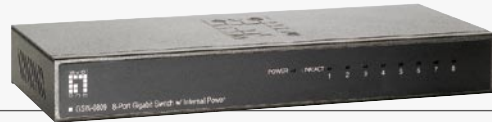




## 8-Port Gigabit Switch



GSW-0809

H/W Version: 2

### Product Overview

The LevelOne GSW-0809 Gigabit Ethernet Switch is designed for reliable high-performance networking. With its non-blocking switching fabric in full-duplex mode, this switch can deliver up to 2000Mbps per port, while the Store-and-Forward service brings low latency and error-free packet delivery. This high-performance Gigabit Ethernet switch is perfect for fulfilling the demands of online gaming and multimedia streaming. Moreover, this switch also supports IEEE 802.3az Energy Efficient Ethernet which helps reduce power consumption.

### Power Saving Features

The GSW-0809 supports IEEE 802.3az Energy Efficient Ethernet to provide power-saving benefits without compromising performance. One of the ways it

does this is by automatically detecting the length of connected cables and can adjust power usage by saving energy on shorter cable connections.

### Internal Power

With a built-in power supply, GSW-0809 is simple to install and use. No bulky adapters will hang on the wall and get in the way of your other electronic devices. Keep your desktop and computer area free from the clutter of cords!

### Easy to Use

The GSW-0809 features plug-and-play for easy installation. No configuration is required. Auto-negotiation on each port senses the link speed of a network device and adjusts for compatibility and optimal performance.



1. LEDs
2. 10/100/1000 Mbps
3. Internal power socket

### Key Features

- 8 x 10/100/1000Mbps Auto-negotiation Gigabit Ethernet ports
- Auto MDI/MDI-X for each port
- Supports full duplex transfer mode for 1000Mbps
- Supports 8K absolute MAC addresses
- Supports 125KBytes RAM for data buffering
- Supports IEEE 802.3x full-duplex / half-duplex back-pressure flow control
- Supports 9KB Jumbo Frames
- Supports IEEE 802.3az Energy Efficient Ethernet

### Works well with



**WGR-6012**  
300Mbps Wireless Gigabit Router



**GNS-2000**  
2-Bay Gigabit Network Storage

## Technical Specifications

### Standards Compliance

#### Compliant

IEEE 802.3 (10BASE-T)  
 IEEE 802.3u (100BASE-TX)  
 IEEE 802.3ab (1000BASE-T)  
 IEEE 802.3x Flow control  
 IEEE802.3az Energy Efficient Ethernet

### Network Interface

#### Ports

8 x 10/100/1000Mbps RJ-45 NWay ports

#### Nway Protocol Support

10 / 100Mbps: Full-duplex, Half-duplex  
 1000Mbps: Full-duplex

#### Network Media

Ethernet: 2-pair UTP Cat.3, 4, 5 up to 100M  
 Fast Ethernet: 2-pair UTP Cat.5 up to 100M  
 Gigabit Ethernet: 4-pair UTP Cat.5 plus up to 100M  
 Recommend Cat.5e for Gigabit Operation

#### Filtering/Forwarding Rate

10Mbps: 14,880 packets / sec  
 100Mbps: 148,800 packets / sec  
 1000Mbps: 1,488,000 packets / sec

#### Buffer Memory

125KB

#### Jumbo Frame

9KByte

#### MAC Address Table

8K

### Physical Specifications

#### LED Indicators

System: Power  
 Port: Link/Act

#### Power Supply

Internal Power 100-240V AC, 5V/2A

#### Operation Temperature

Operation: -0~40°C (32° - 104° F)

#### Operation Humidity

10%~90 % (non-condensing)

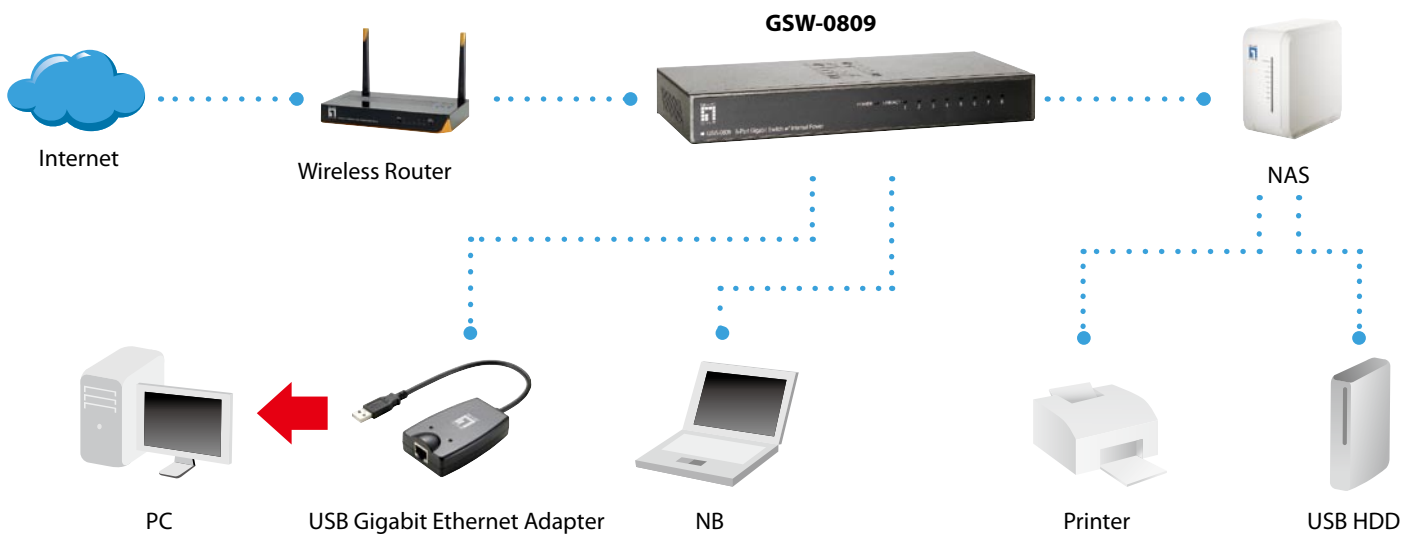
#### Dimensions (L x W x H)

194mm x 85mm x 25mm

#### Certification

FCC, CE

## Product Diagram



## Order Information

### Package Contents

#### GSW-0809: 8-Port Gigabit Switch

GSW-0809  
 Quick Installation Guide  
 Power Cord  
 Four Rubber Feet