

## 5-Port Gigabit Switch

### Product Overview

The LevelOne GSW-0507 is a high-performance 10/100/1000Mbps Gigabit Ethernet switch with 5 Gigabit Ethernet ports. It provides for flexible network architecture where users can utilize a Gigabit LAN network without bandwidth limitations.

### Gigabit LAN Connectivity

The GSW-0507 is ideal for micro-segmenting large networks into smaller, connected subnets for improved performance, enabling the bandwidth demanding multimedia and imaging applications.

It is 1000Base-T compliant and supports full- and half duplex auto-detection modes. It further supports MDI/MDI-X auto crossover and IEEE802.3x flow control.

### Optimized Network Performance

The switch makes use of Store-and-Forward switching for faultless data packet transmissions. It provides 12K bytes jumbo frames for enhances network performance. The GSW-0507 Gigabit Switch is plug-n-play and doesn't require any software installation or configuration.

### Compact Size

The GSW-0507 is hosted in a compact and fan-less metal enclosure for easy use o a desktop or in space limited environments.



**GSW-0507**

## Key Features

- Compact size 5-port Gigabit Network Switch
- Supports MDI/MDI-X auto crossover
- Supports half-duplex and full-duplex auto-detection
- Provides wire-speed packet filtering and data forwarding
- Supports back-pressure and flow control
- Features Store-and-Forwarding architecture
- Supports 1k MAC address entries, 832K bits buffer memory and 12K Jumbo frame rate
- Extensive LED indicators for network diagnostics

## Technical Specification

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### Standard Compliance

#### Compliant

- IEEE802.3
- IEEE802.3u
- IEEE802.3ab
- IEEE802.3x

### Network Interface

#### Ports

- 5x 10/100/1000Mbps RJ-45 switching ports

#### Uplink

- Auto MDI/MDI-X (Auto crossover)

#### Network Speeds

- 10/100/1000Mbps
- Full/Half duplex mode auto detection

#### MAC Address

- 1K MAC entries

#### Buffer Memory

- 832k bits

#### Jumbo Frame

- 9k

### Physical Specifications

#### LEDs

- Power, Link/Activity

#### Operating Temperature

- 0°C ~ 40°C

#### Operating Humidity

- 10% ~ 90% (non-condensing)

#### Dimensions

- 160 X 90 X 29 (mm)

#### Power Supply

- External switching power 5VDC, 1A

### Certification

- CE
- FCC Class A

## Product Diagram

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## Order Information

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**GSW-0507:** 5-Port Gigabit Switch

For more information, please contact your LevelOne representative, or visit [www.level1.com](http://www.level1.com)  
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