# Web Managed PoE Switch

## NB-GS1622FP+

**NEWBRIDGE**®

## FEATURES

- 16×Gigabit PoE+ ports and 2×Gigabit Uplink ports+2*Gigabit SFP Slot
- 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-GS1622FP+ is NEWBRIDGE self-developed full Gigabit Web managed ring PoE switch.The switch has 16* 10/100/1000Mbps PoE+ ports + 2* 10/100/1000Mbps Uplink ports and 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-GS1622FP+ 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.

## Specifications

| NB-GS1622FP+ | | |
|---|---|---|
| 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*10/100/1000Mbps Uplink 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 | 40Gbps | |
| Packet Buffer Memory | 4Mbits | |
| Throughput | 29.76Mpps | |
| 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 | |

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| Port Management | −Support port status display −Support port traffic statistics −Support port duplex/negotiation rate configuration |

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| | –Support IEEE802.3x flow control configuration (full duplex) |
| | –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-GS1622FP+ | 2*1000M SFP slot, 2*10/100/1000Mbps Uplink ports,16*10/100/1000 Base-Tx web managed PoE Switch ,PoE Standard: IEEE 802.3af/at. | pc |