

## Speed Networks SP1600G 16 Ports Pure Gigabit Ethernet LAN Switch

### Ports

- 16 RJ-45 100/1000Base-TX ports  
(Meet the IEEE 802.3u Type 100Base-TX, IEEE 802.3ab Type 1000Base-T)

### Features

- Easy plug & play device, simple for installation and use
- Non-blocking transmission at 16/1000Mbps copper ports
- Full/Half duplex capabilities
- Support auto-detect of full/half duplex modes in all ports
- Store & forward switching methods

### Fully Flow Control Supported

- Half duplex mode: Zero-packet loss, Back-pressure flow control
- Full duplex mode: IEEE802.3x, Pause frame flow control

### Network Transmission Media

- 10Base-T Cat. 3, 4, 5 UTP/STP
- 100Base-TX/1000Base-T Cat. 5 UTP/STP

### Network Status Monitoring LED

- Per port: LINK1000, ACT
- System: POWER

### Buffer Memory

- Ram: 4Mbits per device
- Ram buffer dynamically allocated for each port

### Filter/Forward Rate

- Packet filtering/forwarding rates (With 64-byte packet size)
- 1000Mbps port: 1,488,100pps
- 100Mbps port: 148, 810pps
- 10Mbps port 14,881pps

### Mac Addresses

- Up to 4K per device

### Power Supply

- 200 ~ 240V/AC, 50 ~ 60Hz

## Power Consumption

- 40 Watts (Max)

## Operation Temperature

- 0°C ~ 40°C

## Store Temperature

- -20°C ~ 70°C

## Humidity

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

## Mechanical Specifications

- Dimension 440mm (L) x 225mm (W) x 44mm (H)
- Weight: 3kg
- 19 inch standard rack-mount size

\* Specification is subject to change without notice