

8-Port Gigabit Ethernet Switch

Products Description

**Gigabit Ethernet Networking**

G1008 is a 8 -port unmanaged Gigabit switch which provides 8 10/100/1000Mbps auto-negotiation RJ45 ports. All ports wire-speed forwarding rate is up to 1000Mbps. G1008 supports 9k Jumbo Frame to increase the forwarding rate of large files in order to improve whole network performance . Lightning proof level is up to 4KV to ensure the stability and reliability of network. Built -in the latest broadcom chip , fanless design for silent operation and green lumi , G1008 is the first choice for small & medium enterprises, schools , small offices which need to upgrade gigabit network.

Features

- > Conforms to IEEE802.3、IEEE802.3u、IEEE802.3ab ethernet standard
- > Provides 8 10/100/1000Mbps auto-negotiation RJ45 ports
- > Provides up to 16Gbps backplane bandwidth and supports non-blocking wire-speed forwarding
- > Provides LEDs to make it easy to monitor link, speed, activity and solve problems in time
- > Supports IEEE802.3x full duplex flow control and half duplex back pressure flow control
- > Adopt advanced loop algorithm to prevent loop effectively
- > Professional integrated lightning protection circuit comes with inductive lightning protection($\geq 4KV$)
- > Large metal case for excellent heat dissipation, and desktop & wall-mounting design

Specification

Product	G1008
Hardware Specification	
Copper Ports	8 10/100/1000Base-T RJ-45 Auto-MDI/MDI-X ports
Transmission Media	Recommended: Cat5 or higher ($\leq 100m$) UTP/STP
Dimension (W x D x H)	186.7mm *106.7mm *33.3mm
LED	Power, Link/Act per Gigabit port
Power Input	100~240V AC, 50/60Hz
Power Output	9V DC, 1A
Operation Storage Temperature	10°C~45°C -40°C~70°C
Operation Storage Humidity	10%~90% RH (non-condensing) 5%~90% RH (non-condensing)
Layer 2 Function	
Standards	IEEE 802.3, IEEE 802.3u, IEEE802.3ab, IEEE 802.3x
Port Features	Inductive Lightning Protection: 4KV
	Loop Prevention for :
	1. loops between two nodes of an Ethernet cable which are directly connected to this switch 2. loops among other switches which are connected to this switch 3. loops among downlink devices of this switch
Switch Architecture	Store-and-Forward
Backplane Bandwidth	16Gbps
Jumbo Frame	9Kbytes

Key Features



Support 9K Jumbo Frame, which speeds up the transmission of large files and improves transmission efficiency



Professional integrated lightning protection circuit comes with inductive lightning protection ($\geq 4KV$)



Large metal case for excellent heat dissipation, and desktop & wall-mounting design



Adopt advanced loop algorithm to prevent loop effectively

Applications



IP-COM