

JGS1600R

16 Port Gigabit Ethernet Switch



Introduction

This 16 Port Rack-mountable Giga Ethernet Switch provides 16 10/100/1000Mbps Auto-Negotiation RJ45 ports. All ports support Auto MDI/MDIX function, eliminating the need for crossover cables or Uplink ports. The 16 Port Rack-mountable Giga Ethernet Switch provides you with a low-cost, easy-to-use, high-performance, seamless and standard upgrade to improve your old network to a 1000Mbps network. It will boost your network performance up to full duplex data transfer.

Features

- Compliant with the IEEE802.3 10Base-T Ethernet, IEEE802.3u 100Base-TX, IEEE802.3ab 1000Base-T specifications
- 32Gbps switching fabric capacity
- 16 port 10/100/1000Mbps TX Auto-Negotiation Ethernet Switch
- Full/Half-Duplex capability on each TX port (only support full duplex In1000M)
- IEEE802.3x standard flow control for Full-duplex, optional Back Pressure function for Half-duplex operation
- Support crossover detection and auto correction in 10 Base-T/100 Base-T
- Support TP interface Auto MDIX function for auto TX/RX swap
- Support up to 8K MAC addresses
- Up to 2M bits buffer
- Support packet length 9216 bytes jumbo frame packet forwarding at wired speed
- LED indicators for simple diagnostics and management
- Plug and Play



SPEC

Hardware Specification

- Chip
 - ✧ RTL8376+RTL8218
- Ports
 - ✧ 16 10/100/1000 Base-T ports
- LED
- ✧ Power
- ✧ Link/Activity
- Cabling Type
 - ✧ 10BASE -T: UTP Cat. 3 or up
 - ✧ 100BASE-TX/1000Base-T: UTP Cat. 5 or up

Software Specification

- Standards
 - ✧ IEEE 802.3 10Base-T
 - ✧ IEEE 802.3u 100Base-TX
 - ✧ IEEE802.3ab 1000Base-T
 - ✧ IEEE 802.3x Flow Control
- Access Method
 - ✧ CSMA/CD
- MAC Address Table
 - ✧ 8k
- Built-in Buffer
 - ✧ 2M bits
- Data Transfer Rate
 - ✧ 10/100Mbps (Half-duplex)
 - ✧ 20/200/2000Mbps (Full-duplex)
- Auto MDI/MDIX
 - ✧ Yes

Environment

- Dimension
 - ✧ 440 mm(L)*200 mm(W)*44 mm(H)



- Power
 - ✧ AC 100-240V /50-60Hz
- Operating Temperature
 - ✧ 0° to 40° C
- Storage Temperature
 - ✧ -20° to 70° C
- Operating Humidity
 - ✧ 5% to 90 % non-condensing
- Storage Humidity
 - ✧ 5% to 90% non-condensing

Certification

- FCC Part 15 Class A, CE Mark

