

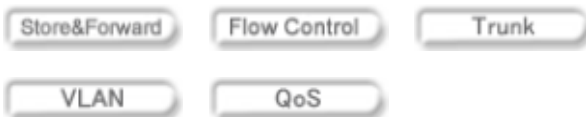


## 16Ports 10M/100M Gigabit Switch **FX-0216NW**

Scheduled for release in middle of November

## 24Ports 10M/100M Gigabit Switch **FX-0224NW**

Scheduled for release in middle of November



### ▶ Feature

The FX-0216NW and FX-0224NW come equipped with 16/24 10BASE/100BASE-TX ports as well as an expansion slot for Gigabit connectivity. The RJ-45 ports and Gigabit expansion slot enable flexible port configuration that best matches your own networking environment. Furthermore, its near-wire speed switching effectively removes bottlenecks at servers and backbone connections, allowing the construction of a truly cost-effective, comfortable networking environment.

#### ■ Provides one Gigabit expansion slot

Both FX-0216NW and FX-0224NW are equipped with one Gigabit expansion slot. Option modules available for the slot include 1000BASE-T module and 1000BASE-SX model, and the user can freely select one of these modules that is most appropriate for the actual network communication environment.

\* Option modules for FX-0216NW/FX-0224NW

1000BASE-T port x 2: FX-2TE

1000BASE-SX(SC Connector) x 2: :FX-2SXC

#### ■ Port-based VLAN and QoS enable flexible network configuration

Networked computers can be grouped into separate "VLAN groups" via the switches' IEEE802.1Q Tagging VLAN feature that supports up to 18 (FX-0216NW)/26(FX-0224NW) such VLANs. This feature allows the construction of logical network segments that do not depend on physical network configuration. The switches are also capable of controlling the quality of communication via its IEEE802.1p-compliant QoS function (2 levels max. for both models). By prioritizing network traffic, the switches reserve bandwidth to enhance the availability of network applications including groupware and databases.

#### ■ Port Trunking secures a broadband link between two switches

The switches' Trunk feature combines multiple physical ports (links) to form one logical link, achieving up to 800Mbps of broadband transmission (full duplex, 2-to-4 port trunking) between two switches. Both FX-0216NW and FX-0224NW support up to seven Trunk groups.

**■ Store-and-Forward blocks error packets**

The products utilize Store-and-Forward data forwarding technology. It prevents the generation of unwanted traffic by blocking error packets within FX-0216NW/0224NW.

**■ Higher communication efficiency achieved via Flow Control**

The switches support 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 product utilizes this technology to achieve a highly efficient and reliable networking environment.

► Specification

Product Model Number	FX-0216NW	FX-0224NW
Access Methods	CSMA/CD 10/100/1000Mbps	
Standards Conformance	IEEE802.3ab 1000BASE-T IEEE802.3u 100BASE-TX IEEE802.3 10BASE-T IEEE802.3z 1000BASE-SX	
Data Transfer Speed	1000Mbps (requires an option Gigabit module)/100Mbps/10Mbps(full /half duplex) : automatically detected via Auto-Negotiation	
Supported Media	UTP/STP Cables 10Mbps : Category 3 or greater 100Mbps : Category 5 or greater 1000Mbps : Enhanced Category 5, Category 6	
Number of Ports	10/100BASE-TX x 16 ports	10/100BASE-TX x 24 ports
Expansion Slot	Gigabit expansion slot x 1	
Flow Control	Full duplex: IEEE802.3x / half duplex: back pressure	
Internal Bus Speed	8.8Gbps	
Buffer Memory	4Mbyte	
MAC Addresses	Supports up to 8,000 entries	
Network Bridging	Filtering, Forwarding, Address Learning	
Filtering/Forwarding	148,800pps max.	

<b>Speed</b>		
<b>Data Forwarding Mode</b>	Store-and-Forward	
<b>Trunk</b>	Maximum Trunk configuration: 4-port Trunk Max.Speed: 800Mbps, supports up to 7 Trunk groups	
<b>VLAN</b>	Port-based VLAN (18 groups max.)	Port-based VLAN (26 groups max.)
<b>QoS</b>	IEEE802.1p(2 levels max.)	
<b>Console Port</b>	RS232C D-sub 9pin Serial Port	
<b>Power Supply</b>	Internal power supply (power input: AC100 to 240V, 50/60Hz)	
<b>Power Consumption</b>	20W max.	24W max.
<b>Operating Temperature</b>	0 to 40 degrees Celsius	
<b>Operating Humidity</b>	35 to 85%	
<b>Dimensions</b>	441(W) x 44(H) x 207(D)mm	
<b>Weight</b>	2.7kg	2.6kg
<b>EMI</b>	FCC Class A, VCCI Class A, CE	
<b>Package Contents</b>	FX-0216NW or FX-0224NW, power cord, user's manual, rubber footpad x 4, RS-232C Streat cable(D-SUB 9pin),Rack-mount metal fittings x2,Screws	

