



# 16-Port Gigabit Ethernet Switch



GWS-1657

H/W Version: 2

## Gigabit Speed

GWS-1657 is a 16-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 32Gbps and bring Gigabit speeds all the way to your computers.

## Control Your Network

With an 8K MAC address table, the GWS-1657 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

- 16-Port Combo Ethernet Switch for high-performance office networks
- Large 32Gbps 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

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

#### Protocol

CSMA/CD

#### Switching Method

Store-and-Forward switching architecture

#### MAC Address Table

8K

#### Jumbo Frame

10KB

#### Buffer

512KB

#### LED

Power, Link/ Act , 1000Mbps

#### Power Supply

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

#### Power Consumption

13.3W

#### Operating Environment

Temperature: 0 to 40°C

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

Storage: -40°C ~ 70°C

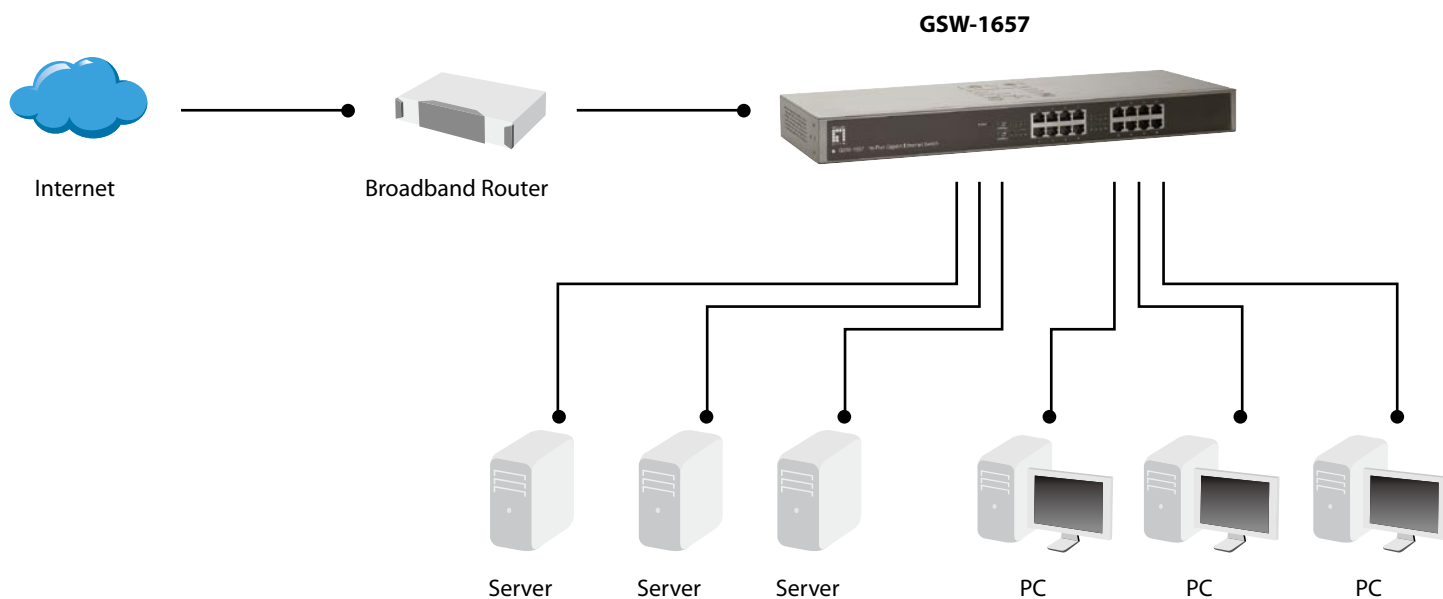
#### Dimensions (L x W x H)

440mm x 180mm x 44mm

#### EMI and Safety

CE/ FCC ClassA

## Product Diagram



## Order Information

### Package Contents

#### GSW-1657: 16-Port Gigabit Ethernet Switch

GSW-1657

Power Cord

Rack-Mount Kit

User Manual