

JGS500E

5-Port Gigabit Switch



This device is a powerful and high-performance 10/100/1000Mbps Gigabit Ethernet switch with 5 * 10/100/1000Mbps Gigabit Ethernet ports. Moreover, it provides a backbone link to your switched workgroup or a server fat-pipe link. With such flexible architecture, users can easily plan the network without bandwidth and media limitation.

With 10Gbps switch bandwidth, the switch is fully non-blocking architecture can support every switching port wire-speed performance. Compared to the shared 10/100/1000Mbps networks, the switch delivers a dedicated 10/100/1000Mbps connection to every attached client with no bandwidth congestion issue. Store-and-forward switching mode promises the low latency plus eliminates all the network errors, including runt and CRC error packets.

The switch provides half and full-duplex capability on all ports to boost bandwidth for servers and power users and is fully compliant with all kinds of network protocols. Moreover, the rich diagnostic LEDs on the front-panel provides the operating status of individual port and whole system.

Key Features

- Complies with 10BASE-T specifications of the IEEE802.3 standard
- Complies with 100BASE-TX specifications of the IEEE802.3u standard
- Complies with 1000BASE-T specifications of the IEEE802.3ab standard
- 5 * 10/100/1000Mbps RJ-45 Nway ports
- Supports NWay protocol for speed (10/100/1000Mbps) and duplex mode (Half/Full) Auto-detection
- 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
- 112KBytes buffer memory
- Support 9K Byte Jumbo frame
- Supports extensive LED indicators for network diagnostics
- External power adapter
- FCC VCCI Class B, CE, VCCI

Specification:

Standard

IEEE802.3, IEEE802.3u, IEEE802.3ab and IEEE802.3x standards

Interface

5 * 10/100/1000Mbps RJ-45 switching ports

NWay Protocol Support

10Mbps: Full/Half duplex

100Mbps: Full/Half duplex

1000Mbps: Full duplex only

Emission

FCC Class B, CE, VCCI

Rich LED indicators

System: Power

Port: 1000M; 100M; 10M

Operating Temperature

0°- 40°C (32°- 104°F)

Operating Humidity

10% ~ 90% (non-condensing)

Power Supply

External power adapter 12VDC 1A

Ordering information

MODEL	DESCRIPTION
JGS500E	5-Port Gigabit Switch

