



16-PORT GIGABIT ETHERNET SWITCH

CGS-1600, CNet's new Gigabit backbone switch is especially designed to meet heavy load demands in network's running bandwidth hungry applications. The maximum transfer speed for each independent port reaches a remarkable 2000Mbps.

With built-in Auto-negotiation and Auto-MDI/MDIX features, CGS-1600 provides great compatibility and flexibility for existing Ethernet networks as well as many advanced features to boost network, and deploy intense applications.

KEY FEATURES

- Supports Auto-Negotiation on each TP port
- Bridging capability for 10Mbps, 100Mbps and 1000Mbps segments.
- Provides Store-and-Forward forwarding scheme.
- Supports Auto MDI/MDI-X function
- Supports IEEE 802.3x Flow-Control for Full-Duplex operation
- Back-Pressure function supports for Half-Duplex operation
- Non-blocking Performance Improves Access to Network Resources
- Support jumbo frames up to 9.6k bytes

SPECIFICATIONS

Product Name	16-Port Gigabit Ethernet Switch
Model Name	CGS-1600
Ports	16x 10/100/1000 BASE-T TP Copper Ports
Standards	IEEE 802.3 10BASE-T IEEE 802.3u 100BASE-TX IEEE 802.3ab 1000BASE-T IEEE 802.3x Flow Control for Full-Duplex Operation
Forwarding/Filtering Rate	14880 packets/second per port@10Mbps, max 148800 packets/second per port@100Mbps, max 1488000 packets/second per port@1000Mbps, max
Auto-MDIX	All TP ports support Auto-MDI/MDI-X Function
LED Indicators	One (1) for Power One (1) per port for Link/ACT: Orange for 1000Mbps; Green for 10/100Mbps
Environment	Operating Temperature: 0° ~ 40° C Storage Temperature: -20° ~ 80° C Humidity: 10% ~ 90% Non-condensing
Power Supply	Internal full range switching power supply Input voltage:100 ~ 240 +-10% V AC 50/60 Hz
Power Consumption	20Watts
Internal FAN	x 1
Dimensions	442 x 185 x 44 mm (17.40 x 7.28 x 1.73 inches)

ORDERING INFORMATION

Model	Description
CGS-1600	16-Port Gigabit Ethernet Switch