

RP-G1416D **16-P Gigabit Ethernet Switch**

RP-G1416D provides 16 10/100/1000Mbps Gigabit ports that lead you to a real Gigabit connection. Users are now able to transfer large and high bandwidth-needed files faster and hence get a real efficiency improvement.

RP-G1416D offers users with fast and reliable network. The store-and-forward architecture filters errors and forwards packets in a non-blocking environment. Flow control ensures the correctness of data transmitting. The 802.3x and backpressure flow control mechanisms work respectively for full and half duplex modes.

RP-G1416D features with easy installation and maintenance. It supports N-Way auto-negotiation protocol, which detects the networking speed (either 10/100/1000 Mbps) and the duplex modes (Full or Half duplex mode) automatically and do an immediately adjustment to advance the capability and performance. Auto-MDI/MDI-X function alleviates the effort to use crossover cables. Users need not to prepare crossover cables for equipment connectivity. Also, rich diagnostic LEDs are provided for users to get real-time information of the connection status that helps to do quick response and correction.



Features

- 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
- Support s 802.1p CoS
- Supports EEE(802.3az) feature on/off push button for power saving or performance mode
- Supports 8K MAC address entries in whole system
- 256K packet buffer memory
- Supports 9K bytes Jumbo Frames
- Fanless design for silent operation
- With 19" Rack Mount Kits
- With 10" Rack Mount Kits(optional)

Specifications

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 CoS
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
Network Data Rate	<ul style="list-style-type: none">● MDI/MDI-X auto crossover and polarity correction
MAC Address Table	<ul style="list-style-type: none">● 8K-entry look-up table with auto-learning function
Jumbo Frame	<ul style="list-style-type: none">● 9K bytes
Buffer memory	<ul style="list-style-type: none">● 256KBytes
LED Indications	<ul style="list-style-type: none">● Per Unit: Power and System status each● Per Port: Activity/Link
Temperature	<ul style="list-style-type: none">● Operating: 0°C ~ 50°C
Humidity	<ul style="list-style-type: none">● Operating: 10% ~ 90% RH, non-condensing
Power Supply	<ul style="list-style-type: none">● Internal Power supply 100~240VAC, 50/60 Hz
Dimensions	<ul style="list-style-type: none">● 216 x 133 x 42 mm (8.5-inch desktop size)
Certification	<ul style="list-style-type: none">● FCC, CE

Ordering information

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