

12-Port Gigabit PoE Switch



Product Highlights:

- 8 *1G PoE ports+2* 1G RJ45 ports+2* 1G SFP ports;
- Compliant with IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3z, and IEEE 802.3x standards;
- RJ45 port supports 10M/100M/1G adaptation;
- PoE port in Extend mode, 7-8 ports force 10Mbps to automatically activate PoE watchdog mode;
- PoE priority is enabled by default, with priority order from 1 to 8 ports
- Flow control method: IEEE 802.3x standard is used for full duplex, and Back pressure standard is used for half duplex;
- The panel indicator LED will monitor the working status and assist in fault analysis;
- Support Extend mode;

Hardware Features:

Description	Specification
Model	POE-822NSP-AT
Interface	8* 1G PoE ports 2 *1G RJ45 port 2 *1G SFP port
Port Standard	IEEE802.3 (Ethernet) IEEE802.3u (Fast Ethernet) IEEE802.3ab (Gigabit Ethernet) IEEE 802.3z (Gigabit Ethernet Fiber Standard) IEEE802.3x (Flow Control)
Bandwidth	24Gbps
Packet Forwarding Rate	17.856Mpps
Packet Buffer	3Mbit
MAC Address Table	2K
Transmission Method	Store and Forward
PoE Standard	IEEE802.3af (15.4W) IEEE802.3at (30W)
PoE Port Output Voltage	DC 44-57V
PoE Ports	Port 1-8 PoE power output <30W
PoE Power Budget	110W
Operating Temperature	0~40°C
Storage Temperature	-40 °C to 70 °C
Operation Humidity	10%~90%, non condensing
Storage Humidity	5%~95%, non condensing
Power Supply	AC 100-240V 50/60Hz DC 52V 2.3A
Mainboard Power Consumption	6.7W



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Technical Data Sheet

Structure Information	Product Dimensions:220*161*44.5mm Packaging Dimensions: 315*215*85mm Product Net Weight:0.92KG Product Gross Weight:1.22KG
Packing Information	Carton Dimensions :445*445*335mm Packing Quantity: 10PCS Packing Weight: 13.2KG
Description	Specification
Surge Protection	Surge protection: common mode 4KV, differential mode 2KV; Electrostatic ESD: Air 8KV, Contact 6KV (Class C)
Package Contents	Switch 1pcs, power cord 1pcs, manual 1pcs, certificate of qualification 1pcs
Fan Quantity	0
Installation	Desktop
PWR LED	Green LED On: Powered on Green LED Off: Powered off
1-12 LED	Green LED On: Link normal Green LED Off: Link blocked Flashing: Data transmitting
Extend Mode Button	OFF: Normal mode, all interfaces can communicate with each other, transmission distance is within 100 meters, transmission rate is 10/100/1000Mbps adaptive, and port PoE watchdog mode turned off; ON: Link extension mode, 7-8 port data transmission distance can be extended to 250 meters, transmission speed is 10Mbps, and enable PoE watchdog mode on ports;

Product Structure Diagram:

