



GSW-0507 Version: 5

## 5-Port Gigabit Switch

The LevelOne GSW-0507 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-0507 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.

### Compact and Stylish Design

The stylish, compact wall-mountable housing of GSW-0507 fits any working environment. It comes with 5 10/100/1000Mbps ports to meet SOHO and home network expansion needs.

### Easy to Use

The GSW-0507 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. LED Indicators
2. 10/100/1000Mbps RJ-45 Ports
3. External Power Socket
4. Wall-Mountable

## Key Features

- 5 Gigabit Ethernet ports
- 1000Mbps full-duplex, 10/100Mbps full/half-duplex, auto-negotiation, auto-MDI/MDIX
- Supports 8K MAC address auto-learning and auto-aging
- 9K jumbo frames to increase data transfer rates
- IEEE 802.3x Flow Control protects against lost packets for reliable data transmission
- Provides wall or desktop mounting
- Quick and easy installation



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

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## Specifications

### System Specifications

#### Standards & Protocols:

IEEE 802.3 10-BASE-T, Ethernet  
IEEE 802.3u 100-BASE-TX, Fast Ethernet  
IEEE 802.3ab 1000-BASE-T, Gigabit Ethernet  
IEEE 802.3x Flow Control (full-duplex flow control)  
IEEE 802.3az Energy Efficient Technology

#### Buffer Memory:

1024KB

#### Connectors and Cabling:

5 x 10/100/1000Base-T RJ-45 Port

#### Indicator:

Power; Link/Active

#### Transmission Method:

Store-and-Forward

#### Power Input:

DC 5V, 1A, External Power Adapter

#### Power Consumption:

< 3W

### Performance

#### Backplane (Gbps):

10Gbps

#### MAC Address Table:

8K

#### Packet Forwarding Rate:

1000Mbps port - 1,488,000pps  
100Mbps port - 148,000pps  
10Mbps port - 14,880pps

#### Jumbo Frame (K):

9K

### Environment

#### Power Saving:

IEEE 802.3az Energy Efficient Technology: Active Link Detection; Cable Length Detection; Sleep Mode

#### Temperature (°C):

Operating: 0°C ~ 40°C  
Storage: - 40°C ~ 70°C

#### Humidity (Non-condensing):

Storage: 5% ~ 90%  
Operating: 10% ~ 90%

#### Deployment:

Desktop and wall-mountable

## Physical Specifications

Dimensions (W x D x H mm):

149.5 x 89 x 27 mm

Weight (g):

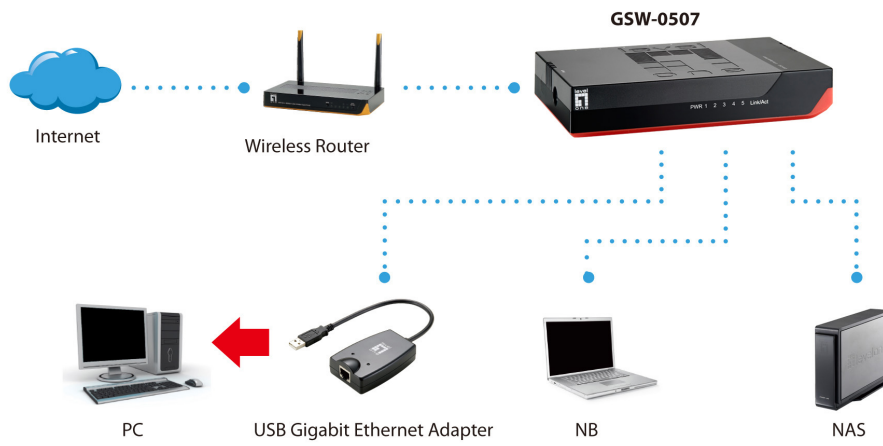
168g

## Approval and Compliance

EMI/EMS:

CE, RoHS, FCC

## Diagram



## Order Information

GSW-0507

## Package Contents

GSW-0507

Power Adapter

Quick Installation Guide

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