4 GE + 1 GE SFP Switch

GEU-0521

H/W Version: 1

LevelOne GEU-0521 is 5-port SOHO Gigabit Ethernet Switch that is designed for small or medium network environment to strengthen its network connection. This product is compact in size, making it ideal for SOHO users with limited space. This product is easy to install. It is a superb choice for expanding your network.

High-Speed Networking

GEU-0521 provides an excellent solution for expanding your Gigabit network. By Gigabit speed, this product provides high flexibility and high bandwidth connectivity to servers, workstations and other attached devices. It enables you to save time transferring large files.

Auto-MDI/MDI-X

Every port can automatically sense your type of cable, so there is no need for crossover cables whether you are connecting this switch to another switch or to a computer.

Auto-Negotiation

Every port can automatically sense if the connected network devices are running at 10Mbps, 100Mbps or 1000Mbps and Half/Full-Duplex mode, and adjust accordingly.

Non-Blocking

This switch receives and forwards traffic seamlessly with its non-blocking wire-speed. Every port simultaneously supports up to 2000Mbps of bandwidth in full-duplex mode. This feature provides full wire speed to the connected devices and allows you to run a smooth network.

Store and Forward

By this function, this switch can maximize network performance while minimizing the propagation of bad network packets.

1. LEDs
2. 10/100/1000Mbps RJ-45
3. SFP slot
4. AC 100-240V 50/60Hz
5. Wall-Mountable

Key Features

- 4-Port 10/100/1000Mbps + 1-SFP open slot NWay (Auto-negotiation) Switch
- Palm size with metal case
- Auto-learn of networking configurations
- Auto-detect full/half-duplex modes for any port
- Dedicated full-duplex 2000Mbps bandwidth
- Store-and-Forward switching methods
- IEEE 802.3x flow control for full-duplex and back-pressure flow control for half-duplex
- Non-blocking & Non-head-of-line blocking full wire speed forwarding
- Auto-MDI/MDI-X function for any port
- Smart plug & play

Works Well With

GNC-0106T
32/64 bit Gigabit Ethernet PCI Card

USB-0201
USB 2.0 to Gigabit Ethernet Adapter

Technical Specifications

Standards
IEEE 802.3 10BaseT
IEEE 802.3u 100BaseTX
IEEE 802.3ab 1000BaseT
IEEE 802.3z 1000BaseSX/LX
IEEE 802.3x Flow Control

Features
Number of Ports: 5 (4-port RJ-45 + 1-port SFP open slot)
MAC Address: 1K
Buffer Memory: 104KB
Jumbo Frames: 9 KB
Transmission Method: Store and Forward

Filtering/Forwarding Rates
1000Mbps port - 1,488,000pps
100Mbps port - 148,800pps
10Mbps port - 14,880pps

Transmission Media
RJ-45:
10BaseT Cat. 3, 4, 5 UTP/STP
100BaseTX Cat. 5 UTP/STP
1000BaseT Cat. 5E UTP/STP
1000BaseSX:
62.5/125µm Multi Mode Fiber optic cable, up to 220 m
50/125µm Multi Mode Fiber optic cable, up to 550 m
1000BaseLX:
9/125µm Single Mode Fiber optic cable

Led Indicators
Per Port: Link/Act, 1000M
Per Unit: Power

Power Supply
DC5V 2A for EU and AU
DC5V 2.5A for US and UK

Power Consumption
10 Watts (Max)

Dimensions
130 × 77 × 24 mm (L x W x H)

Weight
0.28 kg

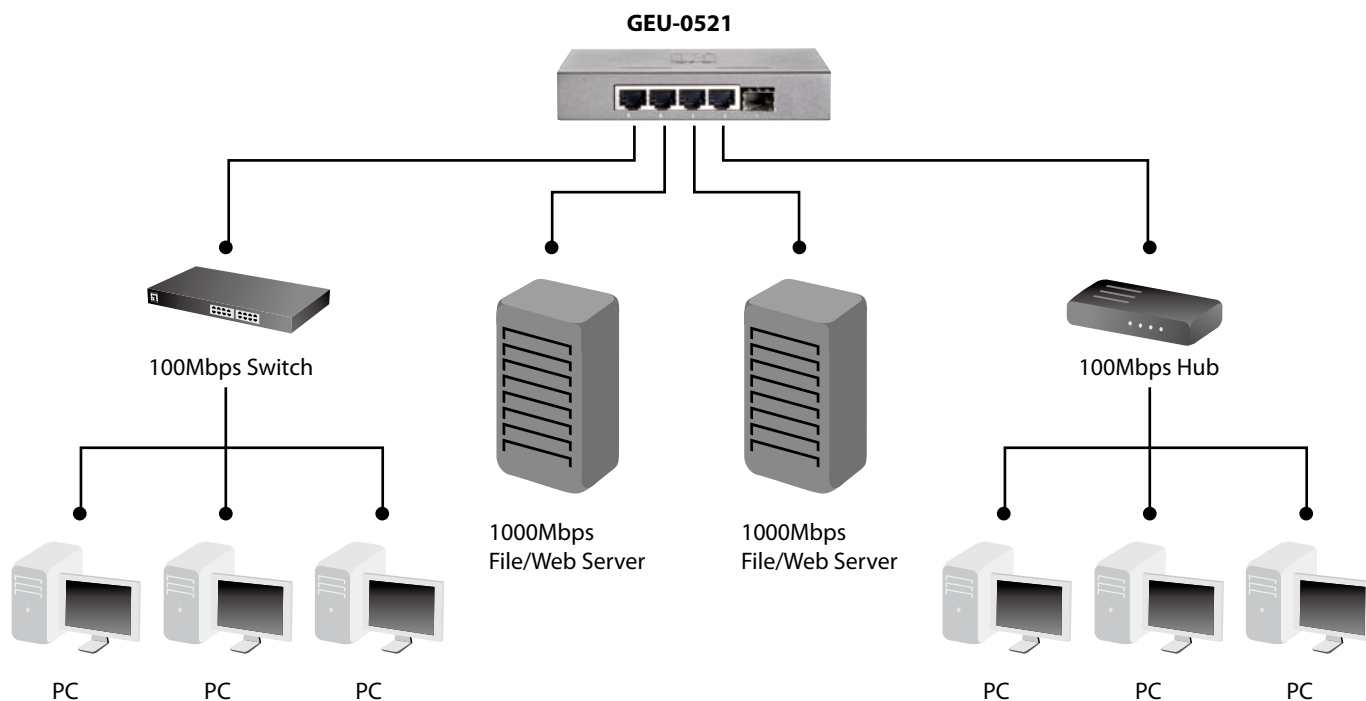### Operating Temperature
0℃ ~ 40℃

Storage Temperature
-20℃ ~ 90℃

Humidity
10% ~ 90% RH (non-condensing)

Certifications
FCC Class B, CE

Product Diagram

GEU-0521

100Mbps Switch

1000Mbps
File/Web Server

1000Mbps
File/Web Server

100Mbps Hub

PC   PC   PC

PC   PC   PC

Order Information	**GEU-0521:** 4 GE + 1 GE SFP Switch
Package Contents	GEU-0521
	Rubber pad
	Power Adapter
	Quick Installation Guide

Optional Accessories

GVT-0300
Mini GBIC SFP transceiver,
SX Multi-Mode (550m)

GVT-0301
Mini GBIC SFP transceiver,
LX Single-Mode (10km)

GVT-0302
Mini GBIC SFP transceiver,
ZX Single-Mode (80km)

SFP-3001
1.25 G transceiver 850nm
VCSEL, SX (MMF 500m),
Duplex LC

SFP-3111
1.25 G transceiver, 1310nm
MLX (MMF 2km), Duplex LC

SFP-3211
1.25 G transceiver , 1310 nm
FP-LD, LX (SMF 10m),
Duplex LC

SFP-3611
1.25 G transceiver , 1550nm
DFB-LD, ZX (SMF 80km),
Duplex LC

SFP-3711
1.25 G transceiver 1550nm
DFB-LD, EZX (SMF 120km),
Duplex LC

SFP-9221
1.25G BIDI, (SM 10km
1310/1550), Simplex LC

SFP-9231
1.25G BIDI, (SM 10km
1550/1310), Simplex LC

SFP-9321
1.25G BIDI, (SM 20km
1310/1550), Simplex LC

SFP-9331
1.25G BIDI, (SM 20km
1550/1310), Simplex LC

SFP-9421
1.25G BIDI, (SM 40km
1310/1550), Simplex LC

SFP-9431
1.25G BIDI, (SM 40km
1550/1310), Simplex LC

V1.0