5-Port Gigabit Switch

GEU-0520

H/W Version: 1

Product Overview

The LevelOne GEU-0520 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-0520 supports IEEE 802.3az Energy Efficient Ethernet to provide power-saving benefits without compromising performance. One way is t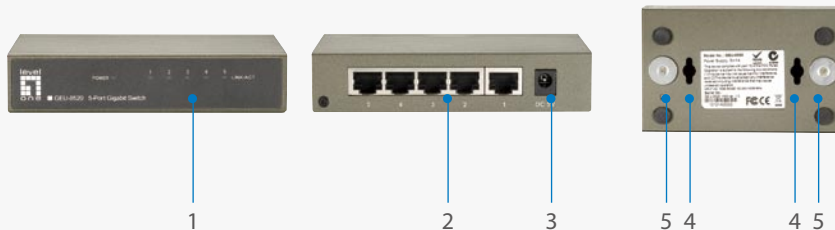o automatically detecting the length of connected cables and to adjust power usage by saving energy on shorter cable connections.

Compact and Stylish Design

The stylish, compact wall-mountable housing of GEU-0520 fits any working environment. It comes with 5 x 10/100/1000Mbps ports to meet SOHO and home network expansion needs. In addition, it has a unique magnet mounting design which allows the GEU-0520 to be installed on any steel or iron surface without the need for brackets.

Easy to Use

The GEU-0520 features plug-and-play for easy installation. No configuration is required. Auto-negotiation 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 Ports
3. External Power Socket
4. Wall-Mountable
5. Magnetic Base

Key Features

- 5 x 10/100/1000Mbps Auto-negotiation Gigabit Ethernet ports
- Auto MDI/MDI-X for each port
- Supports full duplex transfer mode for 1000Mbps
- Supports 8K absolute MAC addresses
- Supports 128KBytes RAM for data buffering
- Supports IEEE 802.3x full-duplex / half-duplex back-pressure flow control
- Supports IEEE802.1p priority queuing Quality of Service
- Supports 9KB Jumbo Frames
- Magnetic base for secure placement on any metal surface
- Supports IEEE 802.3az Energy Efficient Ethernet

Works Well With

USB-0401
USB Gigabit Ethernet Adapter

GNS-2000
2-Bay Gigabit Network Storage

Technical Specifications

Standard Compliance
IEEE802.3 (10BASE-T)
IEEE802.3u (100BASE-T)
IEEE802.3ab (1000BASE-T)
IEEE802.3az Energy Efficient Ethernet
IEEE802.1p QoS

Interface
5 x 10/100/1000Mbps RJ-45 NWay ports
NWay Protocol Support
10/100Mbps: Full-duplex, Half-Duplex
1000Mbps: Full-duplex

MAC Address Table
8K

Jumbo Frame
9K

Buffer Memory
128 KB

LED Indicators
System: Power
Port: Link/Act

Temperature
Operating: 0°C ~ 40°C (32°F ~ 104°F)
Storage: -40°C ~ 70°C (-40°F ~ 158°F)

Humidity
Operating: 10% ~ 90% (non-condensing)
Storage: 5%~90% RH, non-condensing

Dimension (L x W x H)
121 x 74 x 26 mm
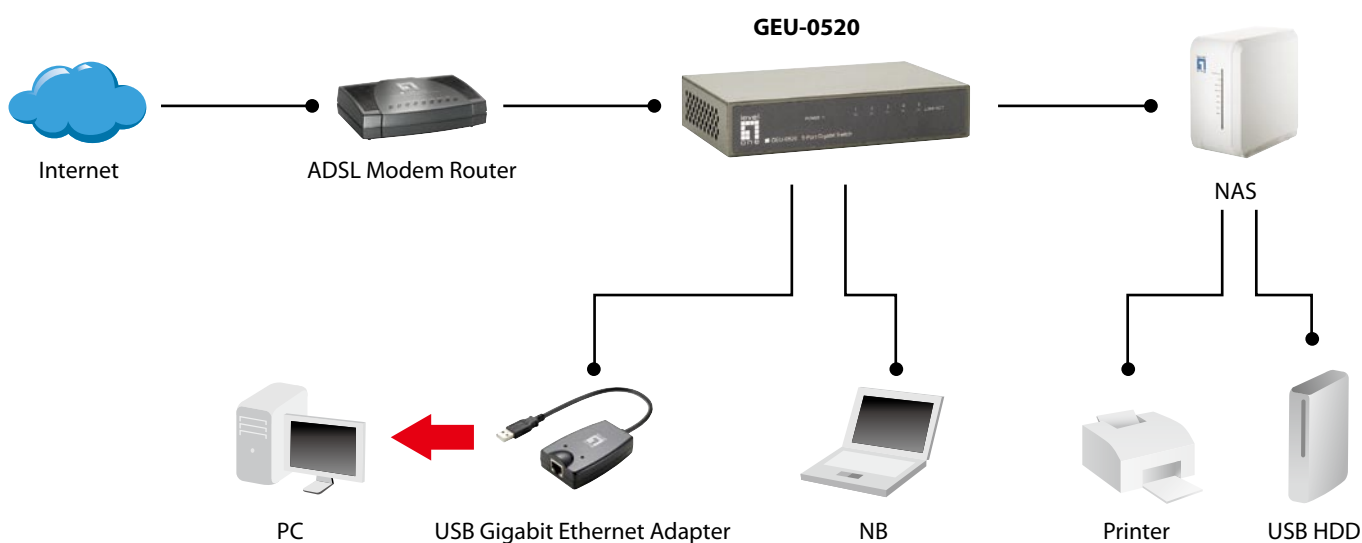
Weight
260g

Power Supply
External power adapter DC 5V /1A

Mounting Design
Wall mountable with Magnet

Emission
FCC, CE, VCCI Class A

Product Diagram

GEU-0520

Internet — ADSL Modem Router — GEU-0520 — NAS

PC ← USB Gigabit Ethernet Adapter   NB   Printer   USB HDD

Order Information   **GEU-0520:** 5-Port Gigabit Switch

Package Contents   GEU-0520

External Power Adapter

Rubber Feet x 4

Wall Mount Kit

QIG Manual