









Meraki Layer 2 Access Switching Portfolio

Series	MS120-8	MS120	MS210	MS225
				
Deployment type	Compact	Small Branch & Office	Branch & Small Campus	Branch & Small Campus
Interfaces	8 x 1G RJ45	24 / 48 x 1G RJ45	24 / 48 x 1G RJ45 ports	24 / 48 x 1G RJ45 ports
Uplinks	2 x 1G SFP	4 x 1G SFP	4 x 1G SFP ports	4 x 10G SFP+ ports
PoE capabilities	67W (LP model) 124W (FP model) PoE/PoE+ Support	370W (P, LP models) 740W (FP model) PoE/PoE+ Support	370W (P, LP models) 740W (FP models) PoE/PoE+ Support	370W (P, LP models) 740W (FP models) PoE/PoE+ Support
Power configuration	External PSU (non-PoE, LP model) Internal PSU (FP Model)	Internal	Internal Optional RPS	Internal Optional RPS
Stacking capabilities	Virtual only	Virtual only	Stacks with MS225 80 Gbps physical + virtual	Stacks with MS210 80 Gbps physical + virtual
Routing capabilities	DHCP Relay	DHCP Relay	Static only DHCP Relay	Static only DHCP Relay
Models	MS120-8-HW MS120-8LP-HW MS120-8FP-HW	MS120-24-HW MS120-24P-HW MS120-48-HW MS120-48LP-HW MS120-48FP-HW	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




Meraki Layer 3 Access Switching Portfolio

Series	MS250	MS350	MS355 X Series	MS355 X2 Series
				
Deployment type	Branch & Campus	Campus & Multigigabit	Campus & Multigigabit	High-Density Multigigabit
Interfaces	24 / 48 x 1G RJ45 ports	24 / 48 x 1G RJ45 ¹ ports (24X model) 16 x 1G RJ45 ¹ ports 8 x mGig ports	(24X model) 16 x 1G RJ45 ¹ ports 8 x mGig ports (48X model) 32 x 1G RJ45 ¹ ports 16 x mGig ports	(24X2 model) 24 x mGig ports (48X2 model) 24 x 1G RJ45 ¹ ports 24 x mGig ports
Uplinks	4 x 10G SFP+ ports	4 x 10G SFP+ ports	4 x 10G SFP+ OR 2 x 40G QSFP+	4 x 10G SFP+ OR 2 x 40G QSFP+
PoE capabilities	370W (P, LP models) 740W (FP models) PoE/PoE+ Support	370W (P, LP models) 740W (FP, 24X models) PoE/PoE+ Support UPoE Support (24X only)	740W (all models) PoE/PoE+/UPoE Support	740W (all models) PoE/PoE+/UPoE Support
Power configuration	Modular Power	Modular Power/Fans	Modular Power/Fans	Modular Power/Fans
Stacking capabilities	80 Gbps physical + virtual	160 Gbps physical + virtual	400 Gbps physical + virtual	400 Gbps physical + virtual
Routing capabilities	Static + Dynamic ² DHCP Server + Relay Warm spare (VRRP)	Static + Dynamic ² DHCP Server + Relay Warm spare (VRRP)	Static + Dynamic ² DHCP Server + Relay Warm spare (VRRP)	Static + Dynamic ² DHCP Server + Relay Warm spare (VRRP)
Models	MS250-24-HW MS250-24P-HW MS250-48-HW MS250-48LP-HW MS250-48FP-HW	MS350-24-HW MS350-24P-HW MS350-48-HW MS350-48LP-HW MS350-48FP-HW	MS355-24X-HW MS355-48X-HW	MS355-24X2-HW MS355-48X2-HW

¹Interfaces do not support half-duplex on the MS350

²Detailed routing specifications are available in series datasheets

Meraki Aggregation Switching Portfolio

Series	MS410	MS425	MS450
			
Deployment type	1G Fiber Aggregation	10G Fiber Aggregation	40G Fiber Aggregation
Interfaces	16 / 32 x 1G SFP	16 / 32 x 10G SFP+	12 x 40G QSFP+
Uplinks	2 x 10G SFP+ (MS410-16) 4 x 10G SFP+ (MS410-32)	2 x 40G QSFP+	2 x 100G QSFP28
Power configuration	Modular Power/Fans	Modular Power/Fans	Modular Power/Fans
Stacking capabilities	160 Gbps physical + virtual	Front-port 160 Gbps + virtual	400 Gbps physical + virtual
Routing capabilities	Static + Dynamic DHCP Server + Relay Warm spare (VRRP)	Static + Dynamic DHCP Server + Relay Warm spare (VRRP)	Static + Dynamic DHCP Server + Relay Warm spare (VRRP)
Models	MS410-16-HW MS410-32-HW	MS425-16-HW MS425-32-HW	MS450-12-HW

Lifetime Warranty with Next Day Advance Replacement

All Cisco Meraki MS switches include a limited lifetime hardware warranty that provides next-day advance hardware replacement. Meraki's simplified software and support licensing model also combines all software upgrades, centralized systems management, and phone support under a single, easy-to-understand model. For complete details, please visit meraki.cisco.com/support.

Included In the Box

MS120-8 Series	Integrated mounting brackets, External PSU (non-PoE and LP models), Mounting screw kit, Getting started insert
MS120 Series	Mounting screw kit, Getting started insert
MS210 Series	Mounting screw kit, Getting started insert
MS225 Series	Mounting screw kit, Getting started insert
MS250 Series	Power Supply (1), System fans (2), Mounting screw kit, Getting started insert
MS350 Series	Stacking cable (1), Power supply (1), system fans (2), Mounting screw kit, Getting started insert
MS355 Series	Power Supply (1), 4-Post rack mount kit, Pre-Installed fans (3)
MS410 Series	Power Supply (1), System fans (2), Mounting screw kit, Getting started insert
MS425 Series	Power Supply (1), System fans (3), Mounting screw kit, Getting started insert
	Power Supply (1), 4-Post rack mount kit, Pre-Installed Fans (3)

Optional Accessories

DESCRIPTION	ACCESSORY	SUPPORTED MODELS
Power cable	MA-PWR-CORD-US MA-PWR-CORD-EU MA-PWR-CORD-UK MA-PWR-CORD-AU	All models
External Power Supply	DC 54V/1.67A, 90W, MA-PWR-90WAC DC 12V/2.5A, 30W, MA-PWR-30WAC	MS120-8, MS120-8-LP
250W Power Supply	MA-PWR-250WAC	MS250-24, MS250-48, MS350-24, MS350-48, MS410, MS425, MS450 models
640W Power Supply	MA-PWR-640WAC	MS250-24P, MS250-48LP, MS350-24P, MS350-48LP models
1025W Power Supply	MA-PWR-1025WAC	MS250-48FP, MS350-24X, MS350-48FP, MS355 models
Meraki Stacking Cable, 40G, 0.5 Meter	MA-CBL-40G-50CM	All MS210, MS225, MS250, MS350, MS410, MS425 models
Meraki Stacking Cable, 40G, 1 Meter	MA-CBL-40G-1M	All MS210, MS225, MS250, MS350, MS410, MS425 models
Meraki Stacking Cable, 40G, 3 Meter	MA-CBL-40G-3M	All MS210, MS225, MS250, MS350, MS410, MS425 models
Meraki Stacking Cable, 100G, 0.5 Meter	MA-CBL-100G-50CM	MS355 and MS450 models
Meraki Stacking Cable, 100G, 1 Meter	MA-CBL-100G-1M	MS355 and MS450 models
Meraki Stacking Cable, 100G, 3 Meter	MA-CBL-100G-3M	MS355 and MS450 models
16K System Fan	MA-FAN-16K	MS350-24, MS350-24P, MS350-48, MS350-48LP, MS350-48FP, MS410 models
18K System Fan	MA-FAN-18K	MS350-24X, MS355, MS425, MS450 models

Meraki MS switches support SFP/SFP+/QSFP+/QSFP28 optic accessories for high-speed connectivity. Meraki offers a variety of 1G, 10G, 40G, 100G accessories. Full specifications and compatibility information is available in the Meraki Accessories datasheet: https://meraki.cisco.com/lib/pdf/meraki_datasheet_sfp.pdf

Additional Resources

Meraki MS120-8 Compact Series Datasheet

https://meraki.cisco.com/lib/pdf/meraki_datasheet_ms120_compact.pdf

Meraki MS120 Series Datasheet

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Meraki MS210 Series Datasheet

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Meraki MS225 Series Datasheet

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Meraki MS410 Series Datasheet

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Meraki MS425 Series Datasheet

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Meraki SFP & Stacking Accessories Datasheet

meraki.cisco.com/lib/pdf/meraki_datasheet_sfp.pdf

Cost Calculator

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