level one ®

5-Port Gigabit Ethernet Switch

GSW-0507

H/W Version: 1

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 9K 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 plastic enclosure for easy use o a desktop or in space limited environments.

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

1   2   3

Key Features

- 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 LEDs for network diagnostics
- 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

Works well with

GNC-0105T
32-bit Gigabit Ethernet PCI Adapter

USB-0201
USB Gigabit Ethernet Adapter

Technical Specifications

Standard Compliance
Compliant
IEEE 802.3 , IEEE 802.3u, IEEE802.3ab and IEEE 802.3X

Network Interface
Ports
5x 10/100/1000 Mbps RJ-45 switching ports
Uplink
Auto MDI/MDI-X (Auto crossover)
Network Speeds
10/100/1000 Mbps
Full/Half duplex mode auto detection
MAC Address Database
1,000
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 (L x W x H)
160 X 90 X 29 (mm)
Power Supply
External switching power 5VDC, 1A
Certification
CE
FCC Class A

Product Diagram

GSW-0507

Broadband Router

Internet

NB

PC

Print server

Printer
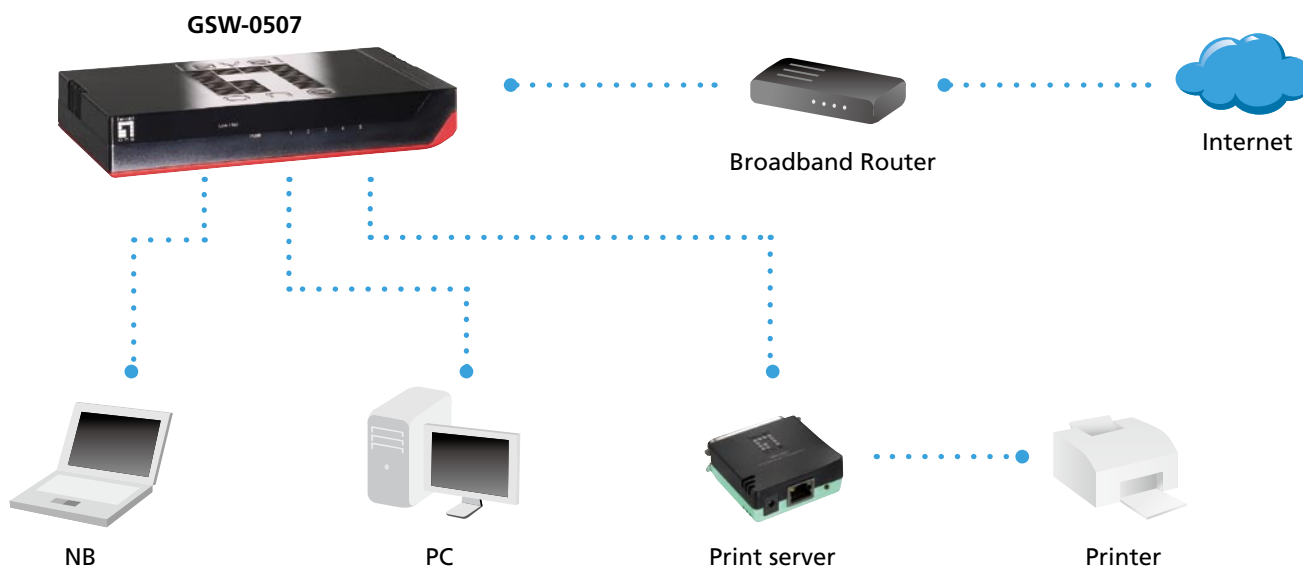
Order Information   **GSW-0507:** 5-Port Gigabit Ethernet Switch

Package Contents   GSW-0507, Power Adapter, User Manual, Wall-Mounting Kit