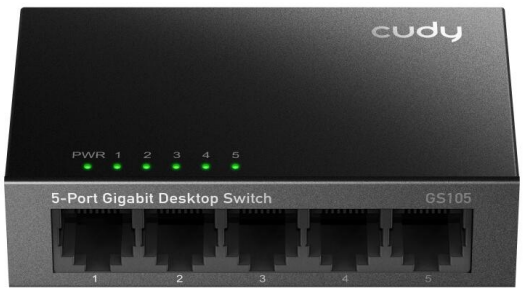
**ComX Computers**
Product Specification Sheet

# CD-GS105

Cudy GS105 5 port Metal Gigabit Desktop Switch

## Product Overview

Cudy GS105 5 port Metal Gigabit Desktop Switch, 5x Gigabit RJ45 Ports, DC jack Power Interface, 10 Gbps Max switching capacity















## Specifications

### Overview Summary:

Cudy GS105 5-Port Gigabit Metal Desktop Switch is a compact, high-performance networking solution designed to deliver fast and stable wired connections across home and office environments. With five full Gigabit Ethernet ports, it enables smooth data transfer for multiple devices simultaneously, making it ideal for expanding your local network without complexity. Its durable metal casing and plug-and-play setup ensure reliable performance with minimal configuration required.

Built for efficiency and extended reach, this switch supports up to 140m transmission distance on compatible cabling, helping reduce wiring limitations in larger spaces. Its low power consumption design also makes it cost-effective for continuous use. Whether upgrading a home network or improving office connectivity, this device provides a simple and dependable way to enhance wired internet performance. Shop now in South Africa to improve your network stability instantly.

**Performance tier:**Entry-level Gigabit unmanaged desktop switch

**Uses:**Home network expansion, small office networking, wired device connectivity, router port expansion, general LAN distribution

### Overview:

**Cudy GS105 5-Port Gigabit Metal Desktop Switch (CD-GS105 )**
This compact unmanaged network switch is designed to deliver reliable and high-speed wired connectivity for home and office environments. The Cudy GS105 provides five full Gigabit Ethernet ports, allowing multiple devices to communicate at maximum speed without bottlenecks. Built with a durable metal enclosure and a plug-and-play setup, it is suitable for users who need stable network expansion without complex configuration.

### Description:

The Cudy GS105 is a 5-port Gigabit desktop switch that combines performance efficiency with a robust metal housing. It is engineered to support smooth data transfer across multiple devices while maintaining low power consumption. With plug-and-play functionality, it requires no software or configuration, making it ideal for offices, small businesses, and home networks that need instant wired expansion. The device supports extended transmission distances and intelligent power saving, ensuring both flexibility and operational efficiency in everyday networking setups.

### Features:

**High-Speed Gigabit Connectivity for Reliable Network Expansion**
The switch features five 10/100/1000 Mbps RJ45 ports that support full Gigabit speeds on all connections simultaneously. This ensures stable performance for bandwidth-intensive tasks such as file transfers, online collaboration, streaming, and network storage access.

Key connectivity highlights include:

- 5 x Gigabit Ethernet ports for multi-device networking
- Non-blocking architecture for uninterrupted data flow
- Supports IEEE 802.3, 802.3u, 802.3ab standards
- IGMP Snooping support for optimized traffic handling

**Extended Transmission Distance for Flexible Deployment**
Designed for improved installation flexibility, the Cudy GS105 supports extended cable reach compared to standard switches. It enables stable Gigabit transmission over longer distances when used with appropriate cabling.

Important distance capabilities include:

- Up to 140 meters Gigabit transmission with Cat.5e or higher cable
- 100 meters support for 10/100 Mbps connections
- Suitable for larger homes, offices, and distributed setups

**Energy Efficient Network Operation**
This unmanaged switch integrates power-saving technology that reduces energy usage when ports are inactive, helping to lower operational costs without affecting performance.

Power-related details:

- Maximum power consumption: 1.2W
- Idle power consumption: 0.2W
- Basic automatic power saving on inactive ports
- DC power input: 5V 0.55A

**Compact Metal Housing and Installation Flexibility**
The metal casing provides durability while maintaining a compact footprint that fits easily into desktop environments or network cabinets. It also supports flexible placement options, including wall mounting.

Physical design details:

- Metal enclosure for improved durability and heat resistance
- Desktop or wall-mount installation support
- Dimensions: 86.5 x 53 x 23 mm
- Lightweight design at 115.1 g

## Core Technical Specifications (CD-GS105 ):

Model Version: GS105 5.0

Network Performance:

- Max switching capacity: 10 Gbps
- Forwarding rate: 7.44 Mpps
- MAC address table: 2048 entries
- Jumbo frame support: 9 KB
- Packet buffer: 1 Mbit

Ports and Interfaces:

- 5 x Gigabit RJ45 ports
- LED indicators for power and link/activity
- DC jack power interface

Environmental and reliability standards:

- Operating temperature: 0degrees C to 40degreesC
- Storage temperature: -40degrees C to 70degreesC
- Humidity tolerance: 10% to 90% (operating, non-condensing)
- EMS compliance: IEC/EN 61000-4-2 and 61000-4-5 standards

Packaging includes:

- Cudy GS105 switch unit
- Power adapter

- Installation guide

The Cudy GS105 5-Port Gigabit Ethernet Switch (SKU: CD-GS105 ) is a practical solution for users needing stable, high-speed wired networking with minimal setup and efficient energy usage.

## Specifications:

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| | |
|---|---|
| **Specifications** | |
| **Product Code** | CD-GS105 |
| **Model Version** | GS105 5.0 |
| **Interfaces** | |
| **Gigabit RJ45 Ports** | 5 |
| **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: 140 meters at Gigabit |
| **MAC Address Table** | 2048 |
| **Max Switching Capacity** | 10 Gbps |
| **Max Forwarding Rate** | 7.44 Mpps |
| **Jumbo Frame** | 9 KB |
| **Packet Buffer** | 1 Mbit |
| **Power** | |
| **Basic Power Saving** | Yes |
| **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** | 1.2W |
| **Idle Power Consumption** | 0.2W |
| **Switching** | |

| | |
|---|---|
| **802.3 Protocols** | 802.3x Flow Control |
| | 802.3i 10BASE-T |
| | 802.3u 100BASE-TX |
| | 802.3ab 1000BASE-T |
| **L2 Features** | IGMP Snooping |
| **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** | 86.5 x 53 x 23 mm |
| | 3.41 x 2.09 x 0.91 inches |
| **Product Weight** | 115.1 g (4.06 oz.) |
| **Casing Material** | Metal |
| **Installation** | Desktop |
| | Wall-mount |
| **Package Content** | GS105 |
| | Power Adapter |
| | Installation Guide |
| **Ordering Information** | |
| **Retail Package Dimension** | EU/US: |
| | 92 x 88 x 57 mm |
| | 3.62 x 3.46 x 2.24 inches |
| **Retail Package Weight** | EU: 214.2 g (7.56 oz.) |
| **Units per Carton** | EU/US: 60 |
| **Carton Net Weight** | EU: 12.9 kg (28.44 lbs) |
| **Carton Gross Weight** | EU: 13.4 kg (29.54 lbs) |
| **Carton Dimension** | EU/US: 38.5 x 30.5 x 28.5 cm |
| | 15.16 x 12.01 x 11.22 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-GS105-Cudy-GS105-5-port-Metal-Gigabit-Desktop-Switch-p-336841.php**

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