



GEU-0822 Version: 1



## 8-Port Gigabit Ethernet Switch

### Product Overview

The LevelOne GEU-0822 Gigabit Ethernet Switch is designed for reliable high-performance networking. With its non-blocking switching fabric in full-duplex mode, this switch can deliver up to 2000Mbps per port, while the Store-and-Forward service brings low latency and error-free packet delivery. This high-performance Gigabit Ethernet switch is perfect for fulfilling the demands of online gaming and multimedia streaming. Moreover, this switch also supports IEEE 802.3az Energy Efficient Ethernet which helps reduce power consumption.

### Power Saving Features

The GEU-0822 supports IEEE 802.3az Energy Efficient Ethernet to provide power-saving benefits without compromising performance. One way is to automatically detecting the length of connected cables and to adjust power usage by saving energy on shorter cable connections.

### Compact and Stylish Design

The stylish, compact wall-mountable housing of GEU-0822 fits any working environment. It comes with 8 x 10/100/1000Mbps ports to meet SOHO and home network expansion needs.

### Easy to Use

The GEU-0822 features plug-and-play for easy installation. No configuration is required. Autonegotiation on each port senses the link speed of a network device and adjusts for compatibility and optimal performance.



1. LED Indicators
2. 10/100/1000Mbps RJ-45 Port
3. External power socket

### Key Features

- 8 Gigabit Ethernet ports
- 10/100/1000Mbps wire speed transmission and reception
- 9K jumbo frames to increase data transfer rates
- Supports 8K MAC address auto-learning and auto-aging
- Provides wall or desktop mounting
- Minimize carbon footprint with advanced energy efficient technology (IEEE 802.3az)



## Specifications

### System Specifications

**Standards & Protocols:**

IEEE802.3(10BASE-T)

IEEE802.3u(100BASE-T)

IEEE802.3ab(1000BASE-T)

IEEE802.3az Energy Efficient Ethernet

**Memory:**

8Kbit

**Buffer Memory:**

1Mbit

**Connectors and Cabling:**

Full Shielded

**Button:**

NO

**Indicator:**

Power

LINK/ACT

1000M

**Transmission Method:**

Store- forward

### Features

**General:**

8 x 10/100/1000Mbps

### Performance

**Backplane (Gbps):**

16Gbps

**MAC Address Table:**

8K

**Packet Forwarding Rate:**

1488000pps

**Jumbo Frame (K):**

9KB

### Environment

**Power Saving:**

YES

**Temperature (°C):**

0-40°C

**Humidity (Non-condensing):**

10%~90%

### Physical Specifications

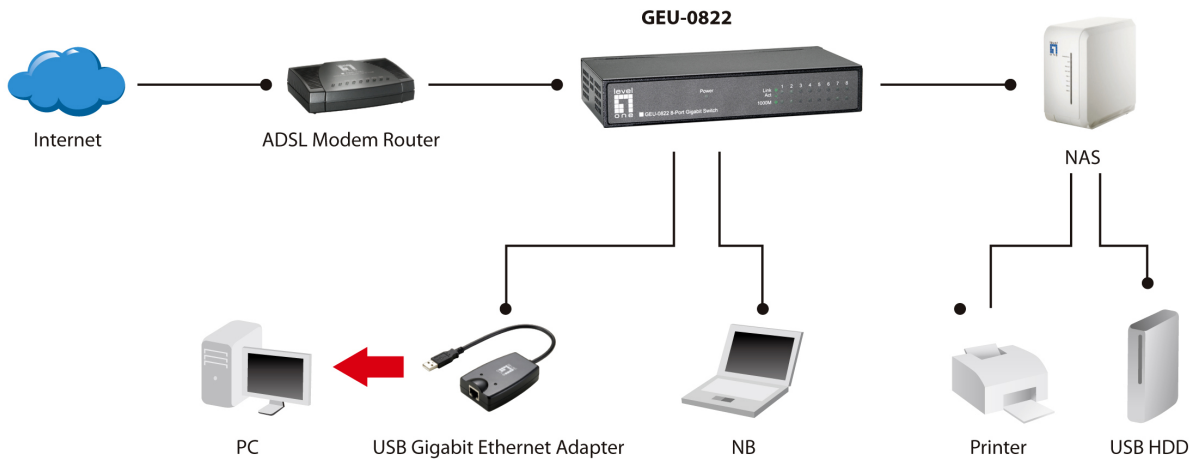
**Dimensions (W x D x H mm):**

137x75x25mm

Weight (g):  
300g

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## Diagram



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## Order Information

GEU-0822

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## Package Contents

GEU-0822  
Power Adapter  
User Manual  
Resource CD (User Manual)

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