



GEU-0521 Version: 2

## 5-Port Gigabit Switch

GEU-0521 is designed to make conversion between 10/100/1000Base-T and 1000Base-SX/LX Fiber Ethernet. The overall network flexibility is enhanced, and the network efficiency is also improved to accommodate and deliver high bandwidth applications. Providing 10Gbps internal switching fabric, the GEU-0521 can handle an extremely large amount of data in a secure topology linking to a backbone or high capacity servers. The GEU-0521 provides 4K MAC address table, 9K bytes JUMBO Frame, and offers wire-speed packet transfer performance without risk of packet loss. The high data throughput of the device makes it ideal for most Gigabit environments, especially for the network to be upgraded to a Gigabit environment.

### Key Features

- 4 Gigabit Ethernet ports and 1 Gigabit SFP slot
- 9K jumbo frames to increase data transfer rates
- 1000Mbps full-duplex, 10/100Mbps full/half-duplex, auto-negotiation, auto-MDI/MDIX
- Supports 1K MAC address auto-learning and auto-aging
- IEEE 802.3x Flow Control protects against lost packets for reliable data transmission
- Provides wall or desktop mounting
- Quick and easy installation

### Specifications

#### System Specifications

##### Standards & Protocols:

IEEE 802.3 10-BASE-T, Ethernet  
IEEE 802.3u 100-BASE-TX, Fast Ethernet  
IEEE 802.3u 100-BASE-FX, Fast Ethernet  
IEEE 802.3ab 1000-BASE-T, Gigabit Ethernet  
IEEE 802.3z 1000-BASE-X, Gigabit Ethernet  
IEEE 802.3x Full-duplex Flow Control  
IEEE 802.3af Power over Ethernet (PoE) (optional)  
IEEE 802.3at Power over Ethernet Plus (PoE+)(optional)

##### Buffer Memory:

1Mbit

##### Connectors and Cabling:

4 x 10/100/1000Base-X RJ-45  
1 x 1000Base-X SFP Slot

**Indicator:**

Power, Link/Act, Speed

**Transmission Method:**

Store-and-Forward

**Power Input:**

100-240V AC, 50-60 Hz, 5V@2A External Power Supply

**Power Consumption:**

< 6W

## Performance

**Backplane (Gbps):**

10Gbps

**MAC Address Table:**

4K

**Data Transfer Rate:**

10/100/1000Mbps

**Packet Forwarding Rate:**

1000Mbps port - 148,8000pps

100Mbps port - 148,800pps

10Mbps port - 14,880pps

**Jumbo Frame (K):**

9700 bytes

## Environment

**Temperature (°C):**

Operating: -10°C ~ 60°C

Storage: - 40°C ~ 85°C

**Humidity (Non-condensing):**

Storage: 5% ~ 90% non-condensing

Operating: 5% ~ 90% non-condensing

## Physical Specifications

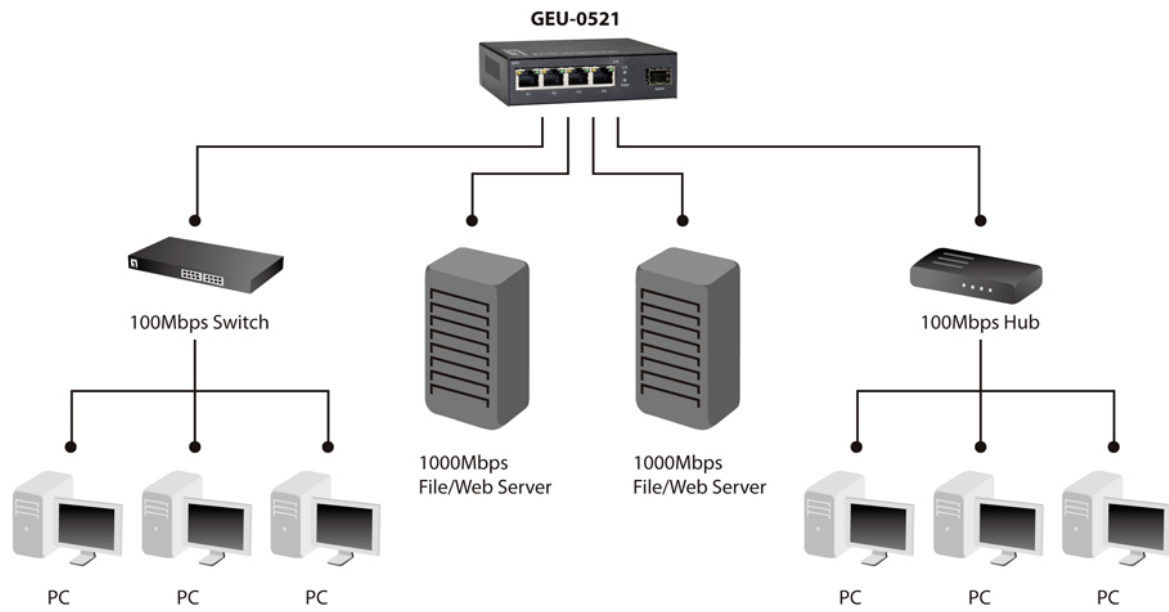
**Dimensions (W x D x H mm):**

112 x 96 x 30mm

**Weight (g):**

380g

## Diagram



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## Order Information

GEU-0521

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## Package Contents

GEU-0521  
Power Adapter  
User Manual

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