

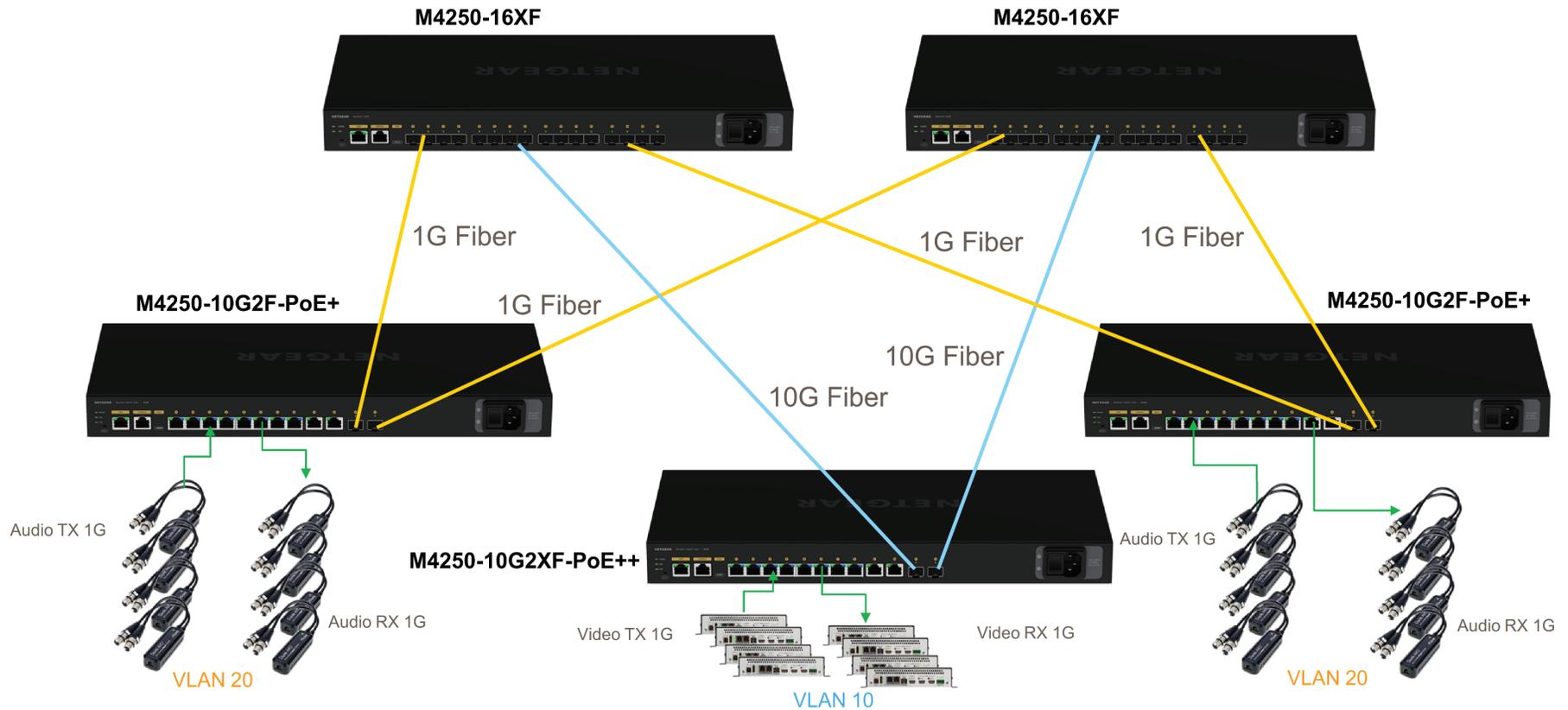
M4250 AV Line Managed Switches

The NETGEAR AV Line M4250 series was designed with input from AV Professionals. The result is a line of switches built from the ground up to support 1Gb audio and video over IP with customized hardware and software along with dedicated service and support.

NETGEAR
/// AV Line



Target Application



A new AV Line of M4250 switches with out-of-the-box functionality and an industry-first: a concurrent second user interface solely designed with the AV Pro in mind.

NETGEAR has enhanced the experience for AV professionals by including a new user interface designed from the ground up. Pro AV customers don't have to settle for an IT-centric interface with settings and IT-specific functionality they will never need. The new M4250 AV interface presents the common AV controls right up front with user-selectable profiles for common AV platforms making it a snap to ensure the settings are correct for a specific audio or video application.

M4250 Series Features

The NETGEAR AV Line M4250 series was designed with input from AV Professionals. The result is a line of switches built from the ground up to support 1Gb audio and video over IP with customized hardware and software along with dedicated service and support.

NETGEAR M4250 series key features:

- Ranges from 8 to 16 ports with a variety of PoE+ and Ultra90 PoE++ options for 15.4W, 30W, 60W, 75W and 90W AVoIP endpoints
- Uplink options include 1G for audio installations or standalone video installations as well as 10G uplinks for larger scale video deployments
- Also includes 12-port multi-gigabit Ethernet and 16-port 1G/10G fiber models for plug and play aggregation in a star topology
- Designed for a clean integration with traditional rack-mounted, AV equipment
- The M4250 switches come with a sleek, black display panel with status in front and all cabling plus additional status in the back
- Reversed mounting is possible when ports are desired on the front of the rack
- A second pair of rackmount ears allows the switches to be mounted recessed by 2-inches to allow for the cabling
- Software-controlled fan adjustments enable the fans to be turned off when ambient temperature and PoE loads are appropriate for a totally fanless operation
- Threaded holes on the bottom (4xM5 for 50x100mm VESA) and in front (1xM10 for clamps) allow for universal mounting options outside the rack as well

NETGEAR M4250 series AV software features:

- Pre-configured for audio and video over IP out of the box, the M4250 switches enable encoders and decoders to be connected with zero configuration
- When more configuration is required, an AV web-based GUI is available at the switch IP address:8080
- This interface has been specially designed for AV installers with specific AV-related controls made more accessible and with port-based profiles
- For audio, profiles for Dante, Q-SYS and AES67 are built-in, as well as an AVB profile (AVB license sold separately)
- For video, the M4250 offers profiles for NVX, SVSI, Q-SYS, NDI, Kramer KDS, Aurora Multimedia, ZeeVee, Atlona, Dante and SDVoE
- Other AV CODECs and manufactures are supported as well as audio/video/control mixed profiles
- To further simplify star deployments, NETGEAR IGMP Plus™ brings multicast automation between all M4250 switches, and with M4300/M4500
- Simply connect the switches together and you are done!

NETGEAR M4250 series other software features:

- All M4250 switches share the same high-end NETGEAR Layer 2 / Layer 3 switching engine for a consistent experience
- All switches in the M4250 series have another main, IT web-based GUI for midsize Enterprise campus networks, IoT and IPTV
- Additional features include static, RIP and PIM-SM, DM and SSM multicast routing, DHCP Server and PTPv2 Transparent Clock (1-step E2E)
- AVB is the only feature requiring a license, all other advanced features are available license-free
- Advanced classifier-based, time-based hardware implementation for L2 (MAC), L3 (IP) and L4 (UDP/TCP transport ports) security and prioritization
- Selectable Port-Channel / LAG (802.3ad - 802.1AX) L2/L3/L4 hashing for fault tolerance and load sharing with any type of Ethernet channeling
- Voice VLAN with SIP, H323 and SCCP protocols detection and LLDP-MED IP phones automatic QoS and VLAN configuration
- Efficient authentication tiering with successive DOT1X, MAB and Captive Portal methods for streamlined BYOD

M4250 Series Features

- Comprehensive IPv4/IPv6 static and dynamic routing including Policy-based routing and 6-to-4 tunneling
- Advanced IPv4/IPv6 security implementation including malicious code detection, DHCP Snooping, IP Source Guard protection and DoS attacks mitigation

NETGEAR M4250 series management features:

- DHCP/BootP innovative auto-installation including firmware and configuration file upload automation
- Industry standard SNMP, RMON, MIB, LLDP, AAA, sFlow, RSPAN and PTPv2
- Service port for out-of-band Ethernet management (OOB)
- Standard RS232 straight-through serial RJ45 and USB Type-C ports for local management console
- Standard USB-A port for local storage, logs, configuration or image files
- Dual firmware image for updates with minimum service interruption
- Single-pane-of-glass NMS300 management platform with mass configuration support
- Industry standard command line interface (CLI) for IT admins used to other vendors commands
- Fully functional Web console (main GUI) for IT admins who prefer an easy to use graphical interface
- Dedicated AV web-based GUI interface available at [switch IP address:8080] for AV installations

Configured Profiles

| Profile Name | Profile type | VLAN ID | IP Address | # of Assigned Ports |
|-----------------|--------------|---------|------------|---------------------|
| Management VLAN | Data | 1 | 0.0.0.0 | 6 |
| Video Untagged | Video | 10 | N/A | 8 |
| Dante Tagged | Audio Dante | 20 | N/A | 8 |

Profile Templates

- Audio Dante
To connect IP Audio Dante devices and their controller
- Data
To connect PCs, sACN, Art-Net, MANet and other network devices.

NETGEAR M4250 series warranty and support:

- NETGEAR ProSAFE Limited Lifetime Hardware Warranty**
- Included Lifetime Technical Support
- Included Lifetime Next Business Day Hardware Replacement
- Offering free network design services and installation support, the NETGEAR Engineering Services Team is ready to help ensure your 1G deployments with the M4250 AV over IP switches go as smooth as possible. Just drop us an email at ProAVDesign@netgear.com to get started!



Hardware-at-a-Glance

| | | | REAR (REVERSIBLE)* | | | | PSU | LEDs | MANAGEMENT | |
|--------------------|-------------------------------------|------------------|---|---------------------------------|----------------------|----------------------------|--|---|---|--------------|
| Model Name | Form-Factor | Switching Fabric | 10/100/1000 BASE-T RJ45 ports | 100/1000/2.5G BASE-T RJ45 ports | 1000BASE-X SFP ports | 1000/10G BASE-X SFP+ ports | | Status Information | Out-of-band Console | Model Number |
| M4250-10G2F-PoE+ | 1U rack mount 440 x 43.2 x 200mm | 24 Gbps | 8 ports PoE+ (125W) 2 additional ports 10M, 100M, 1G | - | 2 ports SFP 1G | - | Fixed (C14 connector) Power switch (On/Off) | Available both in front and in the rear: Power LED PoE Max LED (PoE models) Fan LED Port LEDs | Ethernet: 1G Out-of-band (Rear) Console: RJ45 RS232 (Rear) Console: USB-C (Rear) Storage: USB-A (Front) LED Ext: USB-C (Front) | GSM4212P |
| M4250-10G2XF-PoE+ | 1U rack mount 440 x 43.2 x 200mm | 60 Gbps | 8 ports PoE+ (240W) 2 additional ports 10M, 100M, 1G | - | - | 2 ports SFP+ 1G, 10G | | | | GSM4212PX |
| M4250-10G2XF-PoE++ | 1U rack mount 440 x 43.2 x 257mm | 60 Gbps | 8 ports PoE++** (720W) 2 additional ports 10M, 100M, 1G | - | - | 2 ports SFP+ 1G, 10G | | | | GSM4212UX |
| M4250-12M2XF | 1U rack mount 440 x 43.2 x 100mm | 100 Gbps | - | 12 ports 100M, 1G, 2.5G | - | 2 ports SFP+ 1G, 10G | | | | MSM4214X |
| M4250-16XF | 1U rack mount 440 x 43.2 x 200mm | 320 Gbps | - | - | - | 16 ports SFP+ 1G, 10G | | | | XSM4216F |

* Reversed mounting is possible when ports are desired on the front of the rack by using the standard rackmount ears, or the included alternate rackmount ears to mount the switch recessed by 2-Inches to allow for the cabling.

** Ultra90 PoE++ 802.3bt is compatible with 802.3af PoE (15.4W), 802.3at PoE++ (30W) and 802.3bt (60W, 75W and 90W).

Acoustic-at-a-Glance

| Model Name | FAN OFF MODE Setting / maximum loading* | | | | | QUIET MODE Setting at 25°C ambient** | | | | | COOL MODE Setting at 25°C ambient** | | | Model Number |
|--------------------|---|---------|---------|----------------|------------------------|--------------------------------------|----------|---------|-----------------|----------|-------------------------------------|-----------------|----------|--------------|
| | Fanless State | Ambient | Sensor | PoE Power Load | Conditions | PoE Power Load | Fan Duty | Sensor | Case Temp (Top) | Acoustic | Fan Duty | Case Temp (Top) | Acoustic | |
| M4250-10G2F-PoE+ | 0dBA / 37.1°C Case Temp | 25°C | <= 42°C | 80W | All ports can be used | 125W | 25 | <= 36°C | 35.9°C | 27.38dBA | 100 | 27.2°C | 55dBA | GSM4212P |
| M4250-10G2XF-PoE+ | 0dBA / 38.4°C Case Temp | 25°C | <= 44°C | 90W | All ports can be used | 240W | 25 | <= 37°C | 40.6°C | 27.4dBA | 100 | 30.9°C | 56dBA | GSM4212PX |
| M4250-10G2XF-PoE++ | 0dBA / 42.3°C Case Temp | 25°C | <= 67°C | 45W | All ports can be used | 90W | 25 | <= 49°C | 41.1°C | 34.57dBA | 100 | 41.8°C | 60dBA | GSM4212UX |
| | | | | | | 180W-720W | 40 | <= 49°C | 52.1°C | 47.19dBA | | | | |
| M4250-12M2XF | 0dBA / 56°C Case Temp | 25°C | <= 64°C | - | 8 ports 2.5G (no SFP+) | - | 25 | <= 58°C | 53.5°C | 28.5dBA | 100 | 33.2°C | 55dBA | MSM4214X |
| M4250-16XF | 0dBA / 36.2°C Case Temp | 25°C | <= 78°C | - | 8 ports SFP+ | - | 25 | <= 67°C | 41.6°C | 27.44dBA | 100 | 30.3°C | 57dBA | XSM4216F |

* Software-controlled fan adjustments enable the fans to be turned off when ambient temperature and PoE loads are appropriate for a totally fanless operation.

** dBA values are SPL (Sound Pressure Level) values, testing following the ISO-7779 standard. Bystander Mode. Chamber Temp 25°C during testing. Full, 100%, Data and PoE loaded. Worst case.

Software-at-a-Glance

| LITE LAYER 3 PACKAGE | | | | | | | | | | | | |
|----------------------|---------------------------|--|--|--|--|--|---|---|---|--|---|--------------|
| Model Name | Management | AV Dedicated UI | IPv4 / IPv6 ACL and QoS, DiffServ | IPv4 / IPv6 Multicast Filtering | IPv4 / IPv6 Policing and Convergence | Spanning Tree Green Ethernet | VLANs | Trunking Port Channel | IPv4 / IPv6 Authentication Security | IPv4 / IPv6 Static Routing | IPv4 / IPv6 Dynamic Routing | Model Number |
| M4250 series | Out-of-band | AV web-based GUI available at [Switch IP Address]:8080 | Ingress/egress 1 Kbps shaping Time-based Single Rate Policing | NETGEAR IGMP™ Plus for automated IGMP between switches | Auto-VoIP Policy-based routing (PBR) | STP, MTP, RSTP PV(R)STP BPDU/STRG Root Guard EEE 802.3az (EEE is disabled by default) | Static, Dynamic, Voice, MAC GVRP/GMRP Double VLAN mode Private VLANs | Static LAG, or Dynamic LACP (LACP automatically reverts to and from Static LAG) Seven (7) L2/L3/L4 hashing algorithms | Successive Tiering (DOT1X; MAB; Captive Portal) DHCP Snooping Dynamic ARP Inspection IP Source Guard | Port, Subnet, VLAN routing Multicast static routes DHCPv4 Server DHCP Relay Stateful DHCPv6 Server | IPv4: RIP IPv4/IPv6: PIM-SM PIM-DM SSM | All models |
| | IT Web GUI (main) | Designed for AV installers | | IGMPv3 MLDv2 Snooping, Proxy ASM & SSM | IEEE 1588 PTPv2 1-Step End-to-End | | | | | | | |
| | HTTPs CLI; Telnet; SSH | AV-related controls Audio over IP profiles | | IGMPv1, v2 Querier (compatible v3) | Transparent Clock | | | | | | | |
| | SNMP, MIBs RSPAN | AVB profile* | | Control Packet Flooding | AVB*: 802.1AS, 802.1Qav, 802.1Qat MSRP, 802.1ak MMRP, 802.1ak MVRP | | | | | | | |
| | Radius Users, TACACS+ | Video over IP profiles Mixed Audio and Video profiles | | | | | | | | | | |

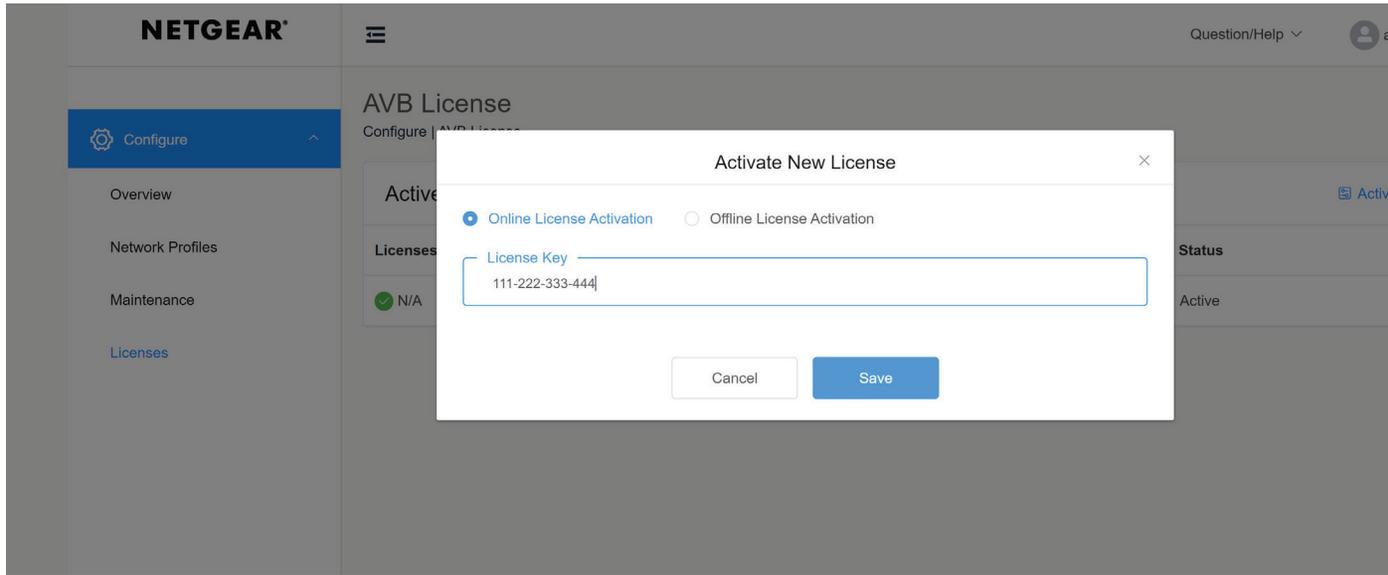
* Requires AVB license, sold separately. All other software features are available, license-free.

Performance-at-a-Glance

| TABLE SIZE | | | | | | | | | | | | | | |
|--------------------|-----------------------|----------------------------|--------------------|----------------------------------|---------------|---|------------------------------|--|--------------|---------------------------------|----------|--|--|--------------|
| Model Name | MAC ARP/NDP | Routing/Switching Capacity | Throughput 64-byte | Application Route Scaling | Packet Buffer | Latency | IP Multicast Routing Entries | CPU | Jumbo Frames | Multicast IGMP Group membership | VLANs | DHCP | sFlow | Model Number |
| M4250-10G2F-PoE+ | 16K MAC 4K ARP/NDP | 24 Gbps Line-Rate | 17.86 Mpps | Static: 894v4/126v6 RIP: 32v4 | 16Mb | <2.27µs 1G | 512 IPv4 128 IPv6 | ARMA9 1.25Ghz 2GB RAM 256MB Flash | Up to 12K | 2K IPv4 2K IPv6 | 4K VLANs | DHCP Server: 2K leases IPv4: 256 pools IPv6: 16 pools | 16 samplers 16 pollers 8 receivers | GSM4212P |
| M4250-10G2XF-PoE+ | 16K MAC 4K ARP/NDP | 60 Gbps Line-Rate | 44.64 Mpps | Static: 894v4/126v6 RIP: 32v4 | 16Mb | <2.14µs 1G <0.84µs 10G | | | | | | | | GSM4212PX |
| M4250-10G2XF-PoE++ | 16K MAC 4K ARP/NDP | 60 Gbps Line-Rate | 44.64 Mpps | Static: 894v4/126v6 RIP: 32v4 | 16Mb | <1.84µs 1G <0.81µs 10G | | | | | | | | GSM4212UX |
| M4250-12M2XF | 16K MAC 4K ARP/NDP | 100 Gbps Line-Rate | 74.40 Mpps | Static: 894v4/126v6 RIP: 32v4 | 16Mb | <2.84µs 1G <6.02µs 2.5G <0.81µs 10G | | | | | | | | MSM4214X |
| M4250-16XF | 16K MAC 4K ARP/NDP | 320 Gbps Line-Rate | 238.08 Mpps | Static: 894v4/126v6 RIP: 32v4 | 16Mb | <1.30µs 1G <0.86µs 10G | | | | | | | | XSM4216F |

Components

M4250 AV Licenses



M4250 AVB Licenses are electronic SKUs. A license registration key is received by email and can be copied and pasted directly in the AV UI [Switch IP Address:8080] when the switch is online.



Components

M4250-10G2F-PoE+ AV Line Managed Switch

Ordering information

- Americas: GSM4212P-100NAS
- Europe: GSM4212P-100EUS
- Asia Pacific: GSM4212P-100AJS
- China: GSM4212P-100PRS
- Warranty: Lifetime ProSAFE Hardware Warranty
- AVB License: AVB4212P-10000S (sold separately)



- 8-port 10/100/1000BASE-T (RJ45) PoE+ with 125W PoE budget
- 2-port 10/100/1000BASE-T (RJ45)
- 2-port 1000BASE-X (SFP)
- 24 Gbps non-blocking fabric across 12 ports
- Out-of-band 1G Ethernet management port
- USB-C and RJ45 RS232 console ports and USB-A storage port
- Front black display panel and all ports in the back
- Possible reversed mounting with ports in the front
- Rack-mounting standard brackets
- Longer brackets for recessed mounting (2 inches / 5 cm)
- Threaded hole in front (1xM10) for clamps
- Threaded holes on the bottom (4xM5) for 50x100mm VESA plates
- Selectable fan modes for fanless, quiet, or cool operation
- Dimensions (WxDxH): 440 x 200 x 43.2 mm
- Weight: 2.85Kg (6.28lb)

Components

M4250-10G2XF-PoE+ AV Line Managed Switch

Ordering information

- Americas: GSM4212PX-100NAS
- Europe: GSM4212PX-100EUS
- Asia Pacific: GSM4212PX-100AJS
- China: GSM4212PX-100PRS
- Warranty: Lifetime ProSAFE Hardware Warranty
- AVB License: AVB4212PX-10000S (sold separately)



- 8-port 10/100/1000BASE-T (RJ45) PoE+ with 240W PoE budget
- 2-port 10/100/1000BASE-T (RJ45)
- 2-port 1000/10GBASE-X (SFP+)
- 60 Gbps non-blocking fabric across 12 ports
- Out-of-band 1G Ethernet management port
- USB-C and RJ45 RS232 console ports and USB-A storage port
- Front black display panel and all ports in the back
- Possible reversed mounting with ports in the front
- Rack-mounting standard brackets
- Longer brackets for recessed mounting (2 inches / 5 cm)
- Threaded hole in front (1xM10) for clamps
- Threaded holes on the bottom (4xM5) for 50x100mm VESA plates
- Selectable fan modes for fanless, quiet, or cool operation
- Dimensions (WxDxH): 440 x 200 x 43.2 mm
- Weight: 2.9Kg (6.39lb)

Components

M4250-10G2XF-PoE++ AV Line Managed Switch

Ordering information

- Americas: GSM4212UX-100NAS
- Europe: GSM4212UX-100EUS
- Asia Pacific: GSM4212UX-100AJS
- China: GSM4212UX-100PRS
- Warranty: Lifetime ProSAFE Hardware Warranty
- AVB License: AVB4212UX-10000S (sold separately)



- 8-port 10/100/1000BASE-T (RJ45) Ultra90 PoE++ with 720W PoE budget
- 2-port 10/100/1000BASE-T (RJ45)
- 2-port 1000/10GBASE-X (SFP+)
- Compatible 802.3af (15.4W), 802.3at (30W), 802.3bt (60, 75 and 90W)
- 60 Gbps non-blocking fabric across 12 ports
- Out-of-band 1G Ethernet management port
- USB-C and RJ45 RS232 console ports and USB-A storage port
- Front black display panel and all ports in the back
- Possible reversed mounting with ports in the front
- Rack-mounting standard brackets
- Longer brackets for recessed mounting (2 inches / 5 cm)
- Threaded hole in front (1xM10) for clamps
- Threaded holes on the bottom (4xM5) for 50x100mm VESA plates
- Selectable fan modes for fanless, quiet, or cool operation
- Dimensions (WxDxH): 440 x 257 x 43.2 mm
- Weight: 3.83Kg (8.44lb)

Components

M4250-12M2XF AV Line Managed Switch

Ordering information

- Americas: MSM4214X-100NAS
- Europe: MSM4214X-100EUS
- Asia Pacific: MSM4214X-100AJS
- China: MSM4214X-100PRS
- Warranty: Lifetime ProSAFE Hardware Warranty
- AVB License: AVB4214X-10000S (sold separately)

- 12-port 100/1000/2.5GBASE-T (RJ45)
- 2-port 1000/10GBASE-X (SFP+)
- 100 Gbps non-blocking fabric across 14 ports
- Out-of-band 1G Ethernet management port
- USB-C and RJ45 RS232 console ports and USB-A storage port
- Front black display panel and all ports in the back
- Possible reversed mounting with ports in the front
- Rack-mounting standard brackets
- Longer brackets for recessed mounting (2 inches / 5 cm)
- Threaded hole in front (1xM10) for clamps
- Threaded holes on the bottom (4xM5) for 50x100mm VESA plates
- Selectable fan modes for fanless, quiet, or cool operation
- Dimensions (WxDxH): 440 x 100 x 43.2 mm
- Weight: 1.74Kg (3.85lb)



Components

M4250-16XF AV Line Managed Switch

Ordering information

- Americas: XSM4216F-100NAS
- Europe: XSM4216F-100EUS
- Asia Pacific: XSM4216F-100AJS
- China: XSM4216F-100PRS
- Warranty: Lifetime ProSAFE Hardware Warranty
- AVB License: AVB4216F-10000S (sold separately)

- 16-port 1000/10GBASE-X (SFP+)
- 320 Gbps non-blocking fabric across 16 ports
- Out-of-band 1G Ethernet management port
- USB-C and RJ45 RS232 console ports and USB-A storage port
- Front black display panel and all ports in the back
- Possible reversed mounting with ports in the front
- Rack-mounting standard brackets
- Longer brackets for recessed mounting (2 inches / 5 cm)
- Threaded hole in front (1xM10) for clamps
- Threaded holes on the bottom (4xM5) for 50x100mm VESA plates
- Selectable fan modes for fanless, quiet, or cool operation
- Dimensions (WxDxH): 440 x 100 x 43.2 mm
- Weight: 1.74Kg (3.85lb)



Accessories

GBIC SFP and SFP+ Optics for M4250 series

| Ordering information <ul style="list-style-type: none"> Worldwide: see table below Warranty: 5 years | Multimode Fiber (MMF) | | Single mode Fiber (SMF) |
|---|---|--|--|
| | OM1 or OM2 62.5/125µm | OM3 or OM4 50/125µm | 9/125µm |
| <p>10 Gigabit SFP+</p>  <ul style="list-style-type: none"> Fits into M4250 SFP+ interfaces | <p>AXM763</p> <p>10GBase-LRM long reach multimode 802.3aq - LC duplex connector up to 220m (722 ft)</p> <p>AXM763-10000S (1 unit)</p> | <p>AXM763</p> <p>10GBase-LRM long reach multimode 802.3aq - LC duplex connector up to 260m (853 ft)</p> <p>AXM763-10000S (1 unit)</p> <p>AXM761</p> <p>10GBase-SR short reach multimode LC duplex connector up to 300m (984 ft)</p> <p>AXM761-10000S (1 unit) AXM761P10-10000S (pack of 10 units)</p> | <p>AXM762</p> <p>10GBase-LR long reach single mode LC duplex connector up to 10km (6.2 miles)</p> <p>AXM762-10000S (1 unit) AXM762P10-10000S (pack of 10 units)</p> <p>AXM764</p> <p>10GBase-LR LITE single mode LC duplex connector up to 2km (1.2 mile)</p> <p>AXM764-10000S (1 unit)</p> |
| <p>Gigabit SFP</p>  <ul style="list-style-type: none"> Fits into M4250 SFP+ and SFP interfaces | <p>AGM731F</p> <p>1000Base-SX short range multimode LC duplex connector up to 275m (902 ft)</p> <p>AGM731F (1 unit)</p> | <p>AGM731F</p> <p>1000Base-SX short range multimode LC duplex connector OM3: up to 550m (1,804 ft) OM4: up to 1,000m (3,280 ft)</p> <p>AGM731F (1 unit)</p> | <p>AGM732F</p> <p>1000Base-LX long range single mode LC duplex connector up to 10km (6.2 miles)</p> <p>AGM732F (1 unit)</p> |

| | | | |
|--|---|--|---|
| <p>AGM734 1000BASE-T RJ45 SFP (Gigabit)</p> | <p>Ordering information</p> <ul style="list-style-type: none"> Worldwide: AGM734-10000S Warranty: 5 years |  | <ul style="list-style-type: none"> Fits into M4250 SFP+ and SFP interfaces 1 port Gigabit RJ45 Supports only 1000Mbps full-duplex mode Up to 100m (328 ft) with Cat5 RJ45 or better Conveniently adds 1G copper connectivity to M4250 fiber interfaces |
| <p>AXM765 10GBASE-T RJ45 SFP+ (10 Gigabit)</p> | <p>Ordering information</p> <ul style="list-style-type: none"> Worldwide: AXM765-10000S Warranty: 5 years |  | <ul style="list-style-type: none"> Fits into M4250 SFP+ interfaces 1 port 10GBASE-T RJ45 Copper connectivity up to 30 m (98 feet) distance CAT6a or better wiring required for 10GBASE-T up to 30 meters Conveniently adds 10G copper connectivity to M4250 fiber interfaces |

Accessories

Direct Attach Cables for M4250 series

| ORDERING INFORMATION WORLDWIDE: SEE TABLE BELOW WARRANTY: 5 YEARS | SFP+ to SFP+ | | |
|--|--|---|--|
| | 1 meter (3.3 ft) | 3 meters (9.8 ft) | 5 meters (16.4 ft) |
| <p>10 Gigabit DAC</p>  <p>• Fits into M4250 SFP+ interfaces</p> | <p>AXC761 10GSFP+ Cu (passive) SFP+ connectors</p> <p>AXC761-10000S (1 unit)</p> | <p>AXC763 10GSFP+ Cu (passive) SFP+ connectors</p> <p>AXC763-10000S (1 unit)</p> | <p>AXC765 10GSFP+ Cu (active) SFP+ connectors</p> <p>AXC765-10000S (1 unit)</p> |
| | 7 meters (23.0 ft) | 10 meters (32.8 ft) | 15 meters (49.2 ft) |
| | <p>AXC767 10GSFP+ Cu (active) SFP+ connectors</p> <p>AXC767-10000S (1 unit)</p> | <p>AXC7610 10GSFP+ Cu (active) SFP+ connectors</p> <p>AXC7610-10000S (1 unit)</p> | <p>AXC7615 10GSFP+ (duplex fiber optic) SFP+ connectors</p> <p>AXC7615-10000S (1 unit)</p> |
| | 20 meters (65.6 ft) | | |
| | <p>AXC7620 10GSFP+ (duplex fiber optic) SFP+ connectors</p> <p>AXC7620-10000S (1 unit)</p> | | |
| | | | |