

ZyXEL



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- Compact, sturdy desktop switch with alternative wall-mount installation
- Connect up to 8 network devices at Gigabit wire speed
- Green switch for energy savings
- Loop detection prevents network from crashing

GS-108B v2 8-Port Desktop Gigabit Ethernet Switch

Easily expand your home or office network with Gigabit speeds

Compact and stylish design

The stylish, compact metal housing of GS-108B fits any working environment. The affordable and reliable series comes with 8 ports to meet SOHO and home network expansion needs.

Gigabit Ethernet boosts speed up to 10/100 times faster

The ZyXEL GS-108B 10/100/1000 Mbps desktop switch is designed for reliable high-performance networks with speeds 10 times faster than Fast Ethernet connections. With the non-blocking switching fabric in full-duplex mode, the maximum speed can reach up to 2000 Mbps per port, while the store-and-forward service brings low latency and error-free packet delivering. The high-performance Gigabit Ethernet switch is perfect for fulfilling the demands of online gaming and multimedia streaming with the Nway auto-negotiation function.

Easy to connect multiple devices

The GS-108B is an 8-Port desktop switch with plug-and-play capability. With the Nway auto-negotiation function, the GS-108B connects network counterparts with highest possible network speed and activates duplex mode automatically. You can easily connect networked devices such as PCs, network storages and print servers to the home network without any manual configuration.

Energy saving via link status and cable length detection

GS-108B compliant with IEEE 802.3az Energy Efficient Ethernet standard provides power-saving benefits without compromising performance. The GS-108B automatically reduces power usage when it detects any shut down network device or inactive link. That is the power consumption of GS-108B adjusts according to the number of active network devices. The GS-108B can also detect the length of connected Ethernet cables and adjust power usage accordingly. The shorter the Ethernet cable length, the less power it consumes.



Detect
Cable Length



Adjust
Power Usage



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Specifications

System Specifications

Standard

- IEEE 802.3 10BASE-T Ethernet
- IEEE 802.3u 100BASE-TX Fast Ethernet
- IEEE 802.3ab 1000BASE-T Gigabit Ethernet
- IEEE 802.3 Nway auto-negotiation
- IEEE 802.3x full duplex operation and flow control
- IEEE 802.3az Energy Efficient Ethernet

Performance

- Data transfer rate (half duplex/full duplex):
 - Ethernet: 10/20 Mbps
 - Fast Ethernet: 100/200 Mbps
 - Gigabit Ethernet: 1000/2000 Mbps
- MAC address table: 8 K
- Memory buffer: 128 KB
- Switching fabric (non-blocking): 16 Gbps

Features

- Auto-MDI/MDIX in all ports
- Transmission method:
 - Store-and-forward architecture

- Loop detection support
- Jumbo frame support up to 9 KB

Hardware Specifications

Interface

- Eight RJ-45 10/100/1000 Mbps Ethernet ports with auto MDI/MDIX support

LED Indicator

- PWR: Power
- Per port: Link/Activity

Power Supply

- Input: 100-240 V AC
- Output: 9 V DC, 0.85 A

Power Consumption

- 5.5 watt max.

Physical Specifications

- Item dimensions (WxDxH):
164 x 98 x 26 mm (6.46" x 3.86" x 1.02")
- Item weight: 392 g (0.86 lb.)

- Packing dimensions (WxDxH):
170 x 108 x 92 mm (6.70" x 4.25" x 3.62")
- Packing weight: 559 g (1.23 lb.)

Environmental Specifications

Operating Environment

- Temperature: 0°C to 40°C (32°F to 104°F)
- Humidity: 10% to 90% (Non-condensing)

Storage Environment

- Temperature: -40°C to 70°C (-40°F to 158°F)
- Humidity: 5% to 90% (Non-condensing)

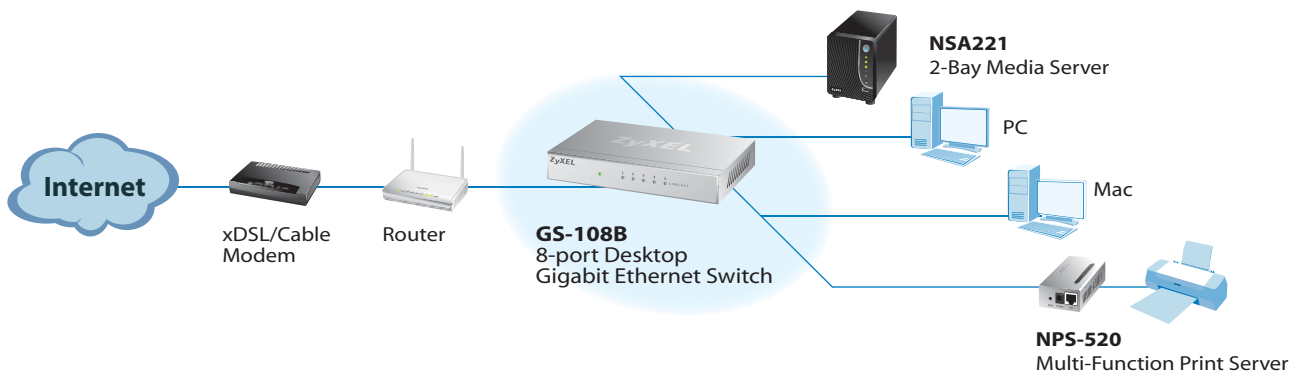
Certification

- CE, FCC Class B, C-Tick, BSMI

Package Contents

- Gigabit switch
- Power adapter
- Quick start guide
- Warranty card

Application Diagram



For more product information, visit us on the web at www.ZyXEL.com



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