



GX-0216

Gigabit Intelligent Switch (Module Type) GX-0216/0224/0232



Feature

■ The products are equipped with 16/24/32 10/100BASE-TX Auto-Negotiation ports.

The GX-0216/GX-0224/GX-0232 are equipped with 16/24/32 10BASE-T<->100BASE-TX Auto-Negotiation Ports, respectively. You can select a model that best matches the number of ports required at your office or school.

■ Expansion Slots Allow Scalable Networking

All the three models are equipped with two expansion slots. A variety of plug-in modules for these slots are available to meet your various upgrade needs.

-Supports up to 32 Ports

Using optional plug-in modules for the expansion slots, you can have up to 32 10/100BASE-TX auto-negotiation ports. The GX series switches flexibly keep up with changing port demand even after you purchase the product(s). (*)

- Supports Gigabit and Fiber-Optic

Option module lineup (for the expansion slots) includes 1000BASE-SX module (SC connector), 100BASE-FX module (SC connector) and 100BASE-FX module (ST connector). By either adding a new module to an open slot or replacing an existing board with one of the three modules above, you can setup a switch that supports future upgrade to Gigabit or fiber-optic networking environment.

■ Flexible Network Configuration

With traditional Switch, changing an existing network layout requires physical relocation of switches and/or purchase of additional networking devices. On the other hand, the VLAN feature of the GX-0216/GX-0224/GX-0232 allows the administrator to easily change the current network layout and ensure network security - all without moving the networking devices from their current physical locations. Furthermore, the switches support IEEE 802.1Q VLAN standard which enables creation of VLAN groups spanning multiple switches. Thanks to this feature, the Gigabit switches maintain high compatibility with VLAN devices from other vendors.

■ Low-Cost, High-Speed Backbone

By implementing PCI's 4-Port Fast Ethernet Card FXP-4AT to a server, you can utilize a lofty 800Mbps (full-duplex) of bandwidth between the server and the GX-0216/GX-0224/GX-0232.

■ **Implements Policies**

Unlike ordinary switches where all applications equally share the same limited bandwidth, the GX-0216/GX-0224/GX-0232 allow the user to define a priority to each type of application traffic (complies with IEEE802.1p). By setting higher priorities to applications such as updating important databases and streaming video traffic, you can utilize the bandwidth more efficiently.

■ **Easy to Manage**

Since all the three models support both SNMP and RMON, the switches can monitor network status in real time. Even more, an ordinary Web browser can be used to both monitor and change various settings via network- since it's no longer necessary to physically visit each installation site, this feature can greatly lighten the workload for the administrator.

■ **Option module for expansion slot**

Product Model Number: GX-1SX 1000BASE-SX (SC) 1-Port Module

Product Model Number: GX-4FXC 100BASE-FX (SC) 4-Port Module

Product Model Number: GX-8TX 10/100BASE-TX 8-Port Module

MII Port Option Module

Product Model Number: GX-1FXC 100BASE-FX (SC) 1-Port Module

Product Model Number: GX-1FXT 100BASE-SX (ST) 1-Port Module

Specifications

Product Model		GX-0232	GX-0224	GX-0216
Port	100BASE-TX/10BASE-T	32	24	16
	MII Port	1		
	Optional MII Transceiver	GX-1FXT 1-Port 100BASE-FX(ST) GX-1FXC 1-Port 100BASE-FX(SC)		
Expansion Slot	Expansion Slot (Available Slot)	2(0)	1(1)	2(2)
	Option Modules	GX-1SX 1-Port 1000BASE-SX(SC) GX-4FXC 4-Port 100BASE-FX(SC) GX-8TX 8-Port 10/100BASE-TX		
Backplane Capacity		8Gbps		
Packet Buffer		16MB	12MB	8MB
MAC Addresses		12000		
Switching Mode		Store & Forward		

Filtering/ Forwarding Rate	1,488,100pps(1000Mbps), 14,880pps(10Mbps)	148,810pps(100Mbps)
Latency	9.17us	
Flow Control	Full Duplex: IEEE802.3x / Half Duplex: Back Pressure	
VLAN	16 groups (port-based),IEEE802.1Q VLAN	
Spanning Tree	IEEE802.1d	
Multicast	IGMP Snooping(scheduled to support soon)	
QoS	IEEE802.1p(level 2)	
SNMP	MIB / MIB II / bridge MIB / private MIBs	
RMON	Statistics/History/Alarm/Event	
Port Mirroring	Supported	
WWW Browser Config	Supported	
Console Port	RS-232C D-sub 9pin	
Operating Voltages	100 x 240V AC	
Operating Frequencies	50 x 60Hz	
Power Consumption	36W	
Physical Specifications	Weight	8.0kg 7.8kg 7.6kg
	Dimensions	440(W) x 64.8(H) x 253(D)mm
Operating Environment	Operating Temperatures	0-40 degrees Celsius
	Operating Humidities	10-90%(non-condensing)

* The number of available slots for GX-0216/GX-0224/GX-0232 are 2/1/0, respectively. To change the port configuration of the GX-0232, you need to replace one of the two pre-installed 8-port 10/100BASE-TX modules.

▼ Product view

