Navijin

DATASHEET

NETWORK INFRASTRUCTURE / **UNMANAGED POE SWITCH**

GE2512-24P2S

24x 2.5GE and 2x 10G SFP+ Unmanaged PoE

PRODUCT PAGE

GE2512-24P2S



160Gbps	119.04Mpps	400W
SWITCHING CAPACITY	PACKET FORWARDING RATE	POE POWER

Overview

24x 2.5GE and 2x 10G SFP+ Unmanaged PoE Switch

Key Features

- 2x 10Gbps SFP+ slots
- 24x 10/100/1000/2500BASE-TX, RJ45 ports
- All ports have wire-speed forwarding capability
- Plug and play
- The ports support self-negotiation function

Hardware Specifications

Power Supply	AC 100~240V 50/60Hz
Protocol Standards	IEEE 802.3, 802.3u, 802.3ab, 802.3bz, 802.3x, 802.3cb, 802.3af, 802.3at, 802.3z
Ports	24x 10/100/1000/2500Mbps RJ45 ports, 2x 10G SFP+ slots
Indicator Light	24x 10/100/1000M/2.5G Link/act, 24x 2.5G Port speed, Power, SFP ports Link/act

Network Medium	10Base-T: UTP category 3, 4, 5 cable (max. 100m) 100Base-Tx: UTP category 5, 5e cable (max. 100m) 1000Base-T: UTP category 5e, 6 cable (max. 100m) 2.5GBase-T: UTP category 5e, 6 cable (max. 100m) 1000BASE-SX: 62.5um MMF (2m~275m) or 50um MMF (2m~550m) 1000BASE-LX: 62.5um/50um MMF (2m~550m) or 9um SMF (2m~5000m) 10GBASE-SR: OM1/OM2/OM3 or above MMF (2m~300m) 10GBASE-LR: IEC's B1.1 and B1.3 SMF (2m~10000m)
Dimensions	440mm x 290mm x 45mm
PoE Port	24x IEEE 802.3at/af standard PoE ports
PoE Pin Definitions	1/2(+), 3/6(-)
PoE Power	400W
Total Power	450W
Forwarding Mechanism	Store-and-Forward
Switching Capacity	160Gbps
Packet Forwarding Rate	119.04Mpps
Jumbo Frame	12KBytes
MAC Address Table	16K
Environment	Operating Temperature: 0°C ~45°C Storage Temperature: -40°C ~70°C Operating Humidity: 10%~90% non-condensing 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**

Rev. 2026-11. Specifications are subject to change without notice. Navijin and the Navijin logo are trademarks of Navijin Technology Co. All other trademarks are the property of their respective owners. © 2026 Navijin Technology Co. All rights reserved.