment that requires advanced information processing capability, the FXG-24TXJ 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.

■ On-board combo ports support Mini GBIC

One port of the twenty-four on-board 1000BASE-T ports serve as combo port for SFP MiniGBIC slot. The combo port consists of a 1000BASE-T(RJ-45) port and a SFP MiniGBIC slot. When used with an option GBIC module (sold separately), the switch allows its user to implement an optic fiber-based gigabit communication environment.

■ 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. Recived 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).

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

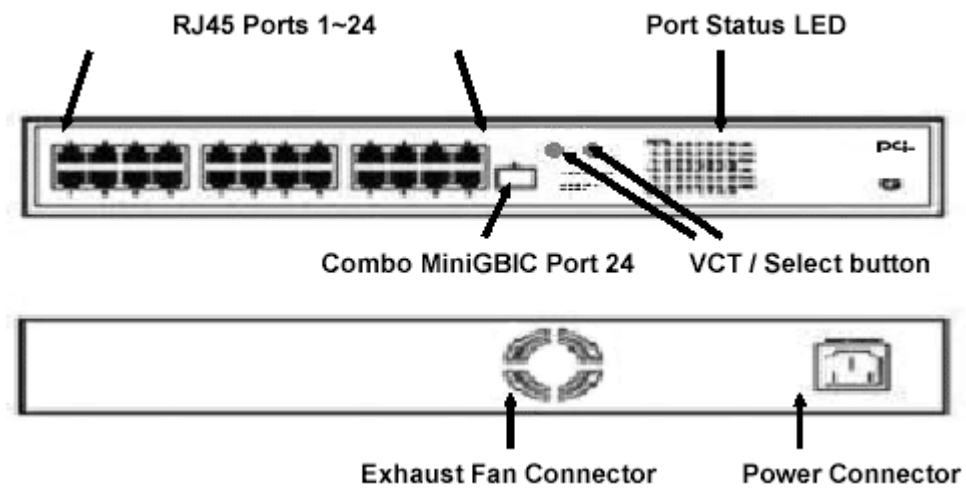
The compact size of the FXG-24TXJ (44mm high) lets you easily mount it on a 19-inch rack-mount included in the package.

Specification

Model Number	FXG-24TXJ	
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 24 ports Combo-port(1000BASE-T/MiniGBIC slots)x1 *Combo-port is 1000BASE-T/MiniGBIC slot. only one slot is usable at time *all ports support Auto MDI/MDI-X	
MAC Address	4,000 enteries	
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	
Filtering/Forwarding Rate	Wire Speed	
Buffer Memory	2Mb	
Internal Bus Speed	48Gbps	
Jumbo Frames	9K Bytes	
VCT (Virtual Cable	Supported	

Tester)	
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	442(W)×44(H)×200(L) mm
Weight	2.3kg
19 inch rack-mounting	Supported
EMI	FCC Class A , CE Class A , VCCI Class A
Warranty period	1year
Package Contents	FXG-24TXJ, Power cord , User's Manual ,19" rack-mount metal fittings with screws, rubber footpads.

▶ Product View



▶ Option Module



Mode : MGBIC-SX-P

1000BASE-SX(LC Connector)

Mini GBIC Module



MGBIC-LX-P

1000BASE-LX(LC Connector)

Mini GBIC Module