

MS210-48LP-HW Datasheet

Get a Quote



Overview

MS210-48LP-HW is the Meraki MS210-48P 1G L2 Cloud Managed 48 x GigE 370W PoE Switch. Cisco Meraki MS210 switches provide Layer 2 access switching for branch and small campus locations. The MS210 includes 4 x 1G SFP uplinks and physically stacks with the MS225 to gain access to its 10G uplink. This family also supports an optional, rack-mountable PSU (Cisco RPS-2300) for power redundancy requirements.

Quick Spec

Table 1 shows the quick spec.

SKU	MS210-48LP-HW
Interfaces	• 48 x 10/100/1000BASE-T Ethernet RJ45 with auto negotiation and crossover detection (auto-MDIX crossover) • 4 x 1GbE SFP uplink • 2 x stacking ports • RJ45 Management port
Switching capacity	176 Gbps
Stacking Bandwidth	80G (dual interface)
Available PoE+ Power	370 W
Idle/Full Load Power	53 / 490 W
What's Included	Mounting screw kit
Dimensions	1.72" x 19.08" x 13.38" (4.38 x 48.46 x 34cm)
Weight	9.63 lb (4.37 kg)

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-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 MS210 Series Switches Datasheet](#)

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

Get more information

Do you have any question about the Meraki MS210-48LP-HW?

Contact us now via [Live Chat](#) or sales@router-switch.com.

Specification

MS210-48LP-HW Specification	
Interfaces	• 48 x 10/100/1000BASE-T Ethernet RJ45 with auto negotiation and crossover detection (auto-MDIX crossover) • 4 x 1GbE SFP uplink • 2 x stacking ports • RJ45 Management port
Forwarding rate	77.38mpps
Switching capacity	176 Gbps
Stacking Bandwidth	80G (dual interface)
Available PoE+ Power	370 W
Idle / Full Load Power	53 / 490 W
Power Supply Configuration	Fixed internal
Supported Power Supply	External RPS
What’s included	Mounting screw kit
Dimensions	1.72” x 19.08” x 13.38” (4.38 x 48.46 x 34cm)
Weight	9.63 lb (4.37 kg)

Management	• 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	• Static routing • DHCP Relay
Remote Diagnostics	• 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	• Power input: 100 - 240 VAC, 47-63 Hz • Power consumption: 15 - 882W • RPS interface: Requires RPS-2300 chassis
Stacking	• Physical stacking of up to 8 switches with 80 Gbps stack bandwidth on all models • Virtual Stacking supports thousands of switch ports in a single logical stack for unified management, monitoring, and configuration • Stacking-compatible with the MS225
Ethernet Switching Capabilities	• 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	• Operating temperature: -5°C to 50°C • Humidity: 5 to 95% non-condensing
Regulatory	• CSA-US (US, Canada) • FCC (USA) • IC (Canada) • CE (Europe) • RoHS • RCM (Australia/New Zealand)
Mounting	• Rack-mountable with included rack mount hardware • Front-to-back airflow • Feature fanless operation
Security	• 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	381,015

Want to Buy

[Order Now](#)
[Get a Quote](#)

Why Router-switch.com

As a leading network hardware supplier, Router-switch.com focuses on original new ICT equipment of [Cisco](#),

Huawei, HPE, Dell, Hikvision, Juniper, Fortinet, etc.



200+

Countries we Sold



18,000+

Customers Trusted



\$20,000,000

Inventory Available



50%-98%

Off Global List Price



100%

Safe Online Shopping

Contact Us

- Tel: +1-626-239-8066 (USA) +852-3050-1066 / +852-3174-6166
- Fax: +852-3050-1066 (Hong Kong)
- Email: sales@router-switch.com