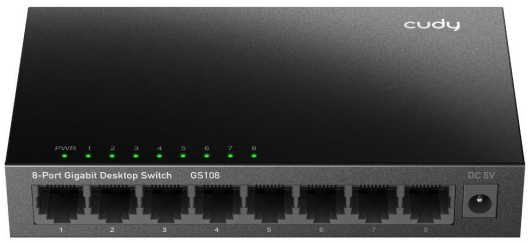
ComX Computers
Product Specification Sheet

CD-GS108

Cudy GS108 8 Port Metal Gigabit Desktop Switch

Product Overview

Cudy GS108 8 Port Metal Gigabit Desktop Switch, 8x Gigabit RJ45 Ports, 16 Gbps Max switching capacity, DC Power Method







Specifications

Overview Summary:

The Cudy GS108 8-Port Gigabit Desktop Switch is a compact and reliable networking solution designed to deliver fast and stable wired connectivity. With eight Gigabit Ethernet ports and a durable metal housing, it is ideal for expanding home or office networks where consistent performance is required. Its plug-and-play design ensures quick setup with no configuration needed.

Built for efficiency, this unmanaged switch supports high-speed data transfer with up to 16 Gbps switching capacity and extended transmission distances of up to 170 metres. It is suitable for connecting multiple devices such as PCs, routers, printers, and smart home equipment while maintaining stable network performance. The low power consumption design also helps reduce electricity usage during operation.

Upgrade your wired network today with the Cudy GS108 and enjoy dependable performance for everyday connectivity needs. Shop now to improve speed, stability, and coverage in your home or office setup.

Performance tier:SOHO / Entry-level Gigabit Networking

Uses: Home networking expansion, office LAN connectivity, connecting PCs and printers, smart TV and streaming devices, router port expansion

Overview:

The Cudy GS108 8 Port Metal Gigabit Desktop Switch is a compact and reliable networking solution designed to deliver stable high-speed connectivity for homes, offices, and small business environments. Built with eight Gigabit RJ45 ports, it supports fast and uninterrupted data transfer while maintaining a simple plug-and-play setup. The device model is GS108 4.0 and the part number / SKU is CD-GS108.

Description:

The Cudy GS108 is an unmanaged Gigabit Ethernet switch designed to expand wired network access with minimal setup effort. It delivers fast 10/100/1000 Mbps performance across all ports, ensuring smooth data flow for multiple connected devices at the same time. Its metal housing improves durability and heat resistance, while its energy-efficient design helps reduce power consumption during idle operation. With support for extended transmission distances and flexible mounting options, it is well suited for both desktop and wall-mounted installations in structured network environments.

Features:

High-Speed Gigabit Network Expansion
The switch provides eight non-blocking Gigabit Ethernet ports that support simultaneous high-speed connections without bandwidth interference. This makes it suitable for connecting PCs, printers, network storage, and other wired devices in a stable environment.

Key performance points include:

- 8 x 10/100/1000 Mbps RJ45 ports for full Gigabit connectivity
- Maximum switching capacity of 16 Gbps for efficient data handling
- Forwarding rate up to 11.904 Mpps for smooth traffic flow
- 8192 MAC address table entries for larger network handling
- 4 Mbit packet buffer for stable data processing

Extended Transmission and Stable Wiring Setup
Designed for improved flexibility in cable installation, the GS108 supports extended transmission distances. With Cat 5e or higher cabling, it can reach up to 170 meters at Gigabit speed, helping reduce infrastructure limitations in larger spaces.

Compact Metal Design for Flexible Installation
The durable metal casing ensures protection and long-term reliability while maintaining a compact footprint suitable for tight installations. It can be placed on a desk or mounted on a wall using built-in mounting points, making it adaptable for various network layouts.

Physical details include:

- Dimensions: 138 x 78 x 25 mm
- Weight: 211 g
- Metal enclosure for improved durability
- Desktop or wall-mount installation support

Efficient Power Usage and Energy Saving Operation
The switch is designed with basic power-saving functionality that reduces energy usage when ports are idle. This helps lower operational costs in continuous-use environments.

Power characteristics include:

- Maximum power consumption: 2.75W
- Idle power consumption: 2.2W
- DC power input: 5V 0.55A
- External adapter support for standard AC input conversion

Reliable Network Stability and Layer 2 Support
The GS108 integrates essential Layer 2 network features to improve stability and reduce network disruptions. These include loop detection and prevention mechanisms along with IGMP snooping support for more efficient multicast traffic handling.

Supported protocols and controls:

- IEEE 802.3, 802.3u, 802.3ab standards
- 802.3x flow control
- Loop detection and loop prevention
- IGMP snooping for traffic optimization

Operating Conditions and Durability Range
Built for consistent performance in standard indoor environments, the switch operates reliably under a range of conditions suitable for office and home networking setups.

- Operating temperature: 0 C to 40 C
- Storage temperature: -40 C to 70 C
- Operating humidity: 10 percent to 90 percent non-condensing
- Storage humidity: 5 percent to 90 percent non-condensing

Included Components
The package includes everything required for immediate setup and use, allowing for quick deployment without additional accessories.

- Cudy GS108 switch unit
- Power adapter
- Installation guide

The Cudy GS108 8 Port Metal Gigabit Desktop Switch (SKU: CD-GS108) is designed for users who need dependable wired networking performance, simple deployment, and efficient multi-device connectivity in a compact and durable form factor.

Specifications:

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Specifications	
Product Code	CD-GS108
Model Version	GS108 4.0
Interfaces	
Gigabit RJ45 Ports	8
LED	Power
	Link/ACT of Each Ethernet Port
Power Interfaces	DC Jack

Performance	
Max Copper Speed and Distance	Cat. 3 or higher cable: 100 meters at 10 Mbps
	Cat. 5 or higher cable: 100 meters at 100 Mbps
	Cat. 5e or higher cable: 170 meters at Gigabit
MAC Address Table	8192
Max Switching Capacity	16 Gbps
Max Forwarding Rate	11.904 Mpps
Jumbo Frame	15 KB
Packet Buffer	4 Mbit
Power	Yes
Basic Power Saving	
Power Methods	DC
Power Input	5V?0.55A
Power Adapter in the Box	Input: 100-240V~, 50/60Hz
	Output: 5V?0.55A
Max Power Consumption	2.75W
Idle Power Consumption	2.2W
Switching	
802.3 Protocols	802.3x Flow Control
	802.3i 10BASE-T
	802.3u 100BASE-TX
	802.3ab 1000BASE-T
L2 Features	IGMP Snooping
	Loop Prevention
	Loop Detection
Reliability	
EMS	IEC/EN 61000-4-2, Level 2 ESD: Contact: 4kV , Air: 8kV
	IEC/EN 61000-4-5, Level 3 Surge: 2kV
Environment	Operating Temperature: 0 degreesC ~ 40 degreesC (32 degreesF ~104 degreesF)
	Storage Temperature: -40 degreesC ~ 70 degreesC (-40 degreesF ~ 158 degreesF)
	Operating Humidity: 10% ~ 90% non-condensing
	Storage Humidity: 5% ~ 90% non-condensing
Mechanical	
Dimension	138 x 78 x 25 mm
	5.43 x 3.07 x 0.98 inches
Product Weight	211 g (7.44 oz.)
Casing Material	Metal

Installation	Desktop
	Wall-mount
Package Content	GS108
	Power Adapter
	Installation Guide
Ordering Information	
Retail Package Dimension	EU/US:
	151 x 90.5 x 63 mm
	5.94 x 3.56 x 2.48 inches
	UK:
	151 x 90.5 x 81 mm
	5.94 x 3.56 x 3.19 inches
Retail Package Weight	EU: 331 g (11.68 oz.)
	UK: 379 g (13.37 oz.)
	US: 343 g (12.1 oz.)
Units per Carton	EU/US: 40
	UK: 40
Carton Net Weight	EU: 13.2 kg (29.1 lbs)
	UK: 15.2 kg (33.51 lbs)
	US: 13.7 kg (30.2 lbs)
Carton Gross Weight	EU: 13.9 kg (30.64 lbs)
	UK: 16.0 kg (35.27 lbs)
	US: 14.6 kg (32.19 lbs)
Carton Dimension	EU/US: 48.5 x 32.5 x 27.8 cm
	19.09 x 12.8 x 10.94 inches
	UK: 47.7 x 32.2 x 34.5 cm
	18.78 x 12.68 x 13.58 inches

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-GS108-Cudy-GS108-8-Port-Metal-Gigabit-Desktop-Switch-p-336846.php

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