



## 8-Port Gigabit Ethernet Switch

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 highperformance 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. Autonegotiation on each port senses the link speed of a network device and adjusts for compatibility and optimal performance.



1. LEDs
2. External Power Socket
3. 10/100/1000Mbps RJ-45 Ports

## Key Features

- 8 Gigabit Ethernet ports
- 10/100/1000Mbps wire speed transmission and reception
- 9K jumbo frames to increase data transfer rates
- Supports 8K MAC address auto-learning and auto-aging
- IEEE 802.3x Flow Control protects against lost packets for reliable data transmission



- Minimize carbon footprint with advanced energy efficient technology (IEEE 802.3az)

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## Specifications

### System Specifications

**Standards & Protocols:**

IEEE802.3(10BASE-T),IEEE802.3u(100BASE-T),IEEE802.3ab(1000BASE-T) ,IEEE802.3az Energy Efficient Ethernet

**Memory:**

32Kbit

**Buffer Memory:**

1Mbit

**Connectors and Cabling:**

Full Shielded

**Indicator:**

Power, LINK/ACT,1000M

**Transmission Method:**

Store- forward

**Power:**

3.3V/2A

### Features

**General:**

8 x 10/100/1000Mbps

### Performance

**Backplane (Gbps):**

16Gbps

**MAC Address Table:**

8K

**Packet Forwarding Rate:**

1488000pps

**Jumbo Frame (K):**

9KB

### Environment

**Power Saving:**

YES

**Temperature (°C):**

0-40°C

**Humidity (Non-condensing):**

10%~90%

### Physical Specifications

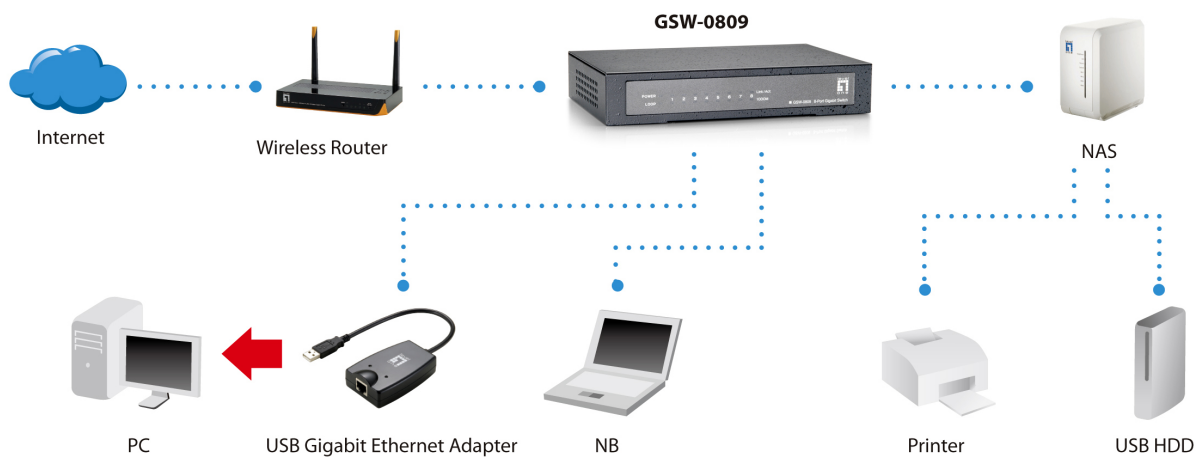
**Dimensions (W x D x H mm):**

190x120x35mm

**Weight (g):**

300g

## Diagram



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## Order Information

GSW-0809

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## Package Contents

GSW-0809  
Power Cord  
Rubber Feet  
Quick Installation Guide  
Resource CD (User Manual, QIG)

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