



## 24-Port Gigabit Ethernet Switch



GWS-2457

H/W Version: 2

### Gigabit Speed

GWS-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 1000 Mbps. 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 GWS-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.



1. Power LED
2. LAN Port LEDs
3. LAN Ports
4. Internal power socket

### Key Features

- 24-Port Combo Ethernet Switch for high-performance office networks
- Large 48Gbps Switch bandwidth
- Supports Auto-negotiation and Auto-MDI/MDI-X on all ports
- Support 802.1p QoS
- Store-and-Forward switching architecture
- Compiles with 802.3, 802.3u and 802.3ab standards
- Wire-speed packet filtering and forwarding
- 8K MAC Address and 512KB buffer memory
- 19-inch Rack-Mountable

### Works Well With



**GNC-0105T**  
32-bit Gigabit Ethernet  
PCI Adapter



**USB-0201**  
USB Gigabit Ethernet  
Adapter

## Technical Specifications

### Network Interface

#### Standard Compliance

IEEE 802.3	10-BASE-T Ethernet
IEEE 802.3u	100-BASE-TX
IEEE 802.3ab	1000-BASE-T
IEEE 802.3x	Flow Control
IEEE 802.1p	QoS

#### Interface

24 x 10/100/1000Mbps Auto-negotiation, Auto-MDIX ports

#### Protocol

CSMA/CD

#### Switching Method

Store-and-Forward switching architecture

#### MAC Address Table

8K

#### Buffer

512KB

#### LED

Power, Link/ Act , 1000Mbps

#### Power Supply

100-240V ~50/60Hz , 0.6A

#### Power Consumption

18.6W

#### Operating Environment

Temperature: 0 to 40°C

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

Storage: -40°C ~ 70°C

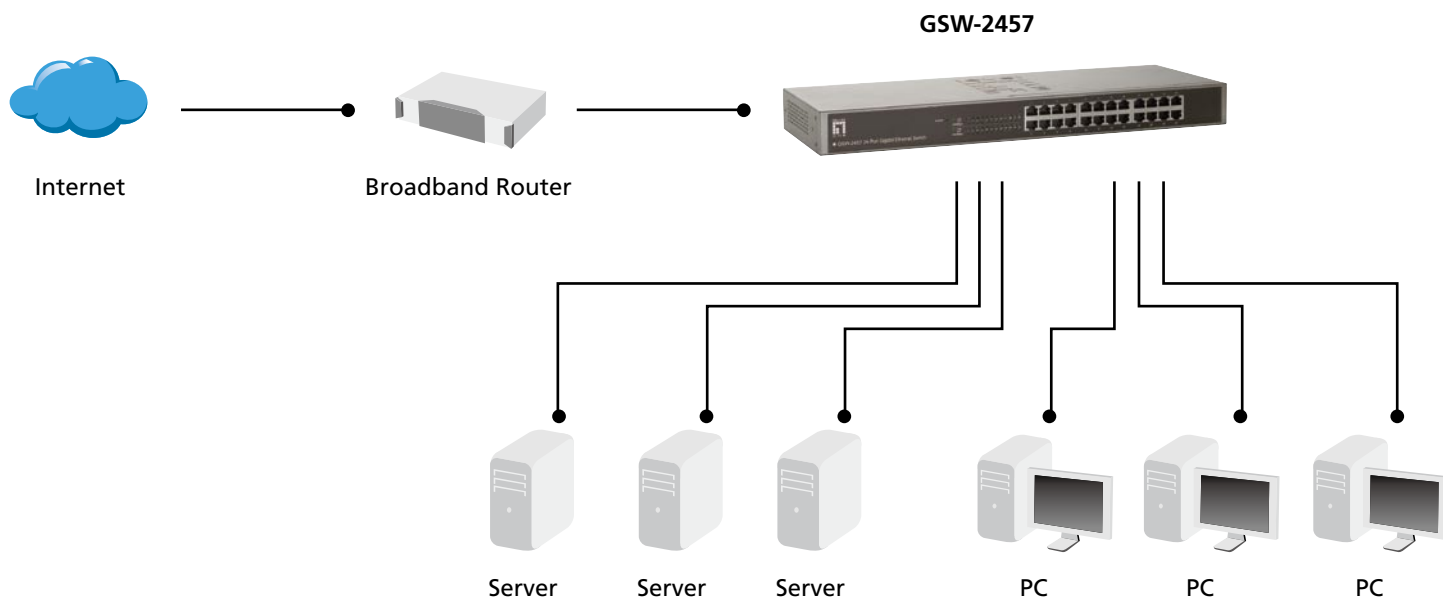
#### Dimensions (L x W x H)

440mm x 180mm x 44mm

#### EMI and Safety

CE/ FCC ClassA

## Product Diagram



## Order Information

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

## Package Contents

GSW-2457  
Power Cord  
Rack-Mount Kit  
User Manual