

Web Managed PoE Switch

NB-GS1602FP+



FEATURES

- 16× gigabit PoE+ ports and 2× gigabit SFP
- Supports PoE power up to 30W for each PoE port, all power up to 300W
- IEEE 802.3af/at PoE standards
- Support Port Isolation
- Store and forward mode operates
- Support 802.1q VLAN
- Support Port-Based/802.1p/DSCP priority QoS
- Support Storm Control
- Web-based user interface
- LED indicators for monitoring power, link/activity



NB-GS1602FP+ is NEWBRIDGE self-developed full Gigabit Web managed ring PoE switch. The switch has 16* 10/100/1000Mbps PoE+ ports + 2* 1000Mbps SFP Slot, where 1-16 100/1000 Mbps downlink power ports all support powering PoE network cameras via UTP Category 5 and above unshielded twisted pair cables. 16 10/100/1000Mbps adaptive RJ45 downlink ports all support 802.3af/at standard PoE power supply. The maximum PoE output power of the whole machine is 300 W, and the maximum power supply power of individual ports is 30W.

NB-GS1602FP+ supports WEB management, supports a variety of ring network protocol STP/RSTP (<50ms) to improve link backup and network reliability, reduce the number of times of fused fibre and network nodes, improve the efficiency of the construction, when the one-way network failure, you can quickly restore communications, to ensure that the important transmission of uninterrupted communication. It can achieve security network topology management, link aggregation, port management, port mirroring and remote operation and maintenance. The switch is highly reliable, easy to install and maintain, with fast switching function and multiple access ports, suitable for accessing LAN equipment of various scales. It is suitable for hotels, campuses, parks, supermarkets, scenic spots, factory dormitories and SMB small and medium-sized enterprises to set up cost-effective networks.

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Specifications

NB-GS1602FP+	
Protocol Standards	IEEE802.3 10BASE-T;IEEE802.31 10BaSe-T: IEEE802.3u100Base-TX ; IEEE802.3ab 1000Base-T IEEE802.3z 1000Base-X;
Ports	16×10/100/1000Mbps RJ45 PoE ports +2×1000Mbps SFP ports
Indicators	Per Device Power, System
	Per Port Link/Activity,
PoE Standard	IEEE 802.3af/at
PoE Power Supply	1/2 + ,3/6- ;4 core power supply
PoE Power	af=15.4W,at=30W for each port
Power input	AC:100~240 50-60Hz
Fan Quantity	Fanless
Performance	Store-and-forward support
Switching Capacity	36Gbps
Packet Buffer Memory	2Mbits
Throughput	26.784Mpps
MAC Table	8K
Dimensions	310mm*183mm*45mm
Installation	Guide rail/wall mount
Environment	Operating Temperature: -20℃ ~55℃ Storage Temperature: -40℃ ~80℃ Operating Humidity: 5%~90% non-condensing Storage Humidity: 5%~95% non-condensing

Port Management	-Support port status display -Support port traffic statistics -Support port duplex/negotiation rate configuration -Support IEEE802.3x flow control configuration (full duplex)
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	- Supports EEE energy saving and Green Ethernet features
VLAN	Supports port-based IEEE802.1QLAN configuration
Port aggregation	Supports static aggregation
loop protection	Support loop protection function, support anti-loop function
Multicast	Supports IGPSnoopingv1/v2 and up to 256 multicast groups.
mirroring	Supports mirroring in the base port stream
Qos	Supports Diff-Serv Qos Supports 8 output queues per port Supports 802.1p/DSCP priority mapping Supports Priority Mark/Remark
Safety features	Supports broadcast storm suppression Support port speed limit Support port isolation
DHCF	Supports DHCP Snooping
Management	Support WEB Managed(HTTPS) Support one-click restore

Order Information

Part No	Description of product	Unit
NB-GS1602FP+	2*1000M SFP slot, 16*10/100/1000 Base-Tx web managed PoE Switch ,PoE Standard: IEEE 802.3af/at.	pc



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