

Key Benefits:

- Ports: 16 10/100/1000Mbps RJ-45 Gigabit ports
- Supports the NWay protocol to automatically detect network speed (10/100/1000 Mbps) and duplex mode (Half/Full)
- 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 fragments and CRC error packets
- Supports 8K MAC address entries in whole system
- 500-KByte buffer memory
- Supports 9K-byte Jumbo Frames
- LED indicators for network diagnostics
- Internal power supply
- FCC, VCCI, CE Class A, meets RoHS

SW16-GB

16-PORT GIGABIT ETHERNET SFP SWITCH WITH ULTRA-QUIET OPERATION AND REAR CABLE INSTALLATION FOR ATTRACTIVE, CLEAN-FINISHED LOOKS

The SW16-GB Enterprise-Class rack-mountable Gigabit Ethernet switch is designed so that all cables install from the back, for a clean-finished rack appearance, which custom installers and their clients prefer. The SW16-GB's ultra-quiet fan design provides silent operation – a major plus when installed near AV equipment.



The SW16-GB includes 16 10/100/1000 Mbps Gigabit ports. The store-and-forward architecture filters errors and forwards packets in a non-blocking environment. Flow control ensures correct data is transmitted, and 802.3x and backpressure flow-control mechanisms work respectively for full and half-duplex modes.

The SW16-GB is built with heavy-duty 1U housing, and designed for easy installation and maintenance. (Rack-mount hardware is included.)

The SW16-GB supports the NWay auto-negotiation protocol that automatically detects network speed (10/100/1000 Mbps) and Full/Half duplex modes. Auto-MDI/MDI-X functionality eliminates the need for crossover cables. Rich diagnostic Blue LEDs provide realtime status information.

Package Contents:

- One Gigabit Ethernet switch
- Power cord
- Rack mount brackets
- User's manual



Specifications

STANDARD

IEEE802.3 10BASE-T
IEEE802.3u 100BASE-TX
IEEE802.3x full-duplex flow control
IEEE802.3ab 1000BASE-T

INTERFACE

16* 10/100/1000 Mbps auto MDI/MDI-X RJ-45 switching ports

CABLE CONNECTIONS

RJ-45 (10BASE-T): Category 3,4,5 UTP/STP
RJ-45 (100BASE-TX): Category 5 UTP/STP
RJ-45 (1000BASE-T): Category 5,5e or enhanced UTP/STP

TRANSMISSION MODE

10/100Mbps Full-duplex, Half-duplex
1000Mbps Full-duplex

LED INDICATIONS

System: Power
16* 10/ 100M: Link/ACT
16* 1000M: Link/ACT

MEMORY

8K MAC entries
500K bytes Buffer Memory

EMISSION

FCC, CE, VCCI

OPERATING TEMPERATURE

0° ~ 40°C, 32° ~ 104°F

OPERATING HUMIDITY

10% - 90% non-condensing

POWER SUPPLY

Internal power supply 100-240V/50-60 Hz universal input

POWER CONSUMPTION

65W, DC 48V/1.35A

MECHANICAL

10.375" w x 7.25" d x 1.75" h
3.4 lbs

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