



RP-G1416Q

16-P Gigabit Ethernet Switch with Loop detection + QoS

As a powerful, high-performance Gigabit Ethernet switch with 16 10/100/1000 Mbps ports RP-G1416Q provides you a real gigabit connection.

Featured a non-blocking switching architecture that filters and forwards packets at full wire-speed for maximum throughput, it supports 802.3x flow control frames for full-duplex and optional back pressure for half-duplex.

With Loop Detection LED caution light which attract the network administrators' attention to optimize network configuration. The Switch supports QoS 4 priority queues, by using QoS mechanisms effects usage of network.

RP-G1416Q is easy to installation and maintenance by plug & play without any software to configure and also fully compliant with all kinds of network protocols. And automatic MDI/MDI-X crossover detection function ensures you no need to worry about the cable type by automatically switching the port's receive and transmit connections. It supports IEEE 802.3az Energy Efficient Ethernet and Green Ethernet features to save power consumption.

RP-G1416Q, is in a compact 8.5" cabinet designed, with its long bracket kits allow you to install into a 19-inch rack or optional kits to extend to 10-inch rack.



Feature

- Supports MDI/MDI-X auto crossover
- Supports full and half duplex operation on all ports
- Supports back-pressure (half duplex) and flow control (IEEE 802.3x)
- Wire-speed packet filtering and forwarding rate
- Store-and-forward architecture filters fragment & CRC error packets
- Supports 8K MAC address entries in whole system
- 4.1M bits packet buffer memory
- Supports 9K bytes Jumbo Frames
- Supports loop detection
- Supports 802.1p QoS 4 priority queues
- Complies with IEEE 802.3az Energy Efficient Ethernet
- With 19" Rack Mount Kits
- With 10" Rack Mount Kits (Optional)

Specification

Standard	<ul style="list-style-type: none">● 802.3 Ethernet, 802.3u Fast Ethernet, 802.3ab Gigabit Ethernet● 802.3x flow control for full duplex● 802.3az Energy Efficient Ethernet support● 802.1p QoS
Interface	<ul style="list-style-type: none">● 16 * 10/100/1000Mbps RJ-45 switching ports
NWay Protocol Support	<ul style="list-style-type: none">● Network speed: 10 / 100 / 1000Mbps● 10Mbps: Full/Half duplex● 100Mbps: Full/Half duplex● 1000Mbps: Full duplex
MAC Address Table	<ul style="list-style-type: none">● 8K
Jumbo Frame	<ul style="list-style-type: none">● 9K bytes
Buffer memory	<ul style="list-style-type: none">● 512K bytes
LED Indications	<ul style="list-style-type: none">● System: Power (Green)● Port: Link/Activity (Green)● Loop detection (Red)
Environment	<ul style="list-style-type: none">● Operating Temperature: 0°C ~ 40°C● Operating Humidity: 10% ~ 90% RH, non-condensing
Power Supply	<ul style="list-style-type: none">● Internal Power 100~240VAC, 50~60Hz
Dimensions	<ul style="list-style-type: none">● L216 x W133 x H42 mm
Certification	<ul style="list-style-type: none">● FCC, CE

Ordering information

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