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100 % Centralized Cloud Management for Security, Networking, and Application Control

The **Cisco Meraki MX Cloud Managed Security Appliances** are ideal for organizations considering a Unified Threat Management (UTM) solution, for distributed sites, campuses or datacenter VPN concentration. Since the MX is 100 % cloud managed, installation and remote management is simple. The MX has a comprehensive suite of network services, eliminating the need for multiple appliances.

These services include SD-WAN capabilities, application-based firewalling, content filtering, web search filtering, SNORT based intrusion detection and prevention, Cisco Advanced Malware Protection (AMP), web caching, 4G cellular failover and more. Auto VPN and SD-WAN features are available on our hardware and virtual appliances, configurable in Amazon Web Services.



Highlights

- **Identity-Based Firewall:** Automatically assigns firewall and traffic shaping rules, VLAN tags, and bandwidth limits to enforce the right policies for each class of users
- **Intrusion Prevention:** Protects critical network resources from the latest security threats and vulnerabilities
- **Auto VPN:** Securely connects branch locations using mesh or hub-and-spoke topologies. Provides simple VPN access into Amazon Web Services
- **Content Filtering:** Block undesirable web content across 70+ categories, and leverage cloud lookups to filter billions of URLs
- **Advanced Malware Protection:** Protect your network against malware using the latest threat intelligence, and identify previously unknown malicious files with retrospective detection
- **High Availability & Failover:** Provides device and connection integrity through multiple uplinks, warm spare failover, and self-healing VPN
- **Application Visibility & Control:** Identify which applications are being used, and then prioritize critical apps while limiting recreational apps
- **Centralized Management:** Seamlessly manage campus-wide Wi-Fi deployments and distributed multi-site networks from a single pane-of-glass

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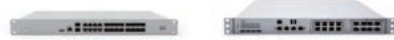





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<p>Large Branch, Campus, Concentrator</p>	 <p>MX600 MX450</p>  <p>MX250 MX400</p>
<p>Virtual Appliances</p>	 <p>vMX100</p>
<p>Medium Branch</p>	 <p>MX84 MX100</p>
<p>Small Branch</p>	 <p>MX67C MX68CW</p>  <p>MX64W/65W MX67W MX68W</p>  <p>MX64/65 MX67 MX68</p>

Throughput

→ High

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Product SKU	Recommended Clients	Throughput			Concurrent VPN Tunnels	Web Caching	WAN Ports		LAN Ports			Wireless		Power Supply	Rack Mount
		Stateful Firewall	Advanced Security	VPN			GE	GE	GE	GE PoE+	SFP	11ac AP	4G LTE		
MX64-HW	50	250 Mbps	200 Mbps	100 Mbps	50	-	1	1	4	-	-	-	- ^{*1}	External	- ^{*2}
MX64W-HW	50	250 Mbps	200 Mbps	100 Mbps	50	-	1	1	4	-	-	●	- ^{*1}	External	- ^{*2}
MX65-HW	50	250 Mbps	200 Mbps	100 Mbps	50	-	2	-	8	2	-	-	- ^{*1}	External	- ^{*2}
MX65W-HW	50	250 Mbps	200 Mbps	100 Mbps	50	-	2	-	8	2	-	●	- ^{*1}	External	- ^{*2}
MX67-HW	50	450 Mbps	300 Mbps	200 Mbps	50	-	1	1	4	-	-	-	- ^{*1}	External	- ^{*2}
MX67W-HW	50	450 Mbps	300 Mbps	200 Mbps	50	-	1	1	4	-	-	●	- ^{*1}	External	- ^{*2}
MX67C-HW-WW	50	450 Mbps	300 Mbps	200 Mbps	50	-	1	1	4	-	-	-	●	External	- ^{*2}
MX68-HW	50	450 Mbps	300 Mbps	200 Mbps	50	-	2	-	8	2	-	-	- ^{*1}	External	- ^{*2}
MX68W-HW	50	450 Mbps	300 Mbps	200 Mbps	50	-	2	-	8	2	-	●	- ^{*1}	External	- ^{*2}
MX68CW-HW-WW	50	450 Mbps	300 Mbps	200 Mbps	50	-	2	-	8	2	-	●	●	External	- ^{*2}
MX84-HW	200	500 Mbps	320 Mbps	250 Mbps	100	1 TB	2	-	8	-	2	-	- ^{*1}	Internal	1 RU
vMX100	-	-	-	500 Mbps	-	-	-	-	-	-	-	-	-	-	-

*1 Cellular Modem is required.

*2 Desktop or Wall mountable with included mount hardware.

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Cisco Meraki Licensing for Cisco Meraki MX Series

The Cisco Meraki MX Cloud Managed Security Appliances have licenses on a per-model basis, so every Meraki MX model has a corresponding license. Please note that these licenses are non-transferrable between appliance models. For example, an MX64 will not be covered by an MX84 license; it will require an MX64 license.

The Cisco Meraki MX has multiple license editions: **Enterprise** and **Advanced Security**. Please note that the Meraki MX licensing edition is uniform across the Organization. For example, you can have all 25 appliances using Enterprise edition or Advanced Security edition, but you cannot have 20 appliances using one edition and 5 using the other edition. If you wish to use Enterprise edition for some appliances and Advanced Security edition for other appliances, you need to create two Organizations, one for your appliances with the Enterprise edition, and another for the appliances with the Advanced Security edition.

Cisco Meraki License Comparison

	Enterprise	Advanced Security
Next-Generation Firewalls (NGFW)	●	●
VLAN to VLAN Routing	●	●
Link Bonding and Failover	●	●
3G/4G Failover via USB Modem	●	●
Traffic Shaping and Prioritization	●	●
Auto VPN Self-Configuring Site-to-Site VPN	●	●
Client VPN	●	●
MPLS to VPN Failover	●	●
Splash Pages	●	●
Configuration Templates	●	●
HTTP Content Caching (Web Caching)	●	●
Group Policies	●	●
Client Connectivity Alerts	●	●
Active/Passive High Availability ^{*1}	●	●
SD-WAN	●	●
Geography-based Firewall Rules	-	●
Cisco Snort IDS/IPS	-	●
Content Filtering (with Google SafeSearch)	-	●
Anti-Virus and Anti-Phishing	-	●
Youtube for Schools	-	●
Web Search Filtering	-	●
Cisco Advanced Malware Protection (AMP)	-	●
Cisco Threat Grid ^{*2}	-	●

*1 No license required for Meraki MX deployed as Warm Spares.

*2 Cisco Threat Grid License is required.

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Cisco Meraki Enterprise Licenses for Cisco Meraki MX Series

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1-Year	3-Years	5-Years	7-Years	10-Years	
LIC-MX64-ENT-1YR	LIC-MX64-ENT-3YR	LIC-MX64-ENT-5YR	LIC-MX64-ENT-7YR	LIC-MX64-ENT-10YR	MX64
LIC-MX64W-ENT-1YR	LIC-MX64W-ENT-3YR	LIC-MX64W-ENT-5YR	LIC-MX64W-ENT-7YR	LIC-MX64W-ENT-10YR	MX64W
LIC-MX65-ENT-1YR	LIC-MX65-ENT-3YR	LIC-MX65-ENT-5YR	LIC-MX65-ENT-7YR	LIC-MX65-ENT-10YR	MX65
LIC-MX65W-ENT-1YR	LIC-MX65W-ENT-3YR	LIC-MX65W-ENT-5YR	LIC-MX65W-ENT-7YR	LIC-MX65W-ENT-10YR	MX65W
LIC-MX67-ENT-1YR	LIC-MX67-ENT-3YR	LIC-MX67-ENT-5YR	LIC-MX67-ENT-7YR	LIC-MX67-ENT-10YR	MX67
LIC-MX67W-ENT-1YR	LIC-MX67W-ENT-3YR	LIC-MX67W-ENT-5YR	LIC-MX67W-ENT-7YR	LIC-MX67W-ENT-10YR	MX67W
LIC-MX67C-ENT-1YR	LIC-MX67C-ENT-3YR	LIC-MX67C-ENT-5YR	LIC-MX67C-ENT-7YR	LIC-MX67C-ENT-10YR	MX67C
LIC-MX68-ENT-1YR	LIC-MX68-ENT-3YR	LIC-MX68-ENT-5YR	LIC-MX68-ENT-7YR	LIC-MX68-ENT-10YR	MX68
LIC-MX68W-ENT-1YR	LIC-MX68W-ENT-3YR	LIC-MX68W-ENT-5YR	LIC-MX68W-ENT-7YR	LIC-MX68W-ENT-10YR	MX68W
LIC-MX68CW-ENT-1YR	LIC-MX68CW-ENT-3YR	LIC-MX68CW-ENT-5YR	LIC-MX68CW-ENT-7YR	LIC-MX68CW-ENT-10YR	MX68CW
LIC-MX84-ENT-1YR	LIC-MX84-ENT-3YR	LIC-MX84-ENT-5YR	LIC-MX84-ENT-7YR	LIC-MX84-ENT-10YR	MX84

Cisco Meraki Advanced Security Licenses for Cisco Meraki MX Series

Product SKU					Compatible Models
1-Year	3-Years	5-Years	7-Years	10-Years	
LIC-MX64-SEC-1YR	LIC-MX64-SEC-3YR	LIC-MX64-SEC-5YR	LIC-MX64-SEC-7YR	LIC-MX64-SEC-10YR	MX64
LIC-MX64W-SEC-1YR	LIC-MX64W-SEC-3YR	LIC-MX64W-SEC-5YR	LIC-MX64W-SEC-7YR	LIC-MX64W-SEC-10YR	MX64W
LIC-MX65-SEC-1YR	LIC-MX65-SEC-3YR	LIC-MX65-SEC-5YR	LIC-MX65-SEC-7YR	LIC-MX65-SEC-10YR	MX65
LIC-MX65W-SEC-1YR	LIC-MX65W-SEC-3YR	LIC-MX65W-SEC-5YR	LIC-MX65W-SEC-7YR	LIC-MX65W-SEC-10YR	MX65W
LIC-MX67-SEC-1YR	LIC-MX67-SEC-3YR	LIC-MX67-SEC-5YR	LIC-MX67-SEC-7YR	LIC-MX67-SEC-10YR	MX67
LIC-MX67W-SEC-1YR	LIC-MX67W-SEC-3YR	LIC-MX67W-SEC-5YR	LIC-MX67W-SEC-7YR	LIC-MX67W-SEC-10YR	MX67W
LIC-MX67C-SEC-1YR	LIC-MX67C-SEC-3YR	LIC-MX67C-SEC-5YR	LIC-MX67C-SEC-7YR	LIC-MX67C-SEC-10YR	MX67C
LIC-MX68-SEC-1YR	LIC-MX68-SEC-3YR	LIC-MX68-SEC-5YR	LIC-MX68-SEC-7YR	LIC-MX68-SEC-10YR	MX68
LIC-MX68W-SEC-1YR	LIC-MX68W-SEC-3YR	LIC-MX68W-SEC-5YR	LIC-MX68W-SEC-7YR	LIC-MX68W-SEC-10YR	MX68W
LIC-MX68CW-SEC-1YR	LIC-MX68CW-SEC-3YR	LIC-MX68CW-SEC-5YR	LIC-MX68CW-SEC-7YR	LIC-MX68CW-SEC-10YR	MX68CW
LIC-MX84-SEC-1YR	LIC-MX84-SEC-3YR	LIC-MX84-SEC-5YR	LIC-MX84-SEC-7YR	LIC-MX84-SEC-10YR	MX84

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Cisco Meraki Advanced Security Licenses for Cisco Meraki vMX100

Product SKU			Compatible Models
1-Year	3-Years	5-Years	
LIC-VMX100-1YR	LIC-VMX100-3YR	LIC-VMX100-5YR	vMX100

Cisco Meraki 1000BASE Small Form-Factor Pluggable (SFP) Modules

SKU	Description	Max Distance	Compatible Series					
			MX64	MX64W	MX65	MX65W	MX84	vMX100
MA-SFP-1GB-TX	1000BASE-T SFP Module	100 m	-	-	-	-	●	-
MA-SFP-1GB-SX	1000BASE-SX SFP Module	550 m	-	-	-	-	●	-
MA-SFP-1GB-LX10	1000BASE-LX10 Module	10 km	-	-	-	-	●	-

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Offering Fast, Reliable Connectivity for the Modern Teleworker

The **Cisco Meraki Z Cloud Managed Teleworker Gateway** is an enterprise class firewall, VPN gateway and router. Each model offers five gigabit ethernet ports and wireless for connectivity. Each model is designed to securely extend the power of Meraki cloud managed networking to employees, IT staff, and executives working from home.

Using Meraki's proven and highly scalable Auto VPN technology, administrators can deploy network services including VoIP and remote endpoints with automatic, zero-touch provisioning. All models feature a high-performance stateful firewall, support for VLANs, inter-VLAN routing, and isolation to segregate corporate data from recreational traffic.



Highlights

- Self-configuring, plug-and-play deployment
- Auto VPN for intelligent site-to-site VPN connectivity
- Layer 7 application traffic shaping and prioritization
- Layer 3 firewall to separate corporate data from personal traffic
- IEEE 802.1x port authentication for wired devices
- Built-in 100 Mbps CAT 3 LTE connectivity (**Z3C**)
- USB port for 3G/4G connectivity
- GE downlinks for printers, phones and other wired devices
- PoE output for VoIP phones and other powered devices
- Built-in IEEE 802.11n/ac-compatible wireless access point
- Up to 4 SSIDs with integrated enterprise security and personal/guest access
- Sleek, low profile design
- Optional desk stand

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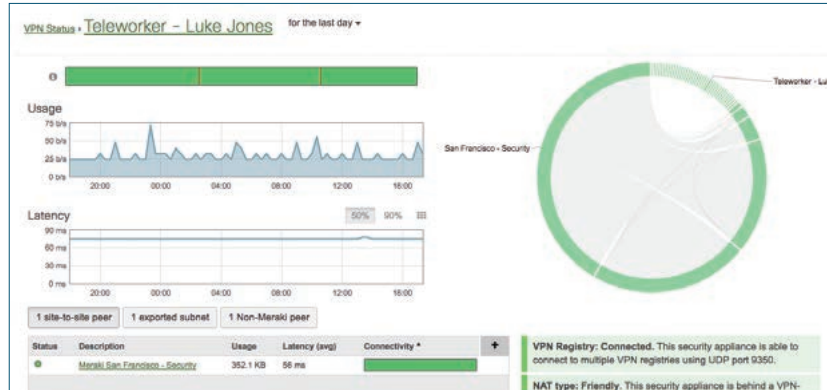
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Product SKU	Recommended Clients	Throughput		WAN Ports	LAN Ports		Wireless			Power Supply	Rack Mount
		Stateful Firewall	VPN	GE	GE	GE PoE	11n AP	11ac AP	4G LTE		
Z3-HW	5	100 Mbps	50 Mbps	1	3	1	●	●	-*1	External	-*2
Z3C-HW-WW	5	100 Mbps	50 Mbps	1	3	1	●	●	●	External	-*2

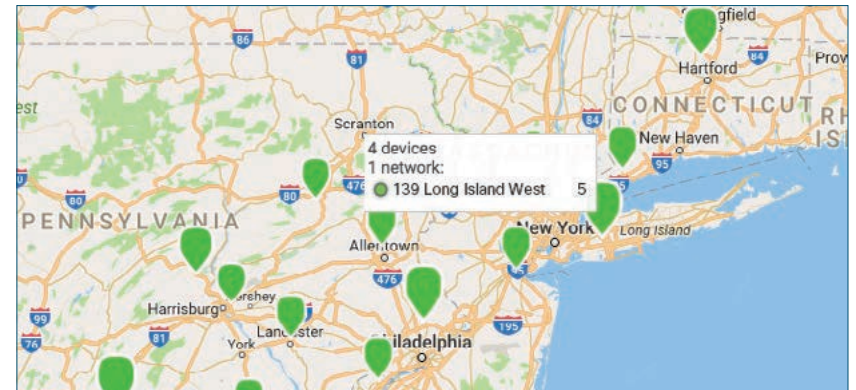
*1 Cellular Modem is required.

*2 Desktop or Wall mountable with included mount hardware. Vertical Desk Stand (MA-STND-1) is available.



Auto Configuring Site-to-Site VPN

Multi-Site Management via the Meraki Cloud



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Cisco Meraki Enterprise Licenses for Cisco Meraki Z Series

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LIC-Z3-ENT-1YR	LIC-Z3-ENT-3YR	LIC-Z3-ENT-5YR	LIC-Z3-ENT-7YR	LIC-Z3-ENT-10YR	Z3
LIC-Z3C-ENT-1YR	LIC-Z3C-ENT-3YR	LIC-Z3C-ENT-5YR	LIC-Z3C-ENT-7YR	LIC-Z3C-ENT-10YR	Z3C

Cisco Meraki Vertical Desk Stand for Cisco Meraki Z3

Product SKU	Description
MA-STND-1	Vertical Desk Stand



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Bringing Meraki Magic to the Video Security World

The **Cisco Meraki MV Cloud Managed Security Cameras** are exceptionally simple to deploy and configure. Their integration into the Meraki dashboard, ease of deployment, and use of cloud-augmented edge storage, eliminate the cost and complexity required by traditional security camera solutions.

Like all Meraki products, MV cameras provide zero-touch deployment. Using just serial numbers, an administrator can add devices to the Meraki dashboard and begin configuration before the hardware even arrives on site. In the Meraki dashboard, users can easily stream video and create video walls for monitoring key areas across multiple locations without ever configuring an IP or installing a plugin.



Highlights

- **Centralized Cloud Management:** The Meraki dashboard provides secure monitoring and management of all your cameras from anywhere in the world
- **Edge Storage:** 128 or 256 GB of high write endurance solid state storage on each camera eliminates the need for an NVR
- **Optimized Retention:** Use motion-based retention and scheduled recording to customize video storage plans for every deployment
- **Advanced Analytics:** Industry-leading analytics and machine learning capabilities onboard each MV12
- **Motion Search:** Dynamically and retroactively select areas of interest in a video stream to find that missing laptop, then export clips directly from the dashboard
- **Encrypted By Default:** Video is encrypted at rest and during transport by default, with automated TLS certificate provisioning
- **Granular Access Controls:** Easily define who can see which video streams, view historical footage, and export video, all from the dashboard
- **Firmware Always Up-to-Date:** Feature releases, firmware updates, and bug fixes are always pushed automatically and at no additional cost with active license

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Model	Indoor			Outdoor	
Product SKU	MV12N-HW	MV12W-HW	MV12WE-HW	MV21-HW	MV71-HW
Camera	1/3", 4 MP (2,688 × 1,520) progressive CMOS image sensor			1/3.2", 5 MP (2,560 × 1,920) progressive CMOS image sensor	
	3.8 mm focal length f/1.8 minimum aperture	2.8 mm focal length f/1.8 minimum aperture		3 - 10 mm vari-focal lens f/1.3 - 2.5 variable aperture	
	Field of view 73° horizontal 44° vertical 86° diagonal	Field of view 114° horizontal 61° vertical 132° diagonal		Variable field of view 28 - 82° (horizontal) 21 - 61° (vertical) 37 - 107° (diagonal)	
	1/32,000 to 1/30 sec. shutter speed			1/5 to 1/32,000 sec. shutter speed	
	Minimum illumination 0.18 Lux (standard recording) and 0.01 Lux (night mode)			Minimum illumination 0.27 Lux (F1.3, color) and 0.001 Lux (F1.3, B&W)	
	S/N Ratio 52.9 dB			S/N Ratio exceeding 62 dB - Dynamic Range 69 dB	
	Built-in IR illuminators, effective up to 15 m (49 ft)			Built-in IR illuminators, effective up to 30 m (98 feet)	
Video	1080p HD video recording (1,920 × 1,080) with H.264 encoding			720p HD video recording (1,280 × 720) with H.264 encoding	
Storage	256 GB high endurance SSD		128 GB high endurance SSD	128 GB high endurance SSD	
Interface	1 x GE, Dual band IEEE 802.11 a/b/g/n/ac, Bluetooth 4.X (BR/EDR/BLE)			1 x FE	
Power	Power consumption 12.95 W maximum via IEEE 802.3af PoE			Power consumption 10.94 W maximum via IEEE 802.3af PoE	
Dimensions	106 mm x 74 mm (diameter × height)			166 mm x 116.5 mm (diameter × height)	173.3 mm x 115 mm (diameter × height)
Weight	286 g			1,028 g (including mounting plate)	1,482 g (including mounting plate)
Lens Adjustment Range	Fixed			65° Tilt, 350° Rotation, 350° Pan	
Weather-Proof IP66	-			-	•
Vandal-Proof IK10	-			-	•

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Cisco Meraki Enterprise Licenses for Cisco Meraki MV Series

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LIC-MV-1YR	LIC-MV-3YR	LIC-MV-5YR	LIC-MV-7YR	LIC-MV-10YR	All MV

Cisco Meraki Power Injector for Cisco Meraki MV Series

Product SKU	Description	Compatible Models
MA-INJ-4-xx	PoE Injector (802.3at)	All MV

Cisco Meraki Mount Kits for Cisco Meraki MV Series

Product SKU	Description	Compatible Models				
		MV12N	MV12W	MV12WE	MV21	MV71
MA-MNT-MV-1	Wall Mount Arm	-	-	-	●	●
MA-MNT-MV-2	Pole Mount	-	-	-	-	●
MA-MNT-MV-3	L-Shape Wall Mount Bracket	-	-	-	●	●



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True Zero-Touch Cloud Provisioning, Network Visibility, and Remote Troubleshooting

The Cisco Meraki MS Cloud Managed Switches offer true zero-touch provisioning, can be pre-staged and configured entirely from a web browser. The Meraki management experience accelerates and simplifies the work of the network engineer.

Troubleshooting network issues, especially on remote locations, can significantly add to the cost of running this mission critical service. Meraki MS switches provide groundbreaking tools for remote troubleshooting, so that scaling a Meraki network need not mean scaling complexity. The Meraki MS switches include features for streamlining the work of the network engineer, from deployment to security to troubleshooting.



Highlights

- **Multigigabit Ethernet:** Provide the higher performance demanded by the latest access points over existing cabling.
- **Voice & Video QoS:** Give latency sensitive applications the priority and bandwidth they deserve with configurable QoS.
- **Flexible Stacking:** Simultaneously configure thousands of ports across standalone and physically stacked switches, regardless of location.
- **Network Topology:** View the network in real-time, showing devices and their connections and even monitor network-wide health.
- **Layer 7 Visibility:** Meraki MS switches make it easy to understand how valuable network resources are being used.
- **Remote Live Tools:** Powerful tools for identifying and correcting issues, even from thousands of miles away.
- **Layer 3 Scalability:** Build large, resilient networks using dynamic routing protocols and warm spare technology.
- **Enterprise Security:** Protect the wired network from both external and internal threats.

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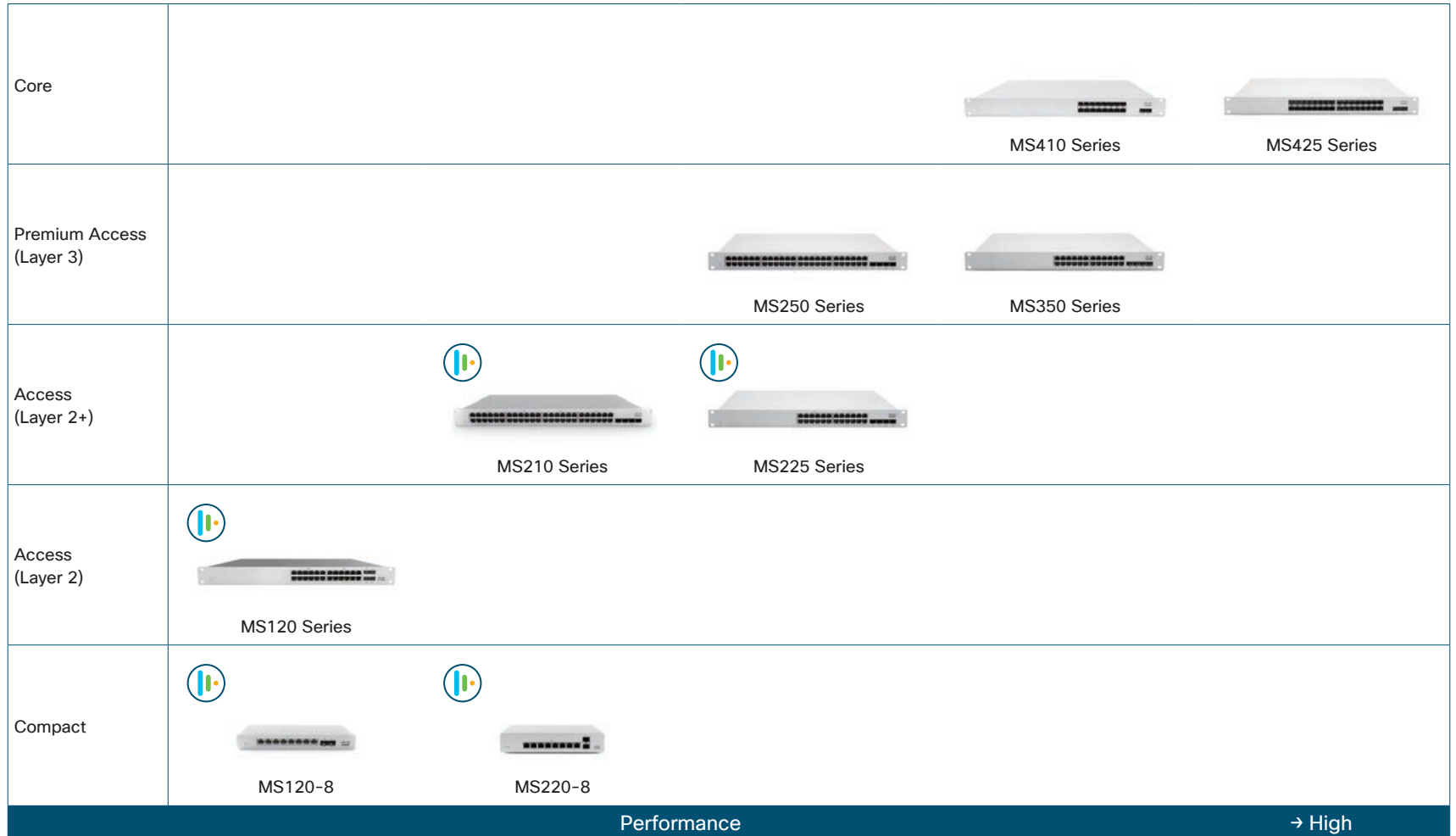
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Cisco Meraki MS120 Compact Series

Product SKU	Switching Capacity	Downlinks			Uplinks		PoE			Power Supply			Fan less	Stackable		Rack Mount
		GE	SFP	SFP+	Ports	Power Budget	IEEE 802.3	Default PS	Ext RPS	Dual PS	Virtual	Physical				
MS120-8-HW	20 Gbps	8	2	-	-	-	-	External	-	-	●	●	-	-*1		
MS120-8LP-HW	20 Gbps	8	2	-	8	67 W	af/at	External	-	-	●	●	-	-*1		
MS120-8FP-HW	20 Gbps	8	2	-	8	124 W	af/at	Internal	-	-	●	●	-	-*1		

*1 Wall or utility board mountable with included mount hardware.

Cisco Meraki MS220 Compact Series

Product SKU	Switching Capacity	Downlinks			Uplinks		PoE			Power Supply			Fan less	Stackable		Rack Mount
		GE	SFP	SFP+	Ports	Power Budget	IEEE 802.3	Default PS	Ext RPS	Dual PS	Virtual	Physical				
MS220-8-HW	20 Gbps	8	2	-	-	-	-	Internal	-	-	●	●	-	-*1		
MS220-8P-HW	20 Gbps	8	2	-	8	124 W	af/at	Internal	-	-	●	●	-	-*1		

*1 Wall or utility board mountable with included mount hardware.



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Cisco Meraki MS120 Series

Product SKU	Switching Capacity	Downlinks			Uplinks		PoE			Power Supply			Fan less	Stackable		Rack Mount
		GE	SFP	SFP+	Ports	Power Budget	IEEE 802.3	Default PS	Ext RPS	Dual PS	Virtual	Physical				
MS120-24-HW	56 Gbps	24	4	-	-	-	-	Internal	-	-	●	●	-	●		
MS120-24P-HW	56 Gbps	24	4	-	24	370 W	af/at	Internal	-	-	-	●	-	●		
MS120-48-HW	104 Gbps	48	4	-	-	-	-	Internal	-	-	●	●	-	●		
MS120-48LP-HW	104 Gbps	48	4	-	48	370 W	af/at	Internal	-	-	-	●	-	●		
MS120-48FP-HW	104 Gbps	48	4	-	48	740 W	af/at	Internal	-	-	-	●	-	●		

Cisco Meraki MS210 Series

Product SKU	Switching Capacity	Downlinks			Uplinks		PoE			Power Supply			Fan less	Stackable		Rack Mount
		GE	SFP	SFP+	Ports	Power Budget	IEEE 802.3	Default PS	Ext RPS	Dual PS	Virtual	Physical				
MS210-24-HW	128 Gbps	24	4	-	-	-	-	Internal	●	-	●	●	80 Gbps	●		
MS210-24P-HW	128 Gbps	24	4	-	24	370 W	af/at	Internal	●	-	-	●	80 Gbps	●		
MS210-48-HW	176 Gbps	48	4	-	-	-	-	Internal	●	-	●	●	80 Gbps	●		
MS210-48LP-HW	176 Gbps	48	4	-	48	370 W	af/at	Internal	●	-	-	●	80 Gbps	●		
MS210-48FP-HW	176 Gbps	48	4	-	48	740 W	af/at	Internal	●	-	-	●	80 Gbps	●		

Cisco Meraki MS225 Series

Product SKU	Switching Capacity	Downlinks			Uplinks		PoE			Power Supply			Fan less	Stackable		Rack Mount
		GE	SFP	SFP+	Ports	Power Budget	IEEE 802.3	Default PS	Ext RPS	Dual PS	Virtual	Physical				
MS225-24-HW	128 Gbps	24	-	4	-	-	-	Internal	●	-	●	●	80 Gbps	●		
MS225-24P-HW	128 Gbps	24	-	4	24	370 W	af/at	Internal	●	-	●	●	80 Gbps	●		
MS225-48-HW	176 Gbps	48	-	4	-	-	-	Internal	●	-	●	●	80 Gbps	●		
MS225-48LP-HW	176 Gbps	48	-	4	48	370 W	af/at	Internal	●	-	●	●	80 Gbps	●		
MS225-48FP-HW	176 Gbps	48	-	4	48	740 W	af/at	Internal	●	-	●	●	80 Gbps	●		

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Cisco Meraki Enterprise Licenses for Cisco Meraki MS120 Compact Series

Product SKU					Compatible Models
1-Year	3-Years	5-Years	7-Years	5-Years	
LIC-MS120-8-1YR	LIC-MS120-8-3YR	LIC-MS120-8-5YR	LIC-MS120-8-7YR	LIC-MS120-8-10YR	MS120-8
LIC-MS120-8LP-1YR	LIC-MS120-8LP-3YR	LIC-MS120-8LP-5YR	LIC-MS120-8LP-7YR	LIC-MS120-8LP-10YR	MS120-8LP
LIC-MS120-8FP-1YR	LIC-MS120-8FP-3YR	LIC-MS120-8FP-5YR	LIC-MS120-8FP-7YR	LIC-MS120-8FP-10YR	MS120-8FP

Cisco Meraki Enterprise Licenses for Cisco Meraki MS220 Compact Series

Product SKU					Compatible Models
1-Year	3-Years	5-Years	7-Years	5-Years	
LIC-MS220-8-1YR	LIC-MS220-8-3YR	LIC-MS220-8-5YR	LIC-MS220-8-7YR	LIC-MS220-8-10YR	MS220-8
LIC-MS220-8P-1YR	LIC-MS220-8P-3YR	LIC-MS220-8P-5YR	LIC-MS220-8P-7YR	LIC-MS220-8P-10YR	MS220-8P

Cisco Meraki Enterprise Licenses for Cisco Meraki MS120 Series

Product SKU					Compatible Models
1-Year	3-Years	5-Years	7-Years	5-Years	
LIC-MS120-24-1YR	LIC-MS120-24-3YR	LIC-MS120-24-5YR	LIC-MS120-24-7YR	LIC-MS120-24-10YR	MS120-24
LIC-MS120-24P-1YR	LIC-MS120-24P-3YR	LIC-MS120-24P-5YR	LIC-MS120-24P-7YR	LIC-MS120-24P-10YR	MS120-24P
LIC-MS120-48-1YR	LIC-MS120-48-3YR	LIC-MS120-48-5YR	LIC-MS120-48-7YR	LIC-MS120-48-10YR	MS120-48
LIC-MS120-48LP-1YR	LIC-MS120-48LP-3YR	LIC-MS120-48LP-5YR	LIC-MS120-48LP-7YR	LIC-MS120-48LP-10Y	MS120-48LP
LIC-MS120-48FP-1YR	LIC-MS120-48FP-3YR	LIC-MS120-48FP-5YR	LIC-MS120-48FP-7YR	LIC-MS120-48FP-10Y	MS120-48FP

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Cisco Meraki Enterprise Licenses for Cisco Meraki MS210 Series

Product SKU					Compatible Models
1-Year	3-Years	5-Years	7-Years	5-Years	
LIC-MS210-24-1YR	LIC-MS210-24-3YR	LIC-MS210-24-5YR	LIC-MS210-24-7YR	LIC-MS210-24-10YR	MS210-24
LIC-MS210-24P-1YR	LIC-MS210-24P-3YR	LIC-MS210-24P-5YR	LIC-MS210-24P-7YR	LIC-MS210-24P-10YR	MS210-24P
LIC-MS210-48-1YR	LIC-MS210-48-3YR	LIC-MS210-48-5YR	LIC-MS210-48-7YR	LIC-MS210-48-10YR	MS210-48
LIC-MS210-48FP-1YR	LIC-MS210-48FP-3YR	LIC-MS210-48FP-5YR	LIC-MS210-48FP-7YR	LIC-MS210-48FP-10Y	MS210-48LP
LIC-MS210-48LP-1YR	LIC-MS210-48LP-3YR	LIC-MS210-48LP-5YR	LIC-MS210-48LP-7YR	LIC-MS210-48LP-10Y	MS210-48FP

Cisco Meraki Enterprise Licenses for Cisco Meraki MS225 Series

Product SKU					Compatible Models
1-Year	3-Years	5-Years	7-Years	5-Years	
LIC-MS225-24-1YR	LIC-MS225-24-3YR	LIC-MS225-24-5YR	LIC-MS225-24-7YR	LIC-MS225-24-10YR	MS225-24
LIC-MS225-24P-1YR	LIC-MS225-24P-3YR	LIC-MS225-24P-5YR	LIC-MS225-24P-7YR	LIC-MS225-24P-10YR	MS225-24P
LIC-MS225-48-1YR	LIC-MS225-48-3YR	LIC-MS225-48-5YR	LIC-MS225-48-7YR	LIC-MS225-48-10YR	MS225-48
LIC-MS225-48FP-1YR	LIC-MS225-48FP-3YR	LIC-MS225-48FP-5YR	LIC-MS225-48FP-7YR	LIC-MS225-48FP-10Y	MS225-48LP
LIC-MS225-48LP-1YR	LIC-MS225-48LP-3YR	LIC-MS225-48LP-5YR	LIC-MS225-48LP-7YR	LIC-MS225-48LP-10Y	MS225-48FP

Cisco Redundant Power System (RPS) 2300

Product SKU	Description
PWR-RPS2300	Cisco RPS 2300 Chassis (No Power Supply)
C3K-PWR-750WAC	Cisco RPS 2300 750 W AC Power Supply
CAB-RPS2300-E=	Cisco RPS 2300 cable

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100 % Cloud Managed for Faster Deployment, Simplified Administration, and Richer Visibility

The Cisco Meraki MR Cloud Managed Access Points are built from the highest grade components and carefully optimized for a seamless user experience. The outcome: faster connections, greater user capacity, more coverage, and fewer support calls.

The Cisco Meraki wireless solution includes a complete, robust feature set right out of the box. No additional purchase required.

Highlights

- **Centralized Management:** Seamlessly manage campus-wide Wi-Fi deployments and distributed multi-site networks from a single pane-of-glass.
- **Multigigabit Ethernet:** Pass 2.5Gbps of traffic over a single cable in order to take full advantage of high speed 802.11ac Wave 2 wireless.
- **Location Analytics:** Reveal powerful metrics such as visitor capture rate, user visit time, and repeat visits by listening for wireless devices.
- **Application Visibility & Control:** Identify which applications are being used, and then prioritize critical apps while limiting recreational apps.
- **High Capacity 802.11ac:** RF optimization with real-time spectrum analysis enables high performance wireless in dense, demanding environments.
- **Automatic RF Optimization:** Automatically optimize Wi-Fi by measuring channel utilization, signal strength, throughput, and interference.
- **Dedicated Security Radio:** Instantly detects interference, vulnerabilities, and attacks on all channels.
- **Identity-Based Firewall:** Automatically assigns firewall and traffic shaping rules, VLAN tags, and bandwidth limits to enforce the right policies for each class of users.



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High ←	1,733 Mbps (5 GHz) + 800 Mbps (2.4 GHz)	4x4:4 MU-MIMO or SU-MIMO	 <p>MR53 MR53E</p>  <p>MR52</p>	
	Performance	1,300 Mbps (5 GHz) + 600 Mbps (2.4 GHz)	3x3:3 MU-MIMO or SU-MIMO	 <p>MR42 MR42E</p>
		866 Mbps (5 GHz) + 400 Mbps (2.4 GHz)	2x2:2 MU-MIMO or SU-MIMO	 <p>MR30H MR33 MR20</p>
			Wireless Client Density → High	

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Product SKU	Cloud Management	IEEE 802			2.4 GHz	5 GHz	Concurrent Radios	WIDS/WIPS	Bluetooth Low Energy	Ports		PoE (PD) ^{*1}		Antenna
		11n	11ac Wave 1	11ac Wave 2						GE	mGig	802.3af	802.3at	
MR20-HW	●	●	●	●	●	●	●	-	-	1	-	●	●	Internal
MR30H-HW	●	●	●	●	●	●	●	●	-	5 ^{*1}	-	● ^{*2}	●	Internal
MR33-HW	●	●	●	●	●	●	●	●	●	1	-	●	●	Internal
MR42-HW	●	●	●	●	●	●	●	●	●	1	-	● ^{*2}	●	Internal
MR42E-HW	●	●	●	●	●	●	●	●	●	1	-	● ^{*2}	●	External

*1 Local GE x 3 and PoE power supplying local GE x 1 are included.

*2 Some features are disabled when powered via 802.3af PoE.

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Cisco Meraki MR Cloud Managed Access Points Enterprise Licenses

Product SKU	Description	Compatible Models				
		MR20	MR30H	MR33	MR42	MR42E
LIC-ENT-1YR	License and Support, 1-Year	●	●	●	●	●
LIC-ENT-3YR	License and Support, 3-Years	●	●	●	●	●
LIC-ENT-5YR	License and Support, 5-Years	●	●	●	●	●
LIC-ENT-7YR	License and Support, 7-Years	●	●	●	●	●
LIC-ENT-10YR	License and Support, 10-Years	●	●	●	●	●

Cisco Meraki MR Cloud Managed Access Points Injectors & Power Supplies

Product SKU	Description	Compatible Models				
		MR20	MR30H	MR33	MR42	MR42E
MA-INJ-4-xx	PoE Injector (802.3at)	●	●	●	●	-
MA-INJ-5-xx	Multigigabit PoE Injector (802.3at)	-	-	-	-	●
MA-PWR-30W-xx	Power Supply	●	-	●	●	●

Cisco Meraki MR Cloud Managed Access Points Antennas

Product SKU	Description	Compatible Models				
		MR20	MR30H	MR33	MR42	MR42E
MA-ANT-3-A5	Dipole Antenna	-	-	-	-	●
MA-ANT-3-B5	Dipole Antenna (Bendable)	-	-	-	-	●
MA-ANT-3-C5	Panel Omni Antenna	-	-	-	-	●
MA-ANT-3-D5	Downtilt Panel Omni Antenna	-	-	-	-	●
MA-ANT-3-E5	Wide Patch Antenna	-	-	-	-	●
MA-ANT-3-F5	Narrow Patch Antenna	-	-	-	-	●

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