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Overview

MS350-24X-HW is the Meraki MS350-24 L3 Stacking Cloud-Managed 24x GigE mGig UPoE Switch. The Cisco Meraki MS350 series switches provide reliable and high bandwidth access switching ideal for deploying in campus networks. With high speed stacking capabilities and 10G SFP+ uplinks built in on every model, redundancy and performance are guaranteed. This family also supports options for multigigabit, UPoE, redundant, field-replaceable power supplies for mission critical networks.

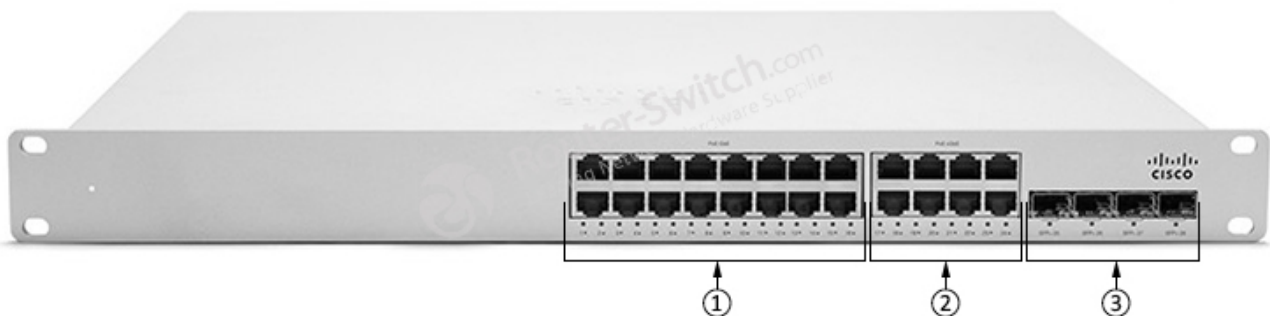
Quick Spec

Table 1 shows the quick spec.

SKU	MS350-24X-HW
Interfaces	<ul style="list-style-type: none"> • 16 x 10/100/1000BASE-T Ethernet RJ45 with auto negotiation and auto-MDIX • 8 x 100M/1G/2.5G/5/10G Ethernet RJ45 with auto negotiation and autoMDIX3 • 4 x SFP+ 10G uplink • 2 x stacking ports
Switching capacity	272 Gbps
Stacking Bandwidth	160G (dual interface)
Available PoE+ Power	740 W
Idle / Full Load Power	215 / 867 W
Power Supply Configuration	Hot-swappable
Optional Redundant Power Supply	2 x 1025W PSU
What's included	1 x Power Supply (MA-PWR-1025WAC), Mounting screw kit, 1 x Stacking Cable (0.5m), 2 x Pre-Installed Fans
Dimensions	1.74" x 19.08" x 23.4" (4.44cm x 48.46cm x 59.47cm)
Weight	14.48 lb (6.6 kg)

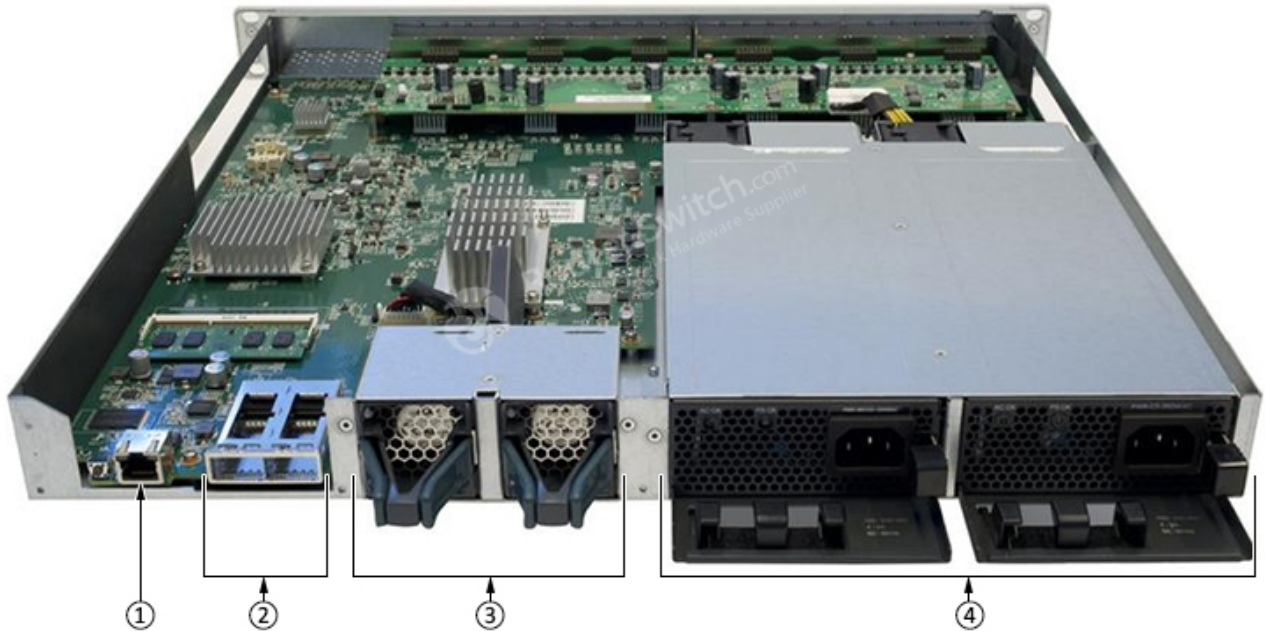
Product Details

Figure 1 shows the front panel.



Note: (1) 16 x 10/100/1000BASE-T Ethernet RJ45 (2) 8 x 100M/1G/2.5G/5/10G Ethernet RJ45 (3) 4 x SFP+ 10G uplink

Figure 2 shows the back panel without cover.



Note: (1) Management Interface (2) 2 x stacking ports (3) Redundant Fans (4) Redundant Power Supplies

Compatible Accessories

Table 2 shows the accessories.

Model	Description
MA-SFP-1GB-TX	Meraki 1 GbE SFP Copper Module
MA-SFP-1GB-SX	Meraki 1000Base SX Multi-Mode
MA-SFP-10GB-SR	Meraki 10G Base SR Multi-Mode
MA-SFP-10GB-LRM	Meraki 10G Base LRM
MA-SFP-10GB-LR	Meraki 10G Base LR Single-Mode
MA-CBL-40G-50CM	Meraki 40GbE QSFP Cable. 0.5 Meter
MA-CBL-40G-1M	Meraki 40GbE QSFP Cable. 1 Meter
MA-CBL-40G-3M	Meraki 40GbE QSFP Cable. 3 Meters

Compare to Similar Items

Table 3 shows the Meraki Stackable Access Switches Comparison.

Series	MS210	MS225	MS250	MS350
Deployment Type	Branch & Small Campus	Branch & Small Campus	Branch & Small Campus	Campus & Multigigabit
Interfaces	24/48 x 1GbE RJ45	24/48 x 1GbE RJ45	24/48 x 1GbE RJ45	24/48 x 1GbE RJ45 8 x XGbE RJ45 (24 x only)
Uplinks	4 x 1GbE SFP	4 x 10GbE SFP+	4 x 10GbE SFP+	4 x 10GbE SFP+
PoE Capabilities	370W (P, LP models) 740W (FP models)	370W (P, LP models) 740W (FP models)	370W (P, LP models) 740W (FP models)	370W (P, LP models) 740W (24X, FP models)
Power Configuration	Internal Optional RPS	Internal Optional RPS	Modular Redundant PSU optional	Modular Redundant PSU optional
Stacking Capabilities	Compatible with MS225 80G physical + virtual	Compatible with MS210 80G physical + virtual	80G physical + virtual	160G physical + virtual

Routing Capabilities	Static only DHCP Relay	Static only DHCP Relay	Static + Dynamic DHCP Server + Relay Warm spare (VRRP)	Static + Dynamic DHCP Server + Relay Warm spare (VRRP)
Models	MS210-24-HW MS210-24P-HW MS210-48-HW MS210-48LP-HW MS210-48FP-HW	MS225-24-HW MS225-24P-HW MS225-48-HW MS225-48LP-HW MS225-48FP-HW	MS250-24-HW MS250-24P-HW MS250-48-HW MS250-48LP-HW MS250-48FP-HW	MS350-24-HW MS350-24P-HW MS350-24X-HW MS350-48-HW MS350-48LP-HW MS350-48FP-HW

Support & Resources

 [\[PDF\] Cisco Meraki MS350 Series Switches Datasheet](#)

 [\[PDF\] Cisco Meraki Switches Comparison](#)

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Specification

MS350-24X-HW Specification	
Interfaces	<ul style="list-style-type: none"> • 16 x 10/100/1000BASE-T Ethernet RJ45 with auto negotiation and auto-MDIX • 8 x 100M/1G/2.5G/5/10G Ethernet RJ45 with auto negotiation and autoMDIX3 • 4 x SFP+ 10G uplink • 2 x stacking ports
Switching capacity	272 Gbps
Stacking Bandwidth	160G (dual interface)
Forwarding rate	202.38 mpps
Available PoE+ Power	740 W
Idle / Full Load Power	215 / 867 W
Power Supply Configuration	Hot-swappable
Optional Redundant Power Supply	2 x 1025W PSU
What's included	1 x Power Supply (MA-PWR-1025WAC), Mounting screw kit, 1 x Stacking Cable (0.5m), 2 x Pre-Installed Fans
Dimensions	1.74" x 19.08" x 23.4" (4.44cm x 48.46cm x 59.47cm)
Weight	14.48 lb (6.6 kg)
Management	<ul style="list-style-type: none"> • Managed via the Web with the Meraki cloud management platform • Integrated with Meraki Wireless and complete portfolio of IT products and solutions • Zero-touch remote provisioning (no staging needed) • Detailed historical per-port and per-client usage statistics • DHCP, client, and hostname fingerprinting • SNMPd and SYSLOG support for integration with other network management solutions • Automatic firmware upgrades with scheduling control
Layer 3	<ul style="list-style-type: none"> • Static routing, OSPFv2 • Multicast routing • Warm Spare (VRRP) • DHCP Relay, DHCP Server

Remote Diagnostics	<ul style="list-style-type: none"> • Email, SMS and Mobile push notification alerts • Cable testing and link failure detection with alerting • Live remote packet capture • Dynamic and interactive network discovery and topology • Combined event and configuration change logs with instant search
Power	<ul style="list-style-type: none"> • Power input: 100 - 240 VAC, 47-63 Hz • Power consumption: 56 - 888W
Stacking	<ul style="list-style-type: none"> • Physical stacking of up to 8 switches with 160 Gbps stack bandwidth on all models • Virtual stacking supports thousands of switch ports in a single logical stack for unified management, monitoring, and configuration
Mounting	<ul style="list-style-type: none"> • 1U Rack-mountable with included rack mount hardware • 2-post front mounting options available
Ethernet Switching Capabilities	<ul style="list-style-type: none"> • 802.1p Quality of Service, 8 queues (w/ 6 configurable for DSCP-to-CoS mapping) • 802.1Q VLAN and trunking support for up to 4,094 VLANs • 802.1w, 802.1D Rapid Spanning Tree Protocol (RSTP, STP) • Broadcast storm control • 802.1ab Link Layer Discovery Protocol (LLDP) and Cisco Discovery Protocol (CDP) • 802.3ad Link aggregation with up to 8 ports per aggregate, Multichassis aggregates supported on stacked switches • Port mirroring • IGMP snooping for multicast filtering • MAC forwarding entries: 32K
Environment	<ul style="list-style-type: none"> • Operating temperature: -5°C to 50°C • Humidity: 5 to 95% non-condensing • Variable speed fans
Regulatory	<ul style="list-style-type: none"> • CSA-US (US, Canada) • FCC (USA) • IC (Canada) • CE (Europe) • RCM (Australia/New Zealand) • RoHS
Security	<ul style="list-style-type: none"> • Integrated two-factor authentication for Dashboard management • Role-based access control (RBAC) with granular device and configuration control • Corporate wide password policy enforcement • IEEE 802.1X RADIUS and MAB, hybrid authentication and RADIUS server testing • Multi-Domain/Multi-Host/Multi Authentication • Port security: Sticky MAC, MAC whitelisting • DHCP snooping, detection and blocking, Dynamic ARP Inspection • STP Enhancements: BPDU guard, Root guard, Loop guard • IPv4 and IPv6 ACLs
MTBF Ratings	321,515

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