

## GE2512-8P2S

8x 2.5GE and 2x 10G SFP+ and Unmanaged PoE Switch

### Highlights

- 2x 10Gbps SFP+ slots
- 8x 10/100/1000/2500BASE-TX, RJ45 ports
- All ports have wire-speed forwarding capability
- Plug and play
- The ports support self-negotiation function



### Specifications

|                                |                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|--------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Model</b>                   | GE2512-8P2S                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Hardware Specifications</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Power Supply</b>            | DC 53V/2A                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Protocol Standards</b>      | IEEE 802.3, 802.3u, 802.3ab, 802.3bz, 802.3x, 802.3cb, 802.3af, 802.3at, 802.3z                                                                                                                                                                                                                                                                                                                                                              |
| <b>Ports</b>                   | 8x 10/100/1000/2500Mbps RJ45 ports, 2x 10G SFP+ slots                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Indicator Light</b>         | 8x 10/100/1000M/2.5G Link/act, 8x 2.5G Port speed, Power, SFP ports Link/act                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Network Medium</b>          | 10Base-T: UTP category 3, 4, 5 cable (max. 100m)<br>100Base-Tx: UTP category 5, 5e cable (max. 100m)<br>1000Base-T: UTP category 5e, 6 cable (max. 100m)<br>2.5GBase-T: UTP category 5e, 6 cable (max. 100m)<br>1000BASE-SX: 62.5um MMF (2m~275m) or 50um MMF (2m~550m)<br>1000BASE-LX: 62.5um/50um MMF (2m~550m) or 9um SMF (2m~5000m)<br>10GBASE-SR: OM1/OM2/OM3 or above MMF (2m~300m)<br>10GBASE-LR: IEC's B1.1 and B1.3 SMF (2m~10000m) |
| <b>Dimensions</b>              | 218mm x 120mm x 30mm                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>PoE Port</b>                | 8x IEEE 802.3at/af standard PoE ports                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>PoE Pin Definitions</b>     | 1/2(+), 3/6(-)                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>PoE Power</b>               | 86W                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Total Power</b>             | 106W                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Forwarding Mechanism</b>    | Store-and-Forward                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Switching Capacity</b>      | 80Gbps                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Packet Forwarding Rate</b>  | 59.52Mpps                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Jumbo Frame</b>             | 10KBytes                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>MAC Address Table</b>       | 4K                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Environment</b>             | Operating Temperature: 0°C ~45°C<br>Storage Temperature: -40°C ~70°C<br>Operating Humidity: 10%~90% non-condensing<br>Storage Humidity: 5%~95% non-condensing                                                                                                                                                                                                                                                                                |