

CGS-1600—16-PORT GIGABIT SWITCH

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CNet in continuation of its efforts to strengthen the market transition to Gigabit Ethernet is proud to introduce the addition of CGS-1600 to its Gigabit Switch product line. CGS-1600, CNet's new Gigabit switch is especially designed for small and medium businesses to meet their heavy bandwidth demands for graphic and multimedia applications on the network.

KEY FEATURES

- Auto-MDI/MDI-X on All Ports for Simple Setup and Troubleshooting
- Flow-control Reduces Re-transmissions in the Networks
- Deliver Robust Performance and Build Quality to Ensure Reliable Operation
- Auto-negotiation Function for Compatibility among 10/100/1000Mbps
- Non-blocking Performance Improves Access to Network Resources



SPECIFICATION

Model	CGS-1600
Standards	IEEE 802.3: 10 Base-T IEEE 802.3u: 100 Base-TX IEEE 802.3ab: 1000 Base-T IEEE 802.3x: Flow-control support
Ports	Sixteen 10/100/1000 Base-T TP Copper Ports
Media Support	10 Base-T: Category 3, 4 or 5 TP 100 Base-TX/1000 Base-T: Category 5 TP
Bandwidth	1000 Base-T 10/20/100/200/2000Mbps
Forwarding Rate	14881 packets/second per port @ 10Mbps maximum 148810 packets/second per port @ 100Mbps maximum 1488100 packets/second per port @ 1000Mbps maximum
Latency	75 μsec @ 10Mbps minimum 11 μsec @ 100Mbps minimum 2.2μsec @ 1000Mbps minimum
Duplex Modes	Support Auto-MDI/MDI-X and Auto-negotiation Functions
LED Indicators	One Green LED displays Power status One Green LED per port displays 1000 Mbps Link/Act status One Green/Orange LED per port displays 10/100 Mbps Link/Act status One Green LED per port displays Full-duplex/Collision (Half -duplex) status
Power Supply	Full Range Auto-switching Input Voltage: 100 ~ 240 +-10% VAC/ 50 ~ 60Hz
Environment	Operating Temperature: -20° ~ 70°C (-4° ~ 158°F) Storage Temperature: -40° ~ 80°C (-40° ~ 176°F) Humidity: 10% ~ 90% Non-condensing
Certifications	FCC CE
Dimensions	442 x 184 x 44mm (17.40 x 7.24 x 1.73inches)

ORDERING INFORMATION

Model	Description
CGS-1600 (B)	16-Port Gigabit Switch