

Features

- 16 x 10/100/1000Mbps Auto-negotiation Gigabit Ethernet ports
- Auto MDI/MDI-X for each port
- Support Full/Half duplex transfer mode for 10/100Mbps
- Support Full duplex transfer mode for 1000Mbps
- Wire speed reception and transmission
- Store-and-Forward switching method
- Integrated address Look-Up Engine, supports 8K absolute MAC addresses
- Supports 512KBytes RAM for data buffering
- Extensive front-panel diagnostic LEDs
- IEEE 802.3x flow control for full-duplex
- Standard 19" Rack-mount size, 1U height



Specifications

Standards

- ✓ IEEE 802.3 10BASE-T
- ✓ IEEE 802.3u 100BASE-TX
- ✓ IEEE 802.3ab 1000BASE-T

Network Media

- ✓ Ethernet: 2-pair UTP Cat. 3,4,5, up to 10M
- ✓ Fast Ethernet: 2-pair UTP Cat. 5, up to 100M
- ✓ Gigabit Ethernet: 4-pair UTP Cat. 5 plus, up to 1000M

Protocol

- ✓ CSMA/CD

Topology

- ✓ Star

Number of Ports

- ✓ 16 x 10/100/1000Mbps Auto-MDI/MDI-X port with RJ-45 connector

Network Data Transfer Rate

- ✓ Ethernet: 10Mbps (Half-duplex)
20Mbps (Full-duplex)
- ✓ Fast Ethernet: 100Mbps (Half-duplex)
200Mbps (Full-duplex)
- ✓ Gigabit Ethernet: 2000Mbps (Full-duplex)

Data RAM Buffers

- ✓ 512KBytes

Filtering Address Table

- ✓ 8K entries per device

Diagnostic LEDs

- ✓ Per Unit: Power
- ✓ Per Port: 3 LEDs for Link/ACT, 1000M, 100M

Power

- ✓ 100 - 240VAC 50/60Hz, Internal Universal Switching Power

Power Consumption

- ✓ 23 watts. (max.)

Dimensions (W x D x H)

- ✓ 440 x 210 x 44 mm

Temperature

- ✓ Operating: 0 ~ 40 °C
- ✓ Storage: -10 ~ 70 °C

Humidity

- ✓ Operating: 10% ~ 90% RH
- ✓ Storage: 5% ~ 90% RH

Emission

- ✓ FCC Class A
- ✓ CE mark Class A
- ✓ VCCI-A

Safety

- ✓ cUL (UL 60950)
- ✓ CB (IEC 60950)

Ordering Information

CS-716GB 16-port 1000BASE-T Gigabit Ethernet Switch