GSW-0809 Version: 3

# 8-Port Gigabit 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-0809supports 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)

## 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

Port:
Full Shielded

Indicator:
Power, LINK/ACT,1000M

Transmission Method:
Store- froward

Power Input:
3.3V/2A

Backplane (Gbps):
16Gbps

MAC Address Table:
8K

### Features

General:
8 x 10/100/1000Mbps

### Performance

Packet Forwarding Rate:
1488000pps

Jumbo Frame (K):
9KB

### Environment

Power Saving:
YES

Temperature (°C):
0-40°C

Humidity (Non-condensing):
10%~90%

### Physical Specifications

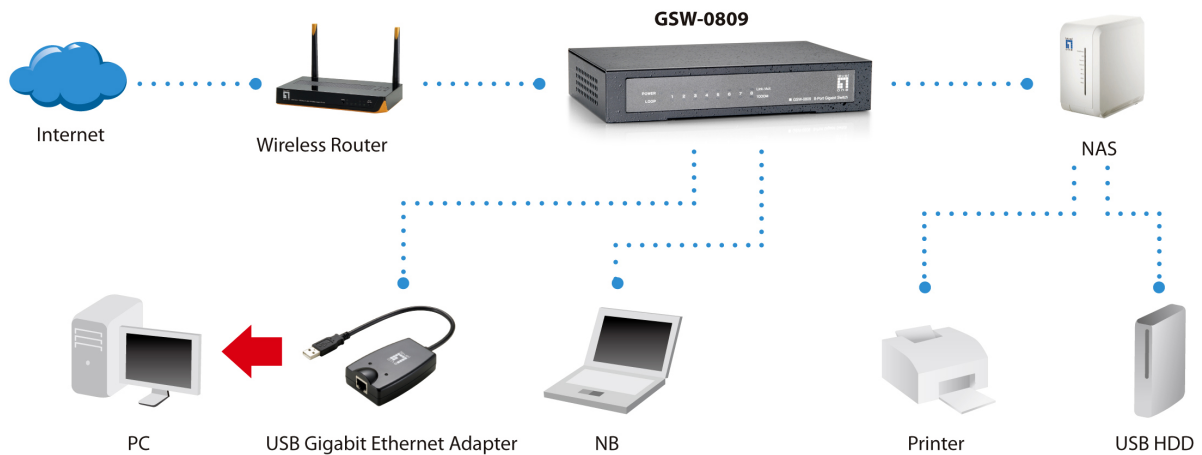Dimensions (W x D x H mm):
190x120x35mm

Weight (g):
300g

## Reliability

MTBF:

754308.6474 Hours

## Diagram



GSW-0809

Internet     Wireless Router     NAS

PC    USB Gigabit Ethernet Adapter    NB    Printer    USB HDD

## Order Information

GSW-0809

## Package Contents

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