ComX Computers
Product Specification Sheet

CD-GS108D

Cudy 8 Port Gigabit Desktop Switch

Product Overview

Cudy 8 Port Gigabit Desktop Switch, GS108D, 8 x 10/100/1000 Mbps Auto-Negotiation Ports, 16Gbps switching capacity

















Specifications

Overview Summary:

The Cudy GS108D 8-Port Gigabit Desktop Switch provides a simple way to expand your wired network with eight 10/100/1000Mbps Ethernet ports. Its plug-and-play design requires no configuration, making it suitable for homes, offices and small networks.

With 16Gbps switching capacity and energy-efficient operation, the GS108D supports fast, reliable wired connectivity for everyday networking and high-bandwidth data transfers. Buy now or shop now for an easy-to-use Gigabit network switch in South Africa.

Performance tier: Entry-level

Uses:home networking, office networking, wired device expansion, file transfers, multimedia networking, small business networks

Overview:

Cudy GS108D 8-Port Gigabit Desktop Switch
The Cudy GS108D is an 8-port Gigabit desktop switch designed to provide a simple and efficient way to expand a wired Ethernet network. With eight 10/100/1000Mbps RJ45 ports and a 16Gbps switching capacity, it supports fast data transfers for computers, printers, network storage, access points, cameras and other compatible devices. Its compact desktop design, plug-and-play operation and automatic network detection make it suitable for homes, offices and small business environments.

Description:

The Cudy GS108D 8-Port Gigabit Desktop Switch delivers reliable wired network connectivity without requiring complicated configuration. Each port automatically detects the connected device and negotiates the appropriate network speed, supporting 10Mbps, 100Mbps and Gigabit Ethernet connections. Auto-MDI/MDIX also removes the need for crossover cables, making installation straightforward.

The non-blocking switching architecture allows packets to be forwarded and filtered at full wire speed, helping maintain consistent network performance when transferring large files or using bandwidth-intensive applications. IEEE 802.3x flow control further helps manage network traffic and reduce congestion.

With its energy-efficient design, the GS108D can automatically adjust power consumption based on link status and cable length. This makes it a practical choice for expanding a network while keeping power usage under control.

Features:

Fast Gigabit Network Connectivity
Eight Gigabit Ethernet ports provide flexible connectivity for multiple wired devices. With support for up to 1000Mbps per port and a total 16Gbps switching capacity, the GS108D is well suited to applications that require faster local network transfers.

It can be used for transferring large files, accessing network storage, streaming HD media, connecting desktop PCs and linking other Ethernet equipment. Devices operating at 10Mbps or 100Mbps can also connect automatically, making the switch compatible with a wide range of existing network hardware.

Simple Plug and Play Installation
The Cudy GS108D is designed for straightforward deployment. Connect the switch to power, attach Ethernet cables and connect your network devices. No software installation or manual network configuration is required for normal operation.

Auto-negotiation detects the capabilities of each connected device and automatically selects the appropriate connection speed. Auto-MDI/MDIX also simplifies cabling by automatically detecting the cable type.

Reliable Data Transfer and Network Performance
The switch uses a non-blocking architecture to support wire-speed packet forwarding and filtering. This helps provide efficient data movement between connected devices, particularly when several systems are accessing network resources.

IEEE 802.3x flow control supports traffic management in Full Duplex mode, while backpressure is supported in Half Duplex mode. Together, these technologies help reduce congestion and maintain dependable network communication.

Energy Efficient Network Expansion
Cudy green technology helps reduce unnecessary power consumption. The switch can adjust its power usage according to network link status and cable length, helping make everyday operation more energy efficient.

This makes the GS108D suitable for users who want to add multiple wired connections without installing a large or power-hungry network switch.

Key Technical Details

- 8 x 10/100/1000Mbps Auto-Negotiation RJ45 Ethernet ports
- 16Gbps switching capacity
- Auto-MDI/MDIX support
- IEEE 802.3, IEEE 802.3u, IEEE 802.3ab and IEEE 802.3x support
- Non-blocking switching architecture
- Full wire-speed packet forwarding and filtering
- MAC address auto-learning and auto-aging
- IEEE 802.3x flow control for Full Duplex operation
- Backpressure support for Half Duplex operation
- Automatic power adjustment based on link status and cable length
- Plug-and-play installation
- Compact desktop design

Ideal Uses for the Cudy GS108D
The 8-port Gigabit switch can be used to expand wired connectivity in a home office, business office, study, workshop or small network installation. It is suitable for connecting PCs, printers, network storage devices, access points, IP cameras and other Ethernet-enabled equipment.

For easy product identification when ordering or checking compatibility, the Part Number / SKU is CD-GS108D.

A Practical 8-Port Gigabit Ethernet Switch
The Cudy GS108D combines eight Gigabit Ethernet connections, automatic network detection, efficient packet handling and energy-saving operation in a compact desktop unit. It is a practical option for users who need additional wired network ports and want fast, dependable Ethernet connectivity without complicated setup.

Specifications:

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Specifications	
Product Code	CD-GS108D
Model	GS108D

Standards	IEEE802.3 10Base-T, IEEE802.3u 100Base-TX
	IEEE802.3ab 1000Base-T, IEEE802.3az
Network Media	10BASE-T: UTP category 3,4,5 cable (maximum 100m)
(Cable)	100BASE-Tx: UTP category 5, 5e cable (maximum 100m)
	1000BASE-T: UTP category 5e, 6 cable (maximum 100m)
Number of Ports	8 x 10/100/1000Mbps Auto-Negotiation ports
LED Indication	Power, Link/Act LEDs
Transfer Method	Store-and-Forward
Switching Capacity	16Gbps
Power Input	DC 5V /1A(adapter)
Consumption	Max2.3W
Frame Filtering	10Mbps: 14880pps
and Forward Rate	100Mbps: 148800pps
	1000Mbps: 1488000pps
Dimensions W*D*H	143mm x 72.7mm x 26.9mm
Weight	215g
Operating Temperatur	0degreesC~40degreesC (32degreesF~104degreesF)
Storage Temperature	-40degreesC~70degreesC (-40degreesF~158degreesF)
Relative Humidity	10%~90%, non-condensing
Storage Humidity	5%~95%, non-condensing
Package Contents	1 x Power Adapter ; 1 x Switch ; 1 x User Manual

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page: https://www.comx-computers.co.za/CD-GS108D-Cudy-8-Port-Gigabit-Desktop-Switch-p-339616.php

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