24-Port Gigabit Ethernet Switch

GSW-2457

H/W Version: 3

Gigabit Speed

The LevelOne GSW-2457 is a 24-port Gigabit Ethernet Switch that gives you a high-performance, low-cost, easy-to-use, seamless upgrade to boost your network to 1000Mbps. Increase the speed of your network backbone to a massive 48Gbps and bring Gigabit speeds all the way to your computers.
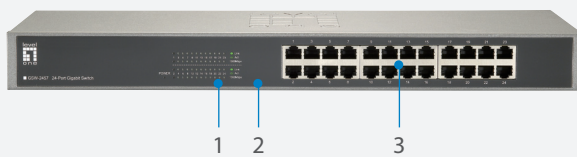
Control Your Network

With an 8K MAC address table, the GSW-2457 has no problems remembering where to send the data packets. Also featuring IEEE 802.3x flow control and

IEEE 802.1p Quality of Service functions so you have greater control over your networks. The switch also supports Auto MDI/MDI-X cable detection on all ports to eliminate the need for crossover or Uplink ports for an easy plug-and-play installation.

Rack Mountable

This 19 inch rack mountable switch with internal power is ideal for the professional office environment.

*Fanless

1   2   3   4

1. Power LED
2. LED Indicators
3. 10/100/1000Mbps RJ-45 Port
4. Power Socket

Key Features

- 10K 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
- QoS control for traffic prioritization and bandwidth management
- Internal power supply
- 19-inch rackmount kit included

Works Well With

USB-0401
USB Gigabit Ethernet Adapter

GNS-1001
1-Bay Gigabit Network Storage

Technical Specifications

Standards
IEEE 802.1p class of service, priority protocols
IEEE 802.3 10-BASE-T (Ethernet)
IEEE 802.3u 100-BASE-TX (Fast Ethernet)
IEEE 802.3ab 1000BASE-T (Gigabit Ethernet)
IEEE 802.3X Flow Control (full-duplex flow control)

Features
MAC Address: 8K
Buffer Memory: 512KB
Transmission Method: Store-and-Forward
Backplane: 48Gbps
Jumbo Frame: 10KB

Filtering/Forwarding Rates
1000Mbps port-1488,000pps
100Mbps port-148,000pps
10Mbps port-14,880pps

Transmission Media
10Base T Cat. 3, 4, 5 UTP/STP
100Base TX Cat. 5 UTP/STP
1000Base TX Cat. 5e/6/7 UTP/STP

Network Interface
24 x 10/100/1000Mbps RJ-45 Ports

LED Indicators
Power, Link / Act, 1000Mbps

Power Input
100-240V AC, 50-60 Hz, 0.6A Internal Power Supply

Power Consumption
18.6W

Dimensions (L x W x H)
440 x 180 x 44 mm

Weight
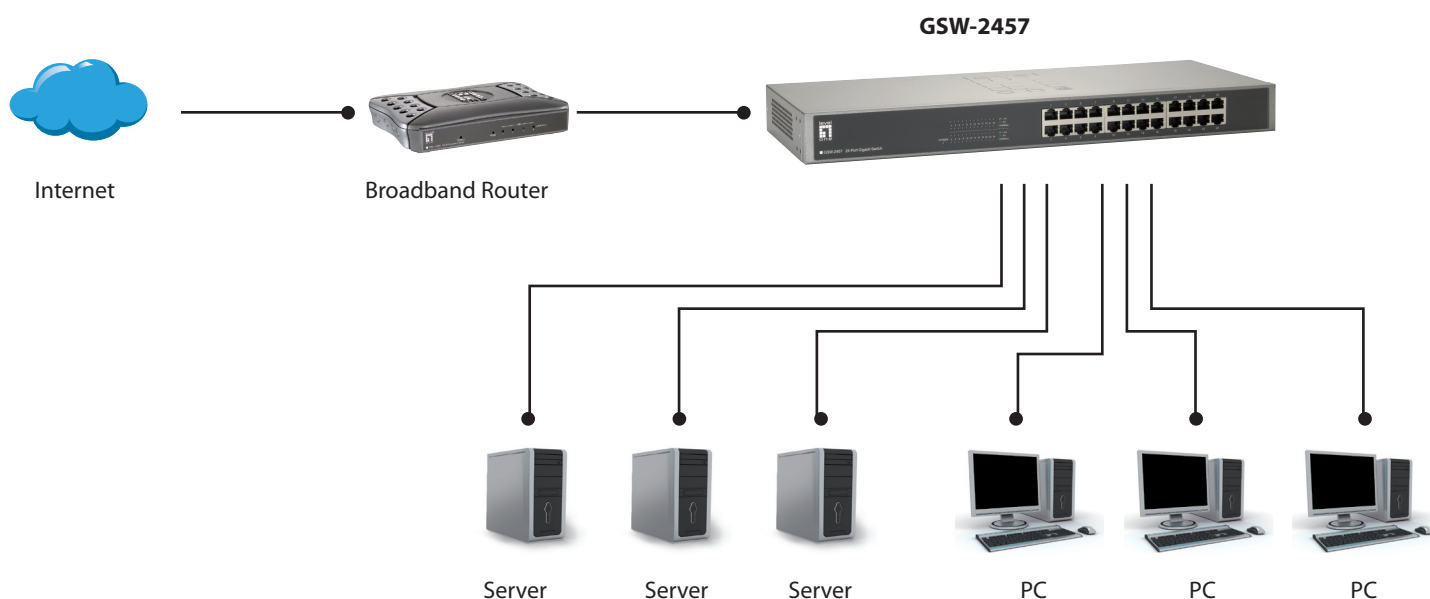1.7kg

Temperature
Operating: 0℃ ~ 45 ℃
Storage: -40℃ ~ 70℃

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

Certifications
FCC, CE

Product Diagram

GSW-2457

Internet   Broadband Router   Server   Server   Server   PC   PC   PC

Order Information   **GSW-2457:** 24-Port Gigabit Ethernet Switch

Package Contents   GSW-2457
Rackmount kit
Power Cord
Quick Installation Guide