



Accessories

10G Module

EM-412



- 2-slot CX4 10G module
- Extended 10G module of MI-7526F/XGS-4528F/XGS-4526

EM-422



- 2-slot XFP 10G fiber module
- Extended 10G module of MI-7526F/XGS-4528F/XGS-4526 (requires purchase of 10G XFP transceivers)

Media Converter

MC1000-SFP-FP



- 1000Base-T RJ-45 to Gigabit fiber
- Fiber protection mechanism
- 1 mini-GBIC SFP slot for flexible choice of SFP
- Multimode and singlemode supported
- Up to 80 km reach (depends on mini-GBIC SFP)
- Max. power consumption: 9.6 watt
- Dimensions: 194 (W) x 129 (D) x 25 (H) mm

MC100FX-SC30-A



- 10/100Base-TX RJ-45 to 100FX singlemode
- For use with singlemode Fiber, SC connector
- Up to 30 km reach
- Max. power consumption: 2.4 watt
- Dimensions: 74 (W) x 110 (D) x 24 (H) mm

MC100FX-SC2-A



- 10/100Base-TX RJ-45 to 100FX multimode
- For use with multimode fiber, SC connector
- Up to 2 km reach
- Max. power consumption: 2.4 watt
- Dimensions: 74 (W) x 110 (D) x 24 (H) mm

PoE Injector

POE-12



- IEEE 802.3af 15.4 watt PoE injector
- Fanless design, noiseless
- Max. power consumption: 17.3 watt

Backup Power System

BPS-120



- Up to 6 switches from the 4500/4000/3000 series can be connected to one BPS-120
- Provides power to one switch without traffic or user interruption or switch rebooting in the event of a switch internal power supply failure
- Temperature, power and fan speed monitoring
- Max. power consumption: 180 watt/613 BTU/hr
- Dimensions: 440 (W) x 270 (D) x 44.45 (H) mm



External PoE Power

PPS250



- RoHS compliant, green product
- Provision of more/external PoE power budget (225 W)

SFP Transceiver



- Industry standard compliance
- SFP MSA (Multi-Source Agreement) compliance
- Hot-pluggable with maximum flexibility
- Compact size, high port density
- Low power dissipation
- Support DDMI (Digital Diagnostics Monitoring Interface) features

Specifications

| Transceiver Class | 10 Gigabit XFP | | | Gigabit SFP | | | | | | Fast Ethernet SFP | | | | | |
|---------------------------|---------------------|---------------------|------------------------|-------------|----------|-------------|------------------------------|------------------------------|------------------|-------------------|-------------|-----------|--------------|------------------------------|------------------------------|
| | FTLX8511D3 (XFP-SR) | FTLX1611M3 (XFS-ER) | FTLX1412D3BCL (XFP-LR) | SFP-1000T | SFP-SX-D | SFP-LX-10-D | SFP-BX1310-10-D | SFP-BX1490-10-D | SFP-LHX1310-40-D | SFP-ZX-80-D | SFP-100FX-2 | SFP-100TX | SFP-100LX-20 | SFP-1000X1310-20-D | SFP-1000X1550-20-D |
| Connector | LC | LC | LC | RJ-45 | LC | LC | LC | LC | LC | LC | RJ-45 | LC | LC | LC | LC |
| Wavelength | 850 nm | 1550 nm | 1310 nm | - | 850 nm | 1310 nm | 1310 nm (TX) 1490 nm (RX) | 1490 nm (TX) 1310 nm (RX) | 1310 nm | 1550 nm | 1550 nm | - | 1310 nm | 1550 nm (TX) 1310 nm (RX) | 1550 nm (TX) 1310 nm (RX) |
| Max Transmission Distance | 300 m | 40 km | 10 km | 100 m | 550 m | 10 km | 10 km | 10 km | 40 km | 80 km | 2 km | - | 20 km | 20 km | 20 km |
| Support DDMI Features | Yes | Yes | Yes | - | Yes | Yes | Yes | Yes | Yes | Yes | - | - | - | Yes | Yes |

For more product information, visit us on the web at www.ZyXEL.com

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65-100-0000668 02/10



LAN Switches Quick Sales Guide



Modular Switch Quick Finder

- Max. 384 Gbps non-blocking switching fabric, 286 Mpps forwarding rate
- 6 slots (two for management and four for I/O modules), 10U height hardware architecture
- Hot-swappable I/O modules, power supply and fan trays secure network reliability along with easy operation and maintenance
- Intelligent QoS and traffic control for enhanced availability
- Extended L3 routing and L2 switching functions for highest performance



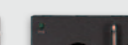
MS-7206S
Switch chassis with 6 slots, including fan module (MF-7201)

MS-7206 PoE starter kit
consists of: 1x MS-7206S, 1 x MI-7248PWR, 1 x MM-7201, 1 x MP-7201, 1 x MP-7202

MS-7206 fibre starter kit
consisting of: 1 x MS-7206S, 1 x MI-7248TF, 1 x MM-7201, 1 x MP-7201



MI-7526F
20 x 1 Gbit SFP slots, 4 x Gbit dual personality port (Base-T/SFP), and 1 x 2-port 10 Gbit open slot I/O module for MS-7206S



MP-7201
Power supply module 600 W, for MS-7206S



MF-7201
Fan module for MS-7206S



MPC-7202
Connecting module for external PoE power supply



MM-7201
Switch fabric and management module for MS-7206S



MI-7248TF
24 x 1 Gbit-Base-T port and 24 x 1 Gbit SFP slots I/O module for MS-7206S



MP-7202
External PoE supply with 750 W, for MS-7206S



MI-7248
48 x 1 Gbit-Base-T port I/O module for MS-7206S



MI-7248PWR
48 x 1 Gbit-Base-T port I/O module with Power over Ethernet support for MS-7206S



EM-412
2 port CX4 module



EM-422
2 port XFP module

| | | | |
|-----------------------------|---|--|--|
| System Capacity | <ul style="list-style-type: none"> Switch Fabric Slot: 2 I/O Module Slot: 4 Power Supply Unit Slot: 2 Fan Module Slot: 1 | | |
| Performance | <ul style="list-style-type: none"> Switching Fabric: 384 Gbps Forwarding Rate: 286 Mpps | | |
| Max Port Density | <ul style="list-style-type: none"> 1000Base-T: 192 1000Base-T with PoE: 192 (4 x MI-7248PWR) 1000 SFP: 96 10G: 8 (4 x MI-7526F + 4 EM-412/EM-422) | | |
| Resilience and Availability | <ul style="list-style-type: none"> IEEE 802.1D STP/802.1w RSTP/802.1s MSTP Redundant Power supply support Switch Fabric High Availability | <ul style="list-style-type: none"> VRRP MRSTP Dual Configuration Files | <ul style="list-style-type: none"> Swappable Fan module IEEE 802.3ad LACP (max # trunks/links per trunk): 24/8 |
| Traffic Control | <ul style="list-style-type: none"> 4K static VLAN/4K dynamic VLAN 802.1ad VLAN Stacking (QinQ) BPDU Transparency GVRP VLAN Trunking | | |
| Security | <ul style="list-style-type: none"> 802.1x Intrusion Lock MAC Filtering MAC Freeze | <ul style="list-style-type: none"> Port Isolation Port Security SSH v1/v2 SSL | <ul style="list-style-type: none"> Static MAC Forwarding ACL (L2/L3/L4) Security Filtering |
| Management | <ul style="list-style-type: none"> iStacking Web Interface CLI Syslog Daylight Saving | <ul style="list-style-type: none"> RMON (1, 2, 3, 9) Port Mirroring NTP DHCP Relay per VLAN RJ-45 Out-of-band Management Port | <ul style="list-style-type: none"> DHCP Option 82 DHCP Client (Management) RS-232 Out-of-band Console Port SNMP v1, v2c, v3 802.3af PoE Support Jumbo Frame Support on Gigabit Ports |



Fixed-Port Switches Quick Finder

| Management | Series | Port Type | Model Name | Image | |
|-------------|-----------------|----------------------------------|---------------|---------|--|
| L3 Managed | 4500 Series | Gigabit Ethernet with 10G Uplink | XGS-4526 | | |
| | | | XGS-4528F | | |
| | 4000 Series | Gigabit Ethernet | GS-4024 | | |
| | | Fast Ethernet | ES-4124 | | |
| L2 Managed | 2200 Series | Gigabit Ethernet | GS2200-24 | | |
| | | | GS2200-24P | | |
| | | | GS2200-48 | | |
| | 3000 Series | Fast Ethernet | ES-3124 | | |
| | | | ES-3124PWR | | |
| | | | ES-3148 | | |
| | | | ES-2024A | | |
| | 2000 Series | Fast Ethernet | ES-2024PWR | | |
| | | | ES-2108 | | |
| | | | ES-2108-G | | |
| Web Managed | 1500 Series—PoE | Gigabit Ethernet | GS1500-24P | | |
| | | | GS-1524 | | |
| | 1500 Series | Gigabit Ethernet | GS-1548 | | |
| | | | Fast Ethernet | ES-1528 | |
| | | | | ES-1552 | |
| Unmanaged | 1100 Series | Gigabit Ethernet | GS1100-16 | | |
| | | | GS1100-24 | | |
| | 1000 Series | Gigabit Ethernet | GS-1116A | | |
| | | | GS-1124A | | |
| | | | GS-1124B | | |
| | 100 Series | Fast Ethernet | ES-1024B | | |
| | | | ES-1124 | | |
| | | | ES-116P | | |
| | | | ES-124P | | |

| Model Name | Ports | Key Features |
|------------|--|--|
| XGS-4526 | 20-port 1000Base-T 4 dual personality GbE ports 1 optional 2-port 10G open slot | <ul style="list-style-type: none"> Slot for 2-port 10 Gbit module Extended L3 routing and L2 switching functions for highest performance Multilayer-aware (L2/L3/L4) ACL for Security Protection and Traffic Optimization Port Security and Enhanced 802.1x Port Authentication 8 IEEE 802.1p hardware priority queues BPS support |
| XGS-4528F | 24 dual personality GbE ports 2 12G stacking ports 1 optional 2-port 10G open slot | <ul style="list-style-type: none"> High-Performance wire-speed switching and IP routing High-security for business-critical applications Advanced routing protocol (OSPF, RIP, VRRP and DVMP) High redundancy and resilience architecture with RSTP, VRRP and Port Trunking |
| GS-4024 | 20-port 1000Base-T 4 dual personality GbE ports | <ul style="list-style-type: none"> Empowering Converged Network for SME Secure Multi-Service Delivery Quality Enhanced Multi-layer Security Protection Advanced routing protocol (OSPF, RIP, VRRP and DVMP) |
| ES-4124 | 24-port 10/100Base-TX 2-port 1000Base-T 2 dual personality GbE ports | <ul style="list-style-type: none"> Port security and enhanced 802.1x port authentication MAC freeze and intrusion lock 8 IEEE 802.1p hardware priority queues WFQ, WRR and SPQ queuing algorithms MVR and IGMP snooping for IP multicasting optimization Easy Web GUI for intelligent PoE management (only GS2200-24P) |
| GS2200-24 | 24-port 1000Base-T 4 dual personality GbE ports | <ul style="list-style-type: none"> Port security and enhanced 802.1x port authentication MAC freeze and intrusion lock 8 IEEE 802.1p hardware priority queues WFQ, WRR and SPQ queuing algorithms MVR and IGMP snooping for IP multicasting optimization Easy Web GUI for intelligent PoE management (only GS2200-24P) |
| GS2200-24P | 24-port 1000Base-T PoE 4 dual personality GbE ports | <ul style="list-style-type: none"> Port security and enhanced 802.1x port authentication MAC freeze and intrusion lock 8 IEEE 802.1p hardware priority queues WFQ, WRR and SPQ queuing algorithms MVR and IGMP snooping for IP multicasting optimization Easy Web GUI for intelligent PoE management (only GS2200-24P) |
| GS2200-48 | 44-port 1000Base-T PoE 2 GbE SFP open slot 4 dual personality GbE ports | <ul style="list-style-type: none"> Port security and enhanced 802.1x port authentication MAC freeze and intrusion lock 8 IEEE 802.1p hardware priority queues WFQ, WRR and SPQ queuing algorithms MVR and IGMP snooping for IP multicasting optimization Easy Web GUI for intelligent PoE management (only GS2200-24P) |
| ES-3124 | 24-port 10/100Base-TX 2-port 1000Base-T 2 dual personality GbE ports | <ul style="list-style-type: none"> Robust High-Availability system design Strengthened service management and control IEEE 802.1x MSTP and IEEE 802.1w RSTP enable fast recovery networks Policy-based QoS empowered by (L2/L3/L4) ACL VLAN Stacking (Q-in-Q) support for L2VPN Backup Power System (BPS) extends network up time Easy Web GUI for intelligent PoE management (only ES-3124PWR) |
| ES-3124PWR | 24-port 10/100Base-TX PoE 2-port 1000Base-T 2 dual personality GbE ports | <ul style="list-style-type: none"> Robust High-Availability system design Strengthened service management and control IEEE 802.1x MSTP and IEEE 802.1w RSTP enable fast recovery networks Policy-based QoS empowered by (L2/L3/L4) ACL VLAN Stacking (Q-in-Q) support for L2VPN Backup Power System (BPS) extends network up time Easy Web GUI for intelligent PoE management (only ES-3124PWR) |
| ES-3148 | 48-port 10/100Base-TX 2-port 1000Base-T 2 dual personality GbE ports | <ul style="list-style-type: none"> Port-based and 802.1Q-tagged VLAN (4K PVID) MAC filtering, freeze and specific MAC forwarding Port security and enhanced 802.1x port authentication WFQ Queuing Algorithms MVR and IGMP snooping for IP multicasting optimization Easy Web GUI for intelligent PoE management (only ES-2024PWR) |
| ES-2024A | 24-port 10/100Base-TX 2 dual personality GbE ports | <ul style="list-style-type: none"> Port-based and 802.1Q-tagged VLAN (4K PVID) MAC filtering, freeze and specific MAC forwarding Port security and enhanced 802.1x port authentication WFQ Queuing Algorithms MVR and IGMP snooping for IP multicasting optimization Easy Web GUI for intelligent PoE management (only ES-2024PWR) |
| ES-2024PWR | 24-port 10/100Base-TX PoE 2 dual personality GbE ports | <ul style="list-style-type: none"> Port-based and 802.1Q-tagged VLAN (4K PVID) MAC filtering, freeze and specific MAC forwarding Port security and enhanced 802.1x port authentication WFQ Queuing Algorithms MVR and IGMP snooping for IP multicasting optimization Easy Web GUI for intelligent PoE management (only ES-2024PWR) |
| ES-2108 | 8-port 10/100Base-TX | <ul style="list-style-type: none"> Fan-less hardware design (ES-2108/ES-2108-G) Traffic prioritizing of intelligent QoS and bandwidth increment of 64 Kbps optimize service quality of application and utilization of bandwidth MVR enables IP multicasting applications across multiple VLANs environments Port-based and 802.1Q-tagged VLAN (4K PVID) MAC filtering/forwarding and MAC freeze |
| ES-2108-G | 8-port 10/100Base-TX 1 dual personality GbE ports | <ul style="list-style-type: none"> Fan-less hardware design (ES-2108/ES-2108-G) Traffic prioritizing of intelligent QoS and bandwidth increment of 64 Kbps optimize service quality of application and utilization of bandwidth MVR enables IP multicasting applications across multiple VLANs environments Port-based and 802.1Q-tagged VLAN (4K PVID) MAC filtering/forwarding and MAC freeze |
| ES-2108PWR | 8-port 10/100Base-TX PoE 1 dual personality GbE ports | <ul style="list-style-type: none"> Fan-less hardware design (ES-2108/ES-2108-G) Traffic prioritizing of intelligent QoS and bandwidth increment of 64 Kbps optimize service quality of application and utilization of bandwidth MVR enables IP multicasting applications across multiple VLANs environments Port-based and 802.1Q-tagged VLAN (4K PVID) MAC filtering/forwarding and MAC freeze |
| GS1500-24P | 24-port 1000Base-T PoE 4 dual personality GbE ports | <ul style="list-style-type: none"> Intuitive and Streamlined Web-based Management Interface 8 IEEE 802.1p hardware priority queues WRR, WFQ and SPQ Queuing Algorithms Easy Web GUI for intelligent PoE management |
| GS-1524 | 20-port 1000Base-T 4 dual personality GbE ports | <ul style="list-style-type: none"> Intuitive and Streamlined Web-based Management Interface Auto DoS attack prevention Auto VoIP optimization Port security 4 IEEE 802.1p hardware priority queues WRR and SPQ queuing algorithms |
| GS-1548 | 44-port 1000Base-T 4 dual personality GbE ports | <ul style="list-style-type: none"> Robust system design Intuitive and Streamlined Web-based Management Interface Auto DoS attack prevention Auto VoIP optimization Port security 4 IEEE 802.1p hardware priority queues WRR and SPQ queuing algorithms |
| ES-1528 | 24-port 10/100Base-TX 2-port 1000Base-T 2 GbE SFP open slot | <ul style="list-style-type: none"> Robust system design Intuitive and Streamlined Web-based Management Interface Auto DoS attack prevention Auto VoIP optimization Port security 4 IEEE 802.1p hardware priority queues WRR and SPQ queuing algorithms |
| ES-1552 | 48-port 10/100Base-TX 2-port 1000Base-T 2 GbE SFP open slot | <ul style="list-style-type: none"> Robust system design Intuitive and Streamlined Web-based Management Interface Auto DoS attack prevention Auto VoIP optimization Port security 4 IEEE 802.1p hardware priority queues WRR and SPQ queuing algorithms |
| GS1100-16 | 16-port 1000Base-T | <ul style="list-style-type: none"> Non-blocking, wire-speed transmission Supports auto-MDI/MDI-X EEE standards complied |
| GS1100-24 | 24-port 1000Base-T 2 GbE SFP open slot | <ul style="list-style-type: none"> Non-blocking, wire-speed transmission Supports auto-MDI/MDI-X EEE standards complied |
| GS-1116A | 14-port 1000Base-T 2 dual personality GbE ports | <ul style="list-style-type: none"> Non-blocking full wire speed forwarding Data flow control for better transmission reliability Forwards and filters packets at non-blocking, full wire-speed Auto MDI/MDI-X support |
| GS-1124A | 22-port 1000Base-T 2 dual personality GbE ports | <ul style="list-style-type: none"> Non-blocking full wire speed forwarding Data flow control for better transmission reliability Forwards and filters packets at non-blocking, full wire-speed Auto MDI/MDI-X support |
| GS-1124B | 24-port 1000Base-T | <ul style="list-style-type: none"> Non-blocking full wire speed forwarding Data flow control for better transmission reliability Forwards and filters packets at non-blocking, full wire-speed Auto MDI/MDI-X support |
| ES-1024B | 24-port 10/100Base-TX | <ul style="list-style-type: none"> Non-blocking full wire speed forwarding Data flow control for better transmission reliability Forwards and filters packets at non-blocking, full wire-speed Auto MDI/MDI-X support |
| ES-1124 | 24-port 10/100Base-TX 2 dual personality GbE ports | <ul style="list-style-type: none"> Non-blocking full wire speed forwarding Data flow control for better transmission reliability Forwards and filters packets at non-blocking, full wire-speed Auto MDI/MDI-X support |
| ES-116P | 16-port 10/100Base-TX | <ul style="list-style-type: none"> 3.2/4.8 Gbps non-blocking switching fabric; 2.4/3.6 Mpps forwarding rate 8K MAC address table Suitable for desktop and rack-mount installation |
| ES-124P | 24-port 10/100Base-TX | <ul style="list-style-type: none"> 3.2/4.8 Gbps non-blocking switching fabric; 2.4/3.6 Mpps forwarding rate 8K MAC address table Suitable for desktop and rack-mount installation |

LAN Switches Features Matrix

| Model No. | Switch 4500 Series | | Switch 4000 Series | | Switch 3000 Series | | | Switch 2200 Series | | | Switch 2000 Series | | | | | |
|---|--------------------|-----------|--------------------|----------|--------------------|-------------|----------|--------------------|------------|-----------|--------------------|-------------|----------|-----------|-------------|--|
| | XGS-4526 | XGS-4528F | GS-4024 | ES-4124 | ES-3124 | ES-3124 PWR | ES-3148 | GS2200-24 | GS2200-24P | GS2200-48 | ES-2024A | ES-2024 PWR | ES-2108 | ES-2108-G | ES-2108 PWR | |
| Switch Class | Layer 3 | Layer 3 | Layer 3 | Layer 3 | Layer 2 | Layer 2 | Layer 2 | Layer 2 | Layer 2 | Layer 2 | Layer 2 | Layer 2 | Layer 2 | Layer 2 | Layer 2 | |
| Hardware | | | | | | | | | | | | | | | | |
| 100 Mbit RJ45 Ports | - | - | - | 24 | 24 | - | 48 | - | - | - | 24 | - | 8 | 8 | - | |
| 100 Mbit RJ45 PoE Ports | - | - | - | - | - | 24 | - | - | - | - | - | 24 | - | - | 8 | |
| 1 Gigabit RJ45 Ports | 20 | - | 20 | 2 | 2 | 2 | 2 | 24 | - | 44 | - | - | - | - | - | |
| 1 Gigabit RJ45 PoE Ports | - | - | - | - | - | - | - | 24 | - | - | - | - | - | - | - | |
| 1 Gigabit SFP Slots | - | - | - | - | - | - | - | - | - | 2 | - | - | - | - | - | |
| Dual Personality Gigabit Ports (RJ45/SFP) | 4 | 24 | 4 | 2 | 2 | 2 | 2 | 4 | 4 | 4 | 2 | 2 | - | 1 | 1 | |
| 12 Gigabit CX4 Ports | - | 2 | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| 10 Gigabit Open Slots | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| Wire-speed | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | |
| Backplane Bandwidth (Gbps) | 96 | 144 | 48 | 12.8 | 12.8 | 12.8 | 17.6 | 56 | 56 | 100 | 8.8 | 8.8 | 1.6 | 3.6 | 3.6 | |
| Forwarding Rate (Mpps) | 71.4 | 100 | 35.7 | 9.6 | 9.6 | 9.6 | 13.1 | 41.7 | 41.7 | 74.4 | 6.6 | 6.6 | 1.3 | 2.7 | 2.7 | |
| MAC Addresses | 8000 | 8000 | 16000 | 16000 | 16000 | 16000 | 16000 | 16000 | 16000 | 8000 | 8000 | 8000 | 8000 | 8000 | 8000 | |
| Management | | | | | | | | | | | | | | | | |
| CLI, Web, GUI | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | |
| iStacking (Single IP Management) | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | |
| Out-of-band Management Port | Yes | Yes | Yes | Yes | Yes | Yes | Yes | - | - | Yes | - | - | - | - | - | |
| Routing/Redundancy | | | | | | | | | | | | | | | | |
| OSPF | Yes | Yes | Yes | Yes | - | - | - | - | - | - | - | - | - | - | - | |
| RIP v1, v2 | Yes | Yes | Yes | Yes | - | - | - | - | - | Yes | - | - | - | - | - | |
| Static IP Routing | Yes | Yes | Yes | Yes | - | - | - | - | - | Yes | - | - | - | - | - | |
| VRRP | Yes | Yes | Yes | Yes | - | - | - | - | - | Yes | - | - | - | - | - | |
| Spanning Tree (STP/MSTP/RSTP) | Yes/Yes/ | Yes/Yes/ | Yes/Yes/ | Yes/Yes/ | Yes/Yes/ | Yes/Yes/ | Yes/Yes/ | Yes/Yes/ | Yes/Yes/ | Yes/Yes/ | Yes/Yes/ | Yes/Yes/ | Yes/Yes/ | Yes/Yes/ | Yes/Yes/ | |
| Backup Power Support | Yes | Yes | Yes | Yes | Yes | Yes | Yes | - | - | Yes | - | - | - | - | - | |
| Quality of Service | | | | | | | | | | | | | | | | |
| Priority Queues | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 4 | 4 | 4 | 4 | 4 | |
| Data Prioritization (SPQ/WRR/WFQ) | Yes/Yes/ | Yes/Yes/ | Yes/Yes/ | Yes/Yes/ | Yes/Yes/ | Yes/Yes/ | Yes/Yes/ | Yes/Yes/ | Yes/Yes/ | Yes/Yes/ | Yes/Yes/ | Yes/Yes/ | Yes/Yes/ | Yes/Yes/ | Yes/Yes/ | |
| ACL Data Prioritization (L2/L3/L4) | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | - | - | - | - | - | |
| IGMP Snooping (v1/v2/v3) | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | |
| MVR | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | |
| Jumbo Frame Forwarding | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | - | - | - | - | - | |
| DVMP | Yes | Yes | Yes | Yes | - | - | - | - | - | - | - | - | - | - | - | |
| 802.1p Class of Service | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | |
| Security | | | | | | | | | | | | | | | | |
| MAC Freeze/Intrusion Lock | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | |
| 802.1x Authentication | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | |
| TACACS+ | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | |
| ACL Security Filter (L2/L3/L4) | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | - | - | - | - | - | |
| RADIUS MAC Login | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | |
| VLAN Stacking (Q-in-Q) | Yes | Yes | Yes | Yes | Yes | Yes | Yes | - | - | Yes | - | - | - | - | - | |

| Model No. | Switch 1500 Series | | | | Switch 1500 Series — PoE | Switch 1100 Series | | Switch 1000 Series | | | | | |
|---|--------------------|-------------|-------------|-------------|--------------------------|--------------------|-----------|--------------------|-----------|-----------|-----------|-----------|-----------|
| | GS-1524 | GS-1548 | ES-1528 | ES-1552 | GS1500-24P | GS1100-16 | GS1100-24 | GS-1116A | GS-1124A | GS-1124B | ES-1024B | ES-1124 | ES-1124 |
| Switch Class | Web-managed | Web-managed | Web-managed | Web-managed | Web-managed | Unmanaged | Unmanaged | Unmanaged | Unmanaged | Unmanaged | Unmanaged | Unmanaged | Unmanaged |
| Hardware | | | | | | | | | | | | | |
| 100 Mbit RJ45 Ports | - | - | 24 | 48 | - | - | - | - | - | - | - | 24 | 24 |
| 1 Gigabit RJ45 Ports | 20 | 44 | 2 | 2 | - | 16 | 24 | 14 | 22 | 24 | - | - | |
| 1 Gigabit RJ45 PoE Ports | - | - | - | - | 24 | - | - | - | - | - | - | - | |
| 1 Gigabit SFP Slots | - | - | 2 | 2 | - | - | 2 | - | - | - | - | - | |
| Dual Personality Gigabit Ports (RJ45/SFP) | 4 | 4 | - | - | 4 | - | - | 2 | 2 | - | - | 2 | |
| Wire-speed | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | |
| Backplane Bandwidth (Gbps) | 48 | 96 | 12.8 | 17.6 | 56 | 32 | 52 | 32 | 48 | 48 | 4.8 | 8.8 | |
| Forwarding Rate (Mpps) | 35.7 | 71.4 | 9.6 | 13.1 | 41.67 | 23.8 | 38.7 | 23.8 | 35.7 | 35.7 | 3.6 | 6.6 | |
| MAC Addresses | 8000 | 8000 | 8000 | 8000 | 16000 | | | | | | | | |