Navijin

DATASHEET

NETWORK INFRASTRUCTURE / **UNMANAGED POE SWITCH**

# GE2510-24P2S

16-port 1G + 2-port 1G SFP+ Unmanaged Desktop

PRODUCT PAGE

GE2510-24P2S



| 160Gbps | 119.04Mpps | 450W |
|---|---|---|
| SWITCHING CAPACITY | PACKET FORWARDING RATE | TOTAL POE POWER BUDGET |

## Overview

24-port 2.5G + 2-port 10G SFP+ Unmanaged PoE Switch

## Key Features

- 24x 2.5G 802.3af/at PoE(PoE+)
- 2x 10G SFP+ fiber interfaces
- IEEE 802.3x Full-duplex and Back-pressure half-duplex
- All RJ45 ports support IEEE 802.3af/at PoE(30W/250W)
- 160Gbps Switching Capacity
- Support 16K MAC address

## Hardware Specifications

| | |
|---|---|
| **Power Supply** | AC 100-240V 50/60Hz |
| **LED Indicators** | Link-Act / Speed / Power |
| **Dimensions** | 440mm x 190mm x 44.5mm |
| **Ethernet Interface** | 24x 10/100/1000/2500Mbps RJ45 ports |
| **PoE port** | 24x IEEE 802.3at/af Power over Ethernet(Up to 30W) |

| | |
|---|---|
| **Total PoE Power Budget** | 450W |
| **Standards** | IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3bz, IEEE 802.3x, IEEE 802.3cb, IEEE 802.3z, IEEE 802.3at, IEEE 802.3af |
| **Fiber Interface** | 2x 10G SFP+ slots |
| **Twisted Pair Transmission** | 10BASE-T: Cat3,4,5 UTP(≤100m)<br>100BASE-TX: Cat5,5e UTP(≤100m)<br>1000BASE-T: Cat5e,6 UTP(≤100m)<br>2.5GBASE-T: Cat5e, 6 UTP(≤100m)<br>1000BASE-SX: 62.5um MMF(≤275m) or 50um MMF(≤550m)<br>1000BASE-LX: 62.5um/50um MMF(≤550m) or 9um SMF(≤5000m)<br>10GBASE-SR: OM1/OM2/OM3 or above MMF(≤300m)<br>10GBASE-LR: IEC's B1.1 and B1.3 SMF(≤10,000m) |

## Switching Specifications

| | |
|---|---|
| **Transmission Method** | Store-and-Forward |
| **Switching Capacity** | 160Gbps |
| **Packet Forwarding Rate** | 119.04Mpps |
| **Packet Buffer** | 12Mbit |
| **Jumbo Frame** | 12K bytes |
| **MAC Address Table** | 16K |

## Environment Specifications

| | |
|---|---|
| **Operating Temperature** | 0°C ~ 45°C |
| **Operating Humidity** | 10% ~ 90%(non-condensing) |
| **Storage Temperature** | -40°C ~ 70°C |
| **Storage Humidity** | 5% ~ 95%(non-condensing) |

**Warranty & support** Local RMA and technical support through our regional hub in Dubai and our authorized partners. Certificates and project pricing on request. **navijin.com · sales@navijin.com**

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