Meraki MX

CLOUD MANAGED SECURITY & SD-WAN



Overview

Cisco Meraki MX Security & SD-WAN Appliances are ideal for organizations considering a Unified Threat Managment (UTM) solution, for distributed sites, campuses or datacenter VPN concentration. Since the MX is 100% cloud managed, installation and remote management are 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 or Microsoft Azure.

FEATURE-RICH UNIFIED THREAT MANAGEMENT (UTM) CAPABILITIES

- Application-aware traffic control: bandwidth policies for Layer 7 application types (e.g., block YouTube, prioritize Skype, throttle BitTorrent)
- Content filtering: CIPA-compliant content filter, safe-seach enforcement (Google/Bing), and YouTube for Schools
- Intrusion prevention: PCI-compliant IPS sensor using industry-leading SNORT[®] signature database from Cisco
- Advanced Malware Protection: file reputation-based protection
 engine powered by Cisco AMP
- · Identity-based security policies and application management

INDUSTRY-LEADING CLOUD MANAGEMENT

- Unified firewall, switching, wireless LAN, and mobile device management through an intuitive web-based dashboard
- Template based settings scale easily from small deployments to tens of thousands of devices
- Role-based administration, configurable email alerts for a variety of important events, and easily auditable change logs
- Summary reports with user, device, and application usage details archived in the cloud

INTELLIGENT SITE-TO-SITE VPN WITH MERAKI SD-WAN

- Auto VPN: automatic VPN route generation using IKE/IPsec setup. Runs on physical MX appliances and as a virtual instance within the Amazon AWS or Microsoft Azure cloud services
- SD-WAN with active / active VPN, policy-based-routing, dynamic VPN path selection and support for application-layer performance profiles to ensure prioritization of the applications types that matter
- Interoperates with all IPsec VPN devices and services
- Automated MPLS to VPN failover within seconds of a connection failure
- Client VPN: L2TP IPsec support for native Windows, Mac OS X, iPad and Android clients with no per-user licensing fees

BRANCH GATEWAY SERVICES

- Built-in DHCP, NAT, QoS, and VLAN management services
- Web caching: accelerates frequently accessed content
- Load balancing: combines multiple WAN links into a single highspeed interface, with policies for QoS, traffic shaping, and failover
- Smart connection monitoring: automatic detection of layer 2 and layer 3 outages and fast failover, including option of integrated LTE Advanced or 3G/4G modems

INSIDE THE CISCO MERAKI MX

MX450 shown, features vary by model



FRONT OF THE CISCO MERAKI MX

MX450 shown, features vary by model



Ironclad Security

The MX platform has an extensive suite of security features including IDS/IPS, content filtering, web search filtering, antimalware, geo-IP based firewalling, IPsec VPN connectivity and Cisco Advanced Malware Protection, while providing the performance required for modern, bandwidth-intensive networks.

Layer 7 fingerprinting technology lets administrators identify unwanted content and applications and prevent recreational apps like BitTorrent from wasting precious bandwidth. The integrated Cisco SNORT® engine delivers superior intrusion prevention coverage, a key requirement for PCI 3.2 compliance. The MX also uses the Webroot BrightCloud® URL categorization database for CIPA / IWF compliant content-filtering, Cisco Advanced Malware Protection (AMP) engine for anti-malware, AMP Threat Grid Cloud, and MaxMind for geo-IP based security rules.

Best of all, these industry-leading Layer 7 security engines and signatures are always kept up-to-date via the cloud, simplifying network security management and providing peace of mind to IT administrators.



Client	Network	Last Affected	Events
MSWEATT-M-G039 Mac OS X 10.12	Meraki San Francisco - Security	Aug 9 13:42:48	16
10.92.105.8 Apple iPad	Meraki San Francisco - Security	Aug 13 14:28:57	11
CCHEN-X260 Meraki Network OS	Meraki San Francisco - Security	Aug 14 11:03:55	7
10.92.105.6 Apple IPhone	Meraki San Francisco - Security	Aug 16 0:32:14	5
YvonneSmariaMBP Mac OS X 10.12	Meraki San Francisco - Security	Aug 10 13:24:57	3
EVFLEISC-M-P131 Mac OS X 10.12	Meraki San Francisco - Security	Aug 8 14:16:09	3
10.92.105.160 Apple iPhone	Meraki San Francisco - Security	Aug 7 0:55:17	3
10.92.105.172 Apple iPhone	Meraki San Francisco - Security	Aug 18 16:21:02	3
SpencerraMBP914 Mac OS X 10.12	Meraki San Francisco - Security	Aug 17 6:06:08	2
ABOLLINGER-X260 Mac OS X 10.12	Meraki San Francisco - Security	Aug 15 12:56:05	2

Top sources of threats

Organization Level Threat Assessment with Meraki Security Center



Identity Based Policy Management

Cisco Threat Grid Cloud for Malicious File Sandboxing

SD-WAN Made Simple

Software-defined WAN is a new approach to network connectivity that lowers operational costs and improves resource usage for multisite deployments to use bandwidth more efficiently. This allows service providers to offer their customers the highest possible level of performance for critical applications without sacrificing security or data privacy.



Transport independence

Apply bandwidth, routing, and security policies across a variety of mediums (MPLS, Internet, or 3G/4G LTE) with a single consistent, intuitive workflow



Application optimization

Layer 7 traffic shaping and application prioritization optimize the traffic for mission-critical applications and user experience





Intelligent path control

Dynamic policy and performance based path selection with automatic load balancing for maximum network reliability and performance

Secure connectivity

Integrated Cisco Security threat defense technologies for direct Internet access combined with IPsec VPN to ensure secure communication with cloud applications, remote offices, or datacenters

Cloud Managed Architecture

Built on Cisco Meraki's award-winning cloud architecture, the MX is the industry's only 100% cloud-managed solution for Unified Threat Management (UTM) and SD-WAN in a single appliance. MX appliances self-provision, automatically pulling policies and configuration settings from the cloud. Powerful remote management tools provide network-wide visibility and control, and enable administration without the need for on-site networking expertise. Cloud services deliver seamless firmware and security signature updates, automatically establish site-to-site VPN tunnels, and provide 24x7 network monitoring. Moreover, the MX's intuitive browser-based management interface removes the need for expensive and time-consuming training.

For customers moving IT services to a public cloud service, Meraki offers a virtual MX for use in Amazon Web Services and Microsoft Azure, enabling Auto VPN peering and SD-WAN for dynamic path selection.



Cisco Meraki Cloud Management Architecture



End-to-End Network Visibility and Troubleshooting

Integrated 802.11ac Wave 2 Wireless

The MX67W, MX68W, and MX68CW integrate Cisco Meraki's awardwinning wireless technology with the powerful MX network security features in a compact form factor ideal for branch offices or small enterprises.

- Dual-band 802.11n/ac Wave 2, 2x2 MU-MIMO with 2 spatial streams
- · Unified management of network security and wireless
- Integrated enterprise security and guest access

LTE Advanced

While all MX models feature a USB port for 3G/4G failover, the MX67C and MX68CW include a SIM slot and internal LTE modem. This integrated functionality removes the need for external hardware and allows for cellular visibility and configuration within the Meraki dashboard.

- 1 x CAT 6, 300 Mbps LTE modem
- 1 x Nano SIM slot (4ff form factor)
- Global coverage with individual orderable SKUs for North America and Worldwide

Power over Ethernet

The MX65, MX65W, MX68, MX68W, and MX68CW include two ports with 802.3at (PoE+). This built-in power capability removes the need for additional hardware to power critical branch devices.

- 2 x 802.3at (PoE+) ports capable of providing a total of 60W
- APs, phones, cameras, and other PoE enabled devices can be powered without the need for AC adapters, PoE converters, or unmanaged PoE switches.

Meraki vMX100

Virtual MX is a virtual instance of a Meraki security appliance, dedicated specifically to providing the simple configuration benefits of site-to-site Auto VPN for customers running or migrating IT services to the public cloud. A virtual MX is added via the Amazon Web Services or Azure marketplace and then configured in the Meraki dashboard, just like any other MX. It functions like a VPN concentrator, and features SD-WAN functionality like other MX devices.

- An Auto VPN to a virtual MX is like having a direct Ethernet connection to a private datacenter. The virtual MX can support up to 500 Mbps of VPN throughput, providing ample bandwidth for mission critical IT services hosted in the public cloud, like Active Directory, logging, or file and print services.
- Support for Amazon Web Services (AWS) and Azure
- · No hardware, only a Meraki license is required



MX68CW Security Appliance



MX67C SIM slot



MX68 Port Configuration



Desktop and All-in-One Models

	MX64	MX64W	MX65	MX65W
Recommended Use Cases	Small branch	Small branch	Small branch	Small branch
Recommended Clients	50	50	50	50
Stateful Firewall Throughput	250 Mbps	250 Mbps	250 Mbps	250 Mbps
Advanced Security Throughput	200 Mbps	200 Mbps	200 Mbps	200 Mbps
Maximum VPN Throughput	100 Mbps	100 Mbps	100 Mbps	100 Mbps
Maximum Concurrent VPN Tunnels ³	50	50	50	50
WAN Interfaces Dedicated	1 x GbE RJ45 1 x USB (cellular failover ⁱ)	1 x GbE RJ45 1 x USB (cellular failover ⁱ)	2 x GbE RJ45 1 x USB (cellular failover ⁱ)	2 x GbE RJ45 1 x USB (cellular failover')
Dual-purpose ²	1 x GbE RJ45	1 x GbE RJ45	-	-
LAN Interfaces Fixed	4 x GbE RJ45	4 x GbE RJ45	10 x GbE RJ45 (2 x PoE+)	10 x GbE RJ45 (2 x PoE+)
Web Caching	-	-	-	-
Mounting	Desktop or Wall mount	Desktop or Wall mount	Desktop or Wall mount	Desktop or Wall mount
Dimensions (w \times d \times h)	9.5" x 5.2" x 1" (239mm x 132mm x 25mm)	9.5" x 5.2" x 1" (239mm x 132mm x 25mm)	10.0" × 5.2" × 1" (256mm x 132mm x 25mm)	10.0" × 5.2" × 1" (256mm × 132mm × 25mm)
Weight	1.61 lb (0.7 kg)	3.04 lb (1.4 kg)	1.98 lb (0.9 kg)	3.37 lb (1.53 kg)
Power Supply	30W DC (included)	30W DC (included)	90W DC (included)	90W DC (included)
Power Load (idle/max)	4W / 10W	6W / 13W	6W / 72W	9W / 79W
Operating Temperature	32°F to 104°F (0°C to 40°C)	32°F to 104°F (0°C to 40°C)	32°F to 104°F (0°C to 40°C)	32°F to 104°F (0°C to 40°C)
Humidity	5% to 95%	5% to 95%	5% to 95%	5% to 95%

¹ Requires separate cellular modem

² Interface configurable for WAN or LAN use

³ The maximum concurrent VPN tunnels are based on lab testing scenarios where no client traffic is transferring over the VPN tunnels. For information on Recommended maximum concurrent VPN tunnels, visit **MX Sizing Guide**.

Desktop and All-in-One Models

	MX67	MX67W	MX67C	MX68	MX68W	MX68CW
			-			
Recommended Use Cases	Small branch	Small branch	Small branch	Small branch	Small branch	Small branch
Recommended Clients	50	50	50	50	50	50
Stateful Firewall Throughput	450 Mbps	450 Mbps	450 Mbps	450 Mbps	450 Mbps	450 Mbps
Advanced Security Throughput	300 Mbps	300 Mbps	300 Mbps	300 Mbps	300 Mbps	300 Mbps
Maximum VPN Throughput	200 Mbps	200 Mbps	200 Mbps	200 Mbps	200 Mbps	200 Mbps
Maximum Concurrent VPN Tunnels ³	50	50	50	50	50	50
WAN Interfaces Dedicated	1 x GbE RJ45 1 x USB (cellular failover')	1 x GbE RJ45 1 x USB (cellular failover')	1 x GbE RJ45 1 x USB (cellular failover') 1 x Integrated CAT 6 LTE Cellular Modem (cellular failover)	2 x GbE RJ45 1 x USB (cellular failover')	2 x GbE RJ45 1 x USB (cellular failover')	2 x GbE RJ45 1 x USB (cellular failover') 1 x Integrated CAT 6 LTE Cellular Modem (cellular failover)
Dual-purpose ²	1 x GbE RJ45	1 x GbE RJ45	1 x GbE RJ45	-	-	-
LAN Interfaces Fixed	4 x GbE RJ45	4 x GbE RJ45	4 x GbE RJ45	10 x GbE RJ45 (2 x PoE+)	10 x GbE RJ45 (2 x PoE+)	10 x GbE RJ45 (2 x PoE+)
Web Caching	-	-	-	-	-	-
Mounting	Desktop or wall mount	Desktop or wall mount	Desktop or wall mount	Desktop or wall mount	Desktop or wall mount	Desktop or wall mount
$\textbf{Dimensions} (w \times d \times h)$	9.4"x 5.1" x 1.1" (239mm x 130mm x 27mm)	9.4" × 6.5" × 1.1" (239mm × 164mm × 27mm)	9.4" x 6.9" x 1.1" (239mm x 176mm x 27mm)	11.2" x 5.8" x 1.1" (284mm x 148mm x 27mm)	11.2" x 6.8" x 1.1" (284mm x 172mm x 27mm)	11.2" x 7" x 1.1" (284mm x 178mm x 27mm)
Weight	1.74 lb (0.7kg)	1.84 lb (0.83 kg)	1.87 lb (0.85 kg)	2.46 lb (1.12 kg)	2.55 lb (1.16 kg)	2.61 lb (1.18 kg)
Power Supply	30W DC	30W DC	30W DC	100W DC	100W DC	100W DC
Power Load (idle/max)	-	-	-	-	-	-
Operating Temperature	32°F to 113°F (0°C to 45°C)	32°F to 113°F (0°C to 45°C)	32°F to 113°F (0°C to 45°C)	32°F to 104°F (0°C to 40°C)	32°F to 104°F (0°C to 40°C)	32°F to 104°F (0°C to 40°C)
Humidity	5% to 95%	5% to 95%	5% to 95%	5% to 95%	5% to 95%	5% to 95%

¹ Requires separate cellular modem

² Interface configurable for WAN or LAN use

³ The maximum concurrent VPN tunnels are based on lab testing scenarios where no client traffic is transferring over the VPN tunnels. For information on Recommended maximum concurrent VPN tunnels, visit **MX Sizing Guide**.

Rack Mount Models

	MX84	MX100	MX250	MX450
		- 10 years		
Recommended Use Cases	Medium branch	Large branch	Campus or VPN concentrator	Campus or VPN concentrator
Recommended Clients	200	500	2,000	10,000
Stateful Firewall Throughput	500 Mbps	750 Mbps	4 Gbps	6 Gbps
Advanced Security Throughput	320 Mbps	650 Mbps	2 Gbps	4 Gbps
Maximum VPN Throughput	250 Mbps	500 Mbps	1 Gbps	2 Gbps
Maximum Concurrent VPN Tunnels ³	100	250	3,000	5,000
WAN Interfaces Dedicated	2 x GbE RJ45 1 x USB (cellular failover')	1 x GbE RJ45 1 x USB (cellular failover')	2 x 10GbE SFP+ 1 x USB (cellular failover')	2 x 10GbE SFP+ 1 x USB (cellular failover')
Dual-purpose ²	-	1 x GbE RJ45	-	-
LAN Interfaces Fixed	8 x GbE2 x GbE (SFP)	8 x GbE 2 x GbE (SFP)	8 x GbE (RJ45) 8 x GbE (SFP) 8 x 10GbE (SFP+)	8 x GbE (RJ45) 8 x GbE (SFP) 8 x 10GbE (SFP+)
Web Caching	1TB	1TB	128GB (SSD)	128GB (SSD)
Mounting	1U rack	1U rack	1U rack	1U rack
Dimensions (w \times d \times h)	19" × 10 " × 1.75" (483 mm × 254 mm × 44 mm)	19" × 10 " × 1.75" (483 mm × 254 mm × 44 mm)	19" x 17.3 " x 1.75" (483 mm x 440 mm x 44 mm)	19" x 17.3 " x 1.75" (483 mm x 440 mm x 44 mm)
Weight	9 lb (4.1kg)	9 lb (4.1kg)	16 lb (7.3kg)	16 lb (7.3kg)
Power Supply	Internal 100-220V 50/60Hz AC	Internal 100-220V 50/60Hz AC	Modular 100-220V 50/60Hz AC 2 x 250WAC PSU	Modular 100-220V 50/60Hz AC 2 x 250WAC PSU
Power Load (idle/max)	26W/32W	30W / 55W	105W / 190W	105W / 190W
Operating Temperature	32°F to 104°F (0°C to 40°C)	32°F to 104°F (0°C to 40°C)	32°F to 104°F (0°C to 40°C)	32°F to 104°F (0°C to 40°C)
Humidity	5% to 95%	5% to 95%	5% to 95%	5% to 95%

¹ Requires separate cellular modem

² Interface configurable for WAN or LAN use

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Virtual Appliances

	VMX100
Recommended use cases	Extend Auto-VPN and SD-WAN to public cloud services
Supported Platforms	Amazon Web Services (AWS) and Microsoft Azure
Interfaces	1 + Virtual
VPN Throughput	500 Mbps
Web Caching	Not applicable

Included in the Box

Package Contents	Platform(s)
Mounting kit	All
Cat 5 Ethernet cable (2)	All
AC Power Adapter	MX64, MX64W, MX65, MX65W, MX67, MX67W, MX67C, MX68, MX68W, MX68CW
Wireless external omni antenna (2)	MX64W, MX65W, MX67W, MX68W
250W Power Supply (2)	MX250, MX450
System Fan (2)	MX250, MX450
SIM card ejector tool	MX67C, MX68CW

Lifetime Warranty with Next-day Advanced Replacement

Cisco Meraki MX appliances include a limited lifetime hardware warranty that provides next-day advance hardware replacement. Cisco 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.

Accessories

The Cisco Meraki MX84, MX100, MX250, MX450 models support pluggable optics for high-speed backbone connections between wiring closets or to aggregation switches. Cisco Meraki offers several standards-based Gigabit and 10 Gigabit pluggable modules. Each appliance has also been tested for compatibility with several thirdparty modules.



Pluggable (SFP) Optics for MX84, MX100, MX250, MX450

ACCESSORIES / SFP TRANSCEIVERS

Supported Cisco Meraki accessory modules

MODEL	DESCRIPTION	
MA-SFP-1GB-SX	Cisco Meraki 1 GbE SFP SX Fiber Module (1000BASE-SX, range: 550m) for MX84, MX100, MX250, MX450	
MA-SFP-1GB-TX	Cisco Meraki 1 GbE RJ45 Copper Module (1000BASE-T for twisted pair) for MX84, MX100, MX250, MX450	
MA-SFP-10GB-SR	Cisco Meraki 10 GbE Short Range SFP+ Module (10GBASE-SR, range: 400m) for MX250, MX450	
MA-CBL-TA-1M	Cisco Meraki 10 GbE Twinax Cable with SFP+ Connectors (10GSFP+Cu, range: 1m) for MX250, MX450	
MA-CBL-TA-3M	Cisco Meraki 10 GbE Twinax Cable with SFP+ Connectors (10GSFP+Cu, range: 3m) for MX250, MX450	
MA-PWR-30WAC	Replacement Power Adapter (30W) for MX64, MX64W, MX67, MX67W, MX67C	
MA-PWR-90WAC	Replacement Power Adapter (90W) for MX65, MX65W	
MA-PWR-250WAC	Meraki MX250/MX450 Power Supply Unit (PSU)	
MA-FAN-18K	Meraki 18K RPM system fan for MX250 and MX450	
MA-ANT-MX	One pair of external dual-band dipole antennas (connector type: RP-SMA) for MX64W or MX65W	

Note: Please refer to meraki.com for additional single-mode and multi-mode fiber transceiver modules

POWER CABLES

1x power cable required for each MX, 2x power cables required for MX250 and MX450. For US customers, all required power cables will be automatically included. Customers outside the US are required to order power cords separately.

SKU

MA-PWR-CORD-US

MA-PWR-CORD-EU

MA-PWR-CORD-UK

MA-PWR-CORD-AU



Specifications

Management	Advanced Security Services ¹
Managed via the web using the Cisco Meraki dashboard	Content filtering (Webroot BrightCloud CIPA compliant URL database)
Single pane-of-glass into managing wired and wireless networks	
Zero-touch remote deployment (no staging needed)	YouTube for Schools
Automatic firmware upgrades and security patches	Intrusion-prevention sensor (Cisco SNORT® based)
Templates based multi-network management	Advanced Malware Protection (AMP)
Org-level two-factor authentication and single sign-on	AMP Threat Grid ²
Role based administration with change logging and alerts	Geography based firewall rules (MaxMind Geo-IP database)
	¹ Advanced security services require Advanced Security license
Monitoring and Reporting	² Threat Grid services require additional sample pack licensing
Throughput, connectivity monitoring and email alerts	-
Detailed historical per-port and per-client usage statistics	Integrated Wireless (MX64W, MX65W, MX67W, MX68W, MX68CW)
Application usage statistics	1 x 802.11a/n/ac (5 GHz) radio
Org-level change logs for compliance and change management	- 1 x 802.11b/g/n (2.4 GHz) radio
VPN tunnel and latency monitoring	 Max data rate 1.2 Gbps aggregate (MX64W, MX65W), 1.3Gbps aggregate (MX67W, MX68W, MX68CW)
Network asset discovery and user identification	2 x 2 MU-MIMO with two spatial streams (MX67W, MX68W, MX68CW)
Periodic emails with key utilization metrics	2 external dual-band dipole antennas (connector type: RP-SMA)
Device performance and utilization reporting	Antenna gain: 3.0 dBi @ 2.4 GHz, 3.5 dBi @ 5 GHz
Netflow support	WEP, WPA, WPA2-PSK, WPA2-Enterprise with 802.1X authentication
Syslog integration	FCC (US): 2.412-2.462 GHz, 5.150-5.250 GHz (UNII-1), 5.250-5.350 GHZ (UNII-2), 5.470-
	5.725 GHz (UNII-2e), 5.725 -5.825 GHz (UNII-3)
Remote Diagnostics	- CE (Europe): 2.412-2.484 GHz, 5.150-5.250 GHz (UNII-1), 5.250-5.350 GHZ (UNII-2)
Live remote packet capture	- 5.470-5.600 GHz, 5.660-5.725 GHz (UNII-2e)
Real-time diagnostic and troubleshooting tools	Additional regulatory information: IC (Canada), C-Tick (Australia/New Zealand), RoHS
Aggregated event logs with instant search	
	Integrated Cellular (MX67C and MX68CW only)
Network and Firewall Services	LTE bands: 2, 4, 5, 12, 13, 17, and 19 (North America). 1, 3, 5, 7, 8, 20, 26, 28A, 28B, 34, 38
Stateful firewall, 1:1 NAT, DMZ	39, 40, and 41 (Worldwide)
Identity-based policies	300 Mbps CAT 6 LTE
Auto VPN: Automated site-to-site (IPsec) VPN, for hub-and-spoke or mesh topologies	Additional regulatory information: PTCRB (US), RCM (ANZ, APAC), GCF (EU)
Client (IPsec L2TP) VPN	
Multiple WAN IP, PPPoE, NAT	Power over Ethernet (MX65, MX65W, MX68, MX68W, MX68CW) 2 x PoE+ (802.3at) LAN ports
VLAN support and DHCP services	- 30W maximum per port
Static routing	
User and device quarantine	Regulatory
N/AN D. /	FCC (US)
WAN Performance Management	- CB (IEC)
Web caching (available on the MX84, MX100, MX250, MX450)	CISPR (Australia/New Zealand)
WAN link aggregation	PTCRB (US)
Automatic Layer 3 failover (including VPN connections)	RCM (Australia/New Zealand, Asia Pacific)
3G / 4G USB modem failover or single-uplink	GCF (EU)
Application level (Layer 7) traffic analysis and shaping	
Ability to choose WAN uplink based on traffic type	Warranty
SD-WAN: Dual active VPN with policy based routing and dynamic path selection	Full lifetime hardware warranty with next-day advanced replacement included.
CAT 6 LTE modem for failover or single-uplink ¹	r an meanic naraware warrancy warrack day advanced replacement included.
INVERCE and MYERCH only	-

¹ MX67C and MX68CW only

Ordering Guide

To place an order for an MX appliance, pair a specific hardware model with a single license (which includes cloud services, software upgrades and support). For example, to order an MX64 with 3 years of Advanced Security license, order an MX64-HW with LIC-MX64-SEC-3YR. Lifetime warranty with advanced replacement is included on all hardware at no additional cost.

MODEL	LICENSE	DESCRIPTION
MX64-HW	LIC-MX64-ENT-1YR LIC-MX64-ENT-3YR LIC-MX64-ENT-5YR LIC-MX64-SEC-1YR LIC-MX64-SEC-3YR LIC-MX64-SEC-5YR	Cisco Meraki MX64, 1 year Enterprise License and Support Cisco Meraki MX64, 3 year Enterprise License and Support Cisco Meraki MX64, 5 year Enterprise License and Support Cisco Meraki MX64, 1 year Advanced Security License and Support Cisco Meraki MX64, 3 year Advanced Security License and Support Cisco Meraki MX64, 5 year Advanced Security License and Support
MX64W-HW	LIC-MX64W-ENT-1YR LIC-MX64W-ENT-3YR LIC-MX64W-ENT-5YR LIC-MX64W-SEC-1YR LIC-MX64W-SEC-3YR LIC-MX64W-SEC-5YR	Cisco Meraki MX64W, 1 year Enterprise License and Support Cisco Meraki MX64W, 3 year Enterprise License and Support Cisco Meraki MX64W, 5 year Enterprise License and Support Cisco Meraki MX64W, 1 year Advanced Security License and Support Cisco Meraki MX64W, 3 year Advanced Security License and Support Cisco Meraki MX64W, 5 year Advanced Security License and Support
MX65-HW	LIC-MX65-ENT-1YR LIC-MX65-ENT-3YR LIC-MX65-ENT-5YR LIC-MX65-SEC-1YR LIC-MX65-SEC-3YR LIC-MX65-SEC-3YR	Cisco Meraki MX65, 1 year Enterprise License and Support Cisco Meraki MX65, 3 year Enterprise License and Support Cisco Meraki MX65, 5 year Enterprise License and Support Cisco Meraki MX65, 1 year Advanced Security License and Support Cisco Meraki MX65, 3 year Advanced Security License and Support Cisco Meraki MX65, 5 year Advanced Security License and Support
MX65W-HW	LIC-MX65W-ENT-1YR LIC-MX65W-ENT-3YR LIC-MX65W-ENT-5YR LIC-MX65W-SEC-1YR LIC-MX65W-SEC-3YR LIC-MX65W-SEC-3YR	Cisco Meraki MX65W, 1 year Enterprise License and Support Cisco Meraki MX65W, 3 year Enterprise License and Support Cisco Meraki MX65W, 5 year Enterprise License and Support Cisco Meraki MX65W, 1 year Advanced Security License and Support Cisco Meraki MX65W, 3 year Advanced Security License and Support Cisco Meraki MX65W, 5 year Advanced Security License and Support
MX84-HW	LIC-MX84-ENT-1YR LIC-MX84-ENT-3YR LIC-MX84-ENT-5YR LIC-MX84-SEC-1YR LIC-MX84-SEC-3YR LIC-MX84-SEC-5YR	Cisco Meraki MX84, 1 year Enterprise License and Support Cisco Meraki MX84, 3 year Enterprise License and Support Cisco Meraki MX84, 5 year Enterprise License and Support Cisco Meraki MX84, 1 year Advanced Security License and Support Cisco Meraki MX84, 3 year Advanced Security License and Support Cisco Meraki MX84, 5 year Advanced Security License and Support
MX100-HW	LIC-MX100-ENT-1YR LIC-MX100-ENT-3YR LIC-MX100-ENT-5YR LIC-MX100-SEC-1YR LIC-MX100-SEC-3YR LIC-MX100-SEC-5YR	Cisco Meraki MX100, 1 year Enterprise License and Support Cisco Meraki MX100, 3 year Enterprise License and Support Cisco Meraki MX100, 5 year Enterprise License and Support Cisco Meraki MX100, 1 year Advanced Security License and Support Cisco Meraki MX100, 3 year Advanced Security License and Support Cisco Meraki MX100, 5 year Advanced Security License and Support
vMX100	LIC-VMX100-1YR LIC-VMX100-3YR LIC-VMX100-5YR	Cisco Meraki vMX100, 1 year License and Support Cisco Meraki vMX100, 3 year License and Support Cisco Meraki vMX100, 5 year License and Support

*Note: For each MX product, additional 7 or 10 year Enterprise or Advanced Security licensing options are also available (ex: LIC-MX100-SEC-7YR).

Ordering Guide

To place an order for an MX appliance, pair a specific hardware model with a single license (which includes cloud services, software upgrades and support). For example, to order an MX64 with 3 years of Advanced Security license, order an MX64-HW with LIC-MX64-SEC-3YR. Lifetime warranty with advanced replacement is included on all hardware at no additional cost.

MODEL	LICENSE	DESCRIPTION
MX67-HW	LIC-MX67-ENT-1YR LIC-MX67-ENT-3YR LIC-MX67-ENT-5YR LIC-MX67-ENT-7YR LIC-MX67-SEC-1YR LIC-MX67-SEC-3YR LIC-MX67-SEC-5YR LIC-MX67-SEC-5YR LIC-MX67-SEC-7YR LIC-MX67-SEC-10YR	Cisco Meraki MX67, 1 year Enterprise License and Support Cisco Meraki MX67, 3 year Enterprise License and Support Cisco Meraki MX67, 5 year Enterprise License and Support Cisco Meraki MX67, 7 year Enterprise License and Support Cisco Meraki MX67, 10 year Enterprise License and Support Cisco Meraki MX67, 1 year Advanced Security License and Support Cisco Meraki MX67, 3 year Advanced Security License and Support Cisco Meraki MX67, 5 year Advanced Security License and Support Cisco Meraki MX67, 7 year Advanced Security License and Support Cisco Meraki MX67, 7 year Advanced Security License and Support Cisco Meraki MX67, 7 year Advanced Security License and Support Cisco Meraki MX67, 7 year Advanced Security License and Support
MX67W-HW	LIC-MX67W-ENT-1YR LIC-MX67W-ENT-3YR LIC-MX67W-ENT-5YR LIC-MX67W-ENT-7YR LIC-MX67W-ENT-10YR LIC-MX67W-SEC-1YR LIC-MX67W-SEC-3YR LIC-MX67W-SEC-5YR LIC-MX67W-SEC-7YR LIC-MX67W-SEC-10YR	Cisco Meraki MX67W, 1 year Enterprise License and Support Cisco Meraki MX67W, 3 year Enterprise License and Support Cisco Meraki MX67W, 5 year Enterprise License and Support Cisco Meraki MX67V, 7 year Enterprise License and Support Cisco Meraki MX67W, 10 year Enterprise License and Support Cisco Meraki MX67W, 10 year Advanced Security License and Support Cisco Meraki MX67W, 3 year Advanced Security License and Support Cisco Meraki MX67W, 5 year Advanced Security License and Support Cisco Meraki MX67W, 7 year Advanced Security License and Support Cisco Meraki MX67W, 7 year Advanced Security License and Support Cisco Meraki MX67W, 7 year Advanced Security License and Support
MX67C-HW-NA (North America) MX67C-HW-WW (Worldwide)	LIC-MX67C-ENT-1YR LIC-MX67C-ENT-3YR LIC-MX67C-ENT-5YR LIC-MX67C-ENT-7YR LIC-MX67C-ENT-10YR LIC-MX67C-SEC-1YR LIC-MX67C-SEC-3YR LIC-MX67C-SEC-5YR LIC-MX67C-SEC-7YR LIC-MX67C-SEC-10YR	Cisco Meraki MX67C, 1 year Enterprise License and Support Cisco Meraki MX67C, 3 year Enterprise License and Support Cisco Meraki MX67C, 5 year Enterprise License and Support Cisco Meraki MX67C, 10 year Enterprise License and Support Cisco Meraki MX67C, 10 year Enterprise License and Support Cisco Meraki MX67C, 1 year Advanced Security License and Support Cisco Meraki MX67C, 3 year Advanced Security License and Support Cisco Meraki MX67C, 5 year Advanced Security License and Support Cisco Meraki MX67C, 7 year Advanced Security License and Support Cisco Meraki MX67C, 7 year Advanced Security License and Support Cisco Meraki MX67C, 10 year Advanced Security License and Support
MX68-HW	LIC-MX68-ENT-1YR LIC-MX68-ENT-3YR LIC-MX68-ENT-5YR LIC-MX68-ENT-7YR LIC-MX68-SEC-1YR LIC-MX68-SEC-3YR LIC-MX68-SEC-3YR LIC-MX68-SEC-5YR LIC-MX68-SEC-7YR LIC-MX68-SEC-10YR	Cisco Meraki MX68, 1 year Enterprise License and Support Cisco Meraki MX68, 3 year Enterprise License and Support Cisco Meraki MX68, 5 year Enterprise License and Support Cisco Meraki MX68, 7 year Enterprise License and Support Cisco Meraki MX68, 10 year Enterprise License and Support Cisco Meraki MX68, 1 year Advanced Security License and Support Cisco Meraki MX68, 3 year Advanced Security License and Support Cisco Meraki MX68, 5 year Advanced Security License and Support Cisco Meraki MX68, 7 year Advanced Security License and Support Cisco Meraki MX68, 7 year Advanced Security License and Support Cisco Meraki MX68, 7 year Advanced Security License and Support
MX68W-HW	LIC-MX68W-ENT-1YR LIC-MX68W-ENT-3YR LIC-MX68W-ENT-5YR LIC-MX68W-ENT-7YR LIC-MX68W-ENT-10YR LIC-MX68W-SEC-1YR LIC-MX68W-SEC-3YR LIC-MX68W-SEC-5YR LIC-MX68W-SEC-7YR LIC-MX68W-SEC-10YR	Cisco Meraki MX68W, 1 year Enterprise License and Support Cisco Meraki MX68W, 3 year Enterprise License and Support Cisco Meraki MX68W, 5 year Enterprise License and Support Cisco Meraki MX68W, 10 year Enterprise License and Support Cisco Meraki MX68W, 10 year Enterprise License and Support Cisco Meraki MX68W, 1 year Advanced Security License and Support Cisco Meraki MX68W, 3 year Advanced Security License and Support Cisco Meraki MX68W, 5 year Advanced Security License and Support Cisco Meraki MX68W, 5 year Advanced Security License and Support Cisco Meraki MX68W, 7 year Advanced Security License and Support Cisco Meraki MX68W, 7 year Advanced Security License and Support
MX68CW-HW-NA (North America) MX68CW-HW-WW (Worldwide)	LIC-MX68CW-ENT-1YR LIC-MX68CW-ENT-3YR LIC-MX68CW-ENT-5YR LIC-MX68CW-ENT-7YR LIC-MX68CW-ENT-10YR LIC-MX68CW-SEC-1YR LIC-MX68CW-SEC-3YR LIC-MX68CW-SEC-5YR LIC-MX68CW-SEC-7YR LIC-MX68CW-SEC-10YR	Cisco Meraki MX68CW, 1 year Enterprise License and Support Cisco Meraki MX68CW, 3 year Enterprise License and Support Cisco Meraki MX68CW, 5 year Enterprise License and Support Cisco Meraki MX68CW, 10 year Enterprise License and Support Cisco Meraki MX68CW, 10 year Enterprise License and Support Cisco Meraki MX68CW, 1 year Advanced Security License and Support Cisco Meraki MX68CW, 3 year Advanced Security License and Support Cisco Meraki MX68CW, 5 year Advanced Security License and Support Cisco Meraki MX68CW, 5 year Advanced Security License and Support Cisco Meraki MX68CW, 7 year Advanced Security License and Support Cisco Meraki MX68CW, 7 year Advanced Security License and Support Cisco Meraki MX68CW, 10 year Advanced Security License and Support

*Note: For each MX product, additional 7 or 10 year Enterprise or Advanced Security licensing options are also available (ex: LIC-MX100-SEC-7YR).

Ordering Guide

To place an order for an MX appliance, pair a specific hardware model with a single license (which includes cloud services, software upgrades and support). For example, to order an MX64 with 3 years of Advanced Security license, order an MX64-HW with LIC-MX64-SEC-3YR. Lifetime warranty with advanced replacement is included on all hardware at no additional cost.

MODEL	LICENSE	DESCRIPTION
MX250-HW	LIC-MX250-ENT-1YR LIC-MX250-ENT-3YR LIC-MX250-ENT-5YR LIC-MX250-SEC-1YR LIC-MX250-SEC-3YR LIC-MX250-SEC-3YR	Cisco Meraki MX250, 1 year Enterprise License and Support Cisco Meraki MX250, 3 year Enterprise License and Support Cisco Meraki MX250, 5 year Enterprise License and Support Cisco Meraki MX250, 1 year Advanced Security License and Support Cisco Meraki MX250, 3 year Advanced Security License and Support Cisco Meraki MX250, 5 year Advanced Security License and Support
MX450-HW	LIC-MX450-ENT-1YR LIC-MX450-ENT-3YR LIC-MX450-ENT-5YR LIC-MX450-SEC-1YR LIC-MX450-SEC-3YR LIC-MX450-SEC-3YR	Cisco Meraki MX450, 1 year Enterprise License and Support Cisco Meraki MX450, 3 year Enterprise License and Support Cisco Meraki MX450, 5 year Enterprise License and Support Cisco Meraki MX450, 1 year Advanced Security License and Support Cisco Meraki MX450, 3 year Advanced Security License and Support Cisco Meraki MX450, 5 year Advanced Security License and Support

*Note: For each MX product, additional 7 or 10 year Enterprise or Advanced Security licensing options are also available (ex: LIC-MX100-SEC-7YR).