

LEGEND^{NX} **LGNX242POEG**

24-Port PoE Gigabit Unmanaged + 2 x BASE-X PORTS



- 300W PoE budget, up to 30W per port
- 250m PoE extension for long-range deployments
- 52Gbps switching for fast and stable data flow
- ESD & 4KV surge protection for enhanced reliability
- Built-in power supply with low power consumption
- Plug & Play, auto MDI/MDIX for effortless setup



In short

The LGNX242POEG is a 24-Port PoE Gigabit Unmanaged Switch designed for high-performance and reliable networking. With 24 PoE+ RJ45 ports (30W max each) and 2 Gigabit SFP uplinks, it delivers a 52Gbps switching capacity, 300W PoE budget, and supports VLAN and store-and-forward switching. Featuring built-in surge and ESD protection and PoE extension up to 250m, it ensures stable operation in rack-mount installations, functioning within a -10°C to 50°C range.

*Design and specifications are subject to change without notice.

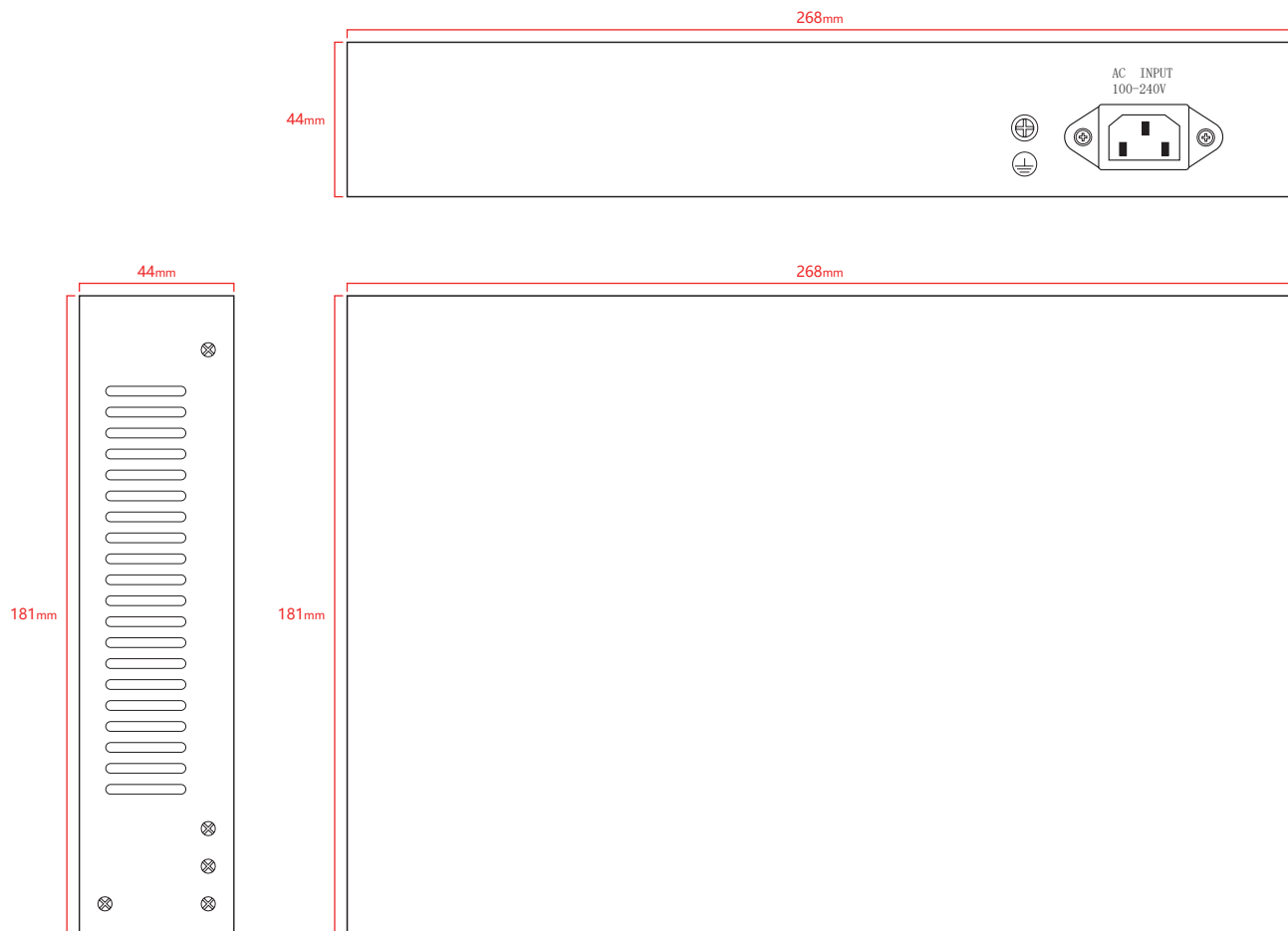
Technical Specifications

Product	24-Port PoE Gigabit Unmanaged + 2 x BASE-X PORTS
Ports	
Total Network Ports	26
PoE Port	24 x 10/100/1000Mbps; RJ45 ports; Max. 30W Output of Single PoE Port
Uplink interfaces	2x1000Mbps SFP ports
Power indicator (PWR)	On: Power On Not Illuminated: Power Off
Link/Activity status indicator	On: Link Disconnected Off: Link Connected Flashing: Data Transmission in Progress
1000M Indicator	Off: 10/100Mbps On: 1000Mbps
Standard	
Network Protocols	IEEE802.3/802.3u/802.3ab/802.3z/802.3x
Performance	
Switching Capacity	52Gbps Full duplex
Forwarding Rate	38.68Mpps
Packet Buffer size	4Mb
Transmission Mode	Store-and-Forward
MAC Address Table Capacity	8K entries
VLAN Supported	Yes
Power Over Ethernet	
PoE Standards	I IEEE802.3af / IEEE802.3at
PoE Power Supply	1/2(+),3/6(-)
Transmission Distance	0-100m/1000Mbps or Port 17-24 Max. 250m/10Mbps via Cat.5e or more under Extend mode
PoE Features	All ports support MDI/MDIX

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General	
Power Source	Built-in Power Supply, Input: 110-240V AC, 50/60Hz
PoE Power Budget	300W
Power Consumption	<5W
ESD Protection	Air discharge: 8KV Contact Discharge: 6KV
Surge Protection	Common Mode (RJ45 Port): 4KV Differential Mode (RJ45 Port): 2KV Common Mode (Power Board): 4KV Differential Mode (Power Board): 2KV
Operating conditions	-10°C to 50°C, 10%-95% humidity, non-condensing
Storage conditions	-40°C to 70°C
Color	Black
Weight	2.85kg (excluding input cable & packaging)
Dimensions (L x W x H)	440 × 204 × 44mm

Dimensions



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