

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 Tunnels³	50	50	50	50
WAN Interfaces				
Dedicated	1 x GbE RJ45 1 x USB (cellular failover ¹)	1 x GbE RJ45 1 x USB (cellular failover ¹)	2 x GbE RJ45 1 x USB (cellular failover ¹)	2 x GbE RJ45 1 x USB (cellular failover ¹)
Dual-purpose²	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 x d x 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" x 5.2" x 1" (256mm x 132mm x 25mm)	10.0" x 5.2" x 1" (256mm x 132mm x 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 Tunnels³	50	50	50	50	50	50
WAN Interfaces Dedicated	1 x GbE RJ45 1 x USB (cellular failover ¹)	1 x GbE RJ45 1 x USB (cellular failover ¹)	1 x GbE RJ45 1 x USB (cellular failover ¹) 1 x Integrated CAT 6 LTE Cellular Modem (cellular failover)	2 x GbE RJ45 1 x USB (cellular failover ¹)	2 x GbE RJ45 1 x USB (cellular failover ¹)	2 x GbE RJ45 1 x USB (cellular failover ¹) 1 x Integrated CAT 6 LTE Cellular Modem (cellular failover)
Dual-purpose²	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
Dimensions (w x d x h)	9.4" x 5.1" x 1.1" (239mm x 130mm x 27mm)	9.4" x 6.5" x 1.1" (239mm x 164mm x 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)	5W / 14W	15W / 23W	6W / 17W	11W / 79W	19W / 87W	19W / 89W
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 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)
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 
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 Tunnels³	100	250	3,000	5,000
WAN Interfaces Dedicated	2 x GbE RJ45 1 x USB (cellular failover ¹)	1 x GbE RJ45 1 x USB (cellular failover ¹)	2 x 10GbE SFP+ 1 x USB (cellular failover ¹)	2 x 10GbE SFP+ 1 x USB (cellular failover ¹)
Dual-purpose²	-	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 x d x h)	19" x 10 " x 1.75" (483 mm x 254 mm x 44 mm)	19" x 10 " x 1.75" (483 mm x 254 mm x 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

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**.

Specifications

Management

Managed via the web using the Cisco Meraki dashboard

Single pane-of-glass into managing wired and wireless networks

Zero-touch remote deployment (no staging needed)

Automatic firmware upgrades and security patches

Templates based multi-network management

Org-level two-factor authentication and single sign-on

Role based administration with change logging and alerts

Monitoring and Reporting

Throughput, connectivity monitoring and email alerts

Detailed historical per-port and per-client usage statistics

Application usage statistics

Org-level change logs for compliance and change management

VPN tunnel and latency monitoring

Network asset discovery and user identification

Periodic emails with key utilization metrics

Device performance and utilization reporting

Netflow support

Syslog integration

Remote Diagnostics

Live remote packet capture

Real-time diagnostic and troubleshooting tools

Aggregated event logs with instant search

Network and Firewall Services

Stateful firewall, 1:1 NAT, DMZ

Identity-based policies

Auto VPN: Automated site-to-site (IPsec) VPN, for hub-and-spoke or mesh topologies

Client (IPsec L2TP) VPN

Multiple WAN IP, PPPoE, NAT

VLAN support and DHCP services

Static routing

User and device quarantine

WAN Performance Management

Web caching (available on the MX84, MX100, MX250, MX450)

WAN link aggregation

Automatic Layer 3 failover (including VPN connections)

3G / 4G USB modem failover or single-uplink

Application level (Layer 7) traffic analysis and shaping

Ability to choose WAN uplink based on traffic type

SD-WAN: Dual active VPN with policy based routing and dynamic path selection

CAT 6 LTE modem for failover or single-uplink¹

¹ MX67C and MX68CW only

Advanced Security Services¹

Content filtering (Webroot BrightCloud CIPA compliant URL database)

Web search filtering (including Google / Bing SafeSearch)

YouTube for Schools

Intrusion-prevention sensor (Cisco SNORT[®] based)

Advanced Malware Protection (AMP)

AMP Threat Grid²

Geography based firewall rules (MaxMind Geo-IP database)

¹ Advanced security services require Advanced Security license

² Threat Grid services require additional sample pack licensing

Integrated Wireless (MX64W, MX65W, MX67W, MX68W, MX68CW)

1 x 802.11a/n/ac (5 GHz) radio

1 x 802.11b/g/n (2.4 GHz) radio

Max data rate 1.2 Gbps aggregate (MX64W, MX65W), 1.3Gbps aggregate (MX67W, MX68W, MX68CW)

2 x 2 MU-MIMO with two spatial streams (MX67W, MX68W, MX68CW)

2 external dual-band dipole antennas (connector type: RP-SMA)

Antenna gain: 3.0 dBi @ 2.4 GHz, 3.5 dBi @ 5 GHz

WEP, WPA, WPA2-PSK, WPA2-Enterprise with 802.1X authentication

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)

CE (Europe): 2.412-2.484 GHz, 5.150-5.250 GHz (UNII-1), 5.250-5.350 GHz (UNII-2) 5.470-5.600 GHz, 5.660-5.725 GHz (UNII-2e)

Additional regulatory information: IC (Canada), C-Tick (Australia/New Zealand), RoHS

Integrated Cellular (MX67C and MX68CW only)

LTE bands: 2, 4, 5, 12, 13, 17, and 19 (North America), 1, 3, 5, 7, 8, 20, 26, 28A, 28B, 34, 38, 39, 40, and 41 (Worldwide)

300 Mbps CAT 6 LTE

Additional regulatory information: PTCRB (North America), RCM (ANZ, APAC), GCF (EU)

Power over Ethernet (MX65, MX65W, MX68, MX68W, MX68CW)

2 x PoE+ (802.3at) LAN ports

30W maximum per port

Regulatory

FCC (US)

CB (IEC)

CISPR (Australia/New Zealand)

PTCRB (North America)

RCM (Australia/New Zealand, Asia Pacific)

GCF (EU)

Warranty

Full lifetime hardware warranty with next-day advanced replacement included.

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-5YR	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-5YR	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-ENT-10YR LIC-MX67-SEC-1YR LIC-MX67-SEC-3YR 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, 10 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 MX67W, 7 year Enterprise License and Support Cisco Meraki MX67W, 10 year Enterprise License and Support Cisco Meraki MX67W, 1 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, 10 year Advanced Security License and Support
MX67C-HW-NA <i>h §^α Z ≠ z^αxu</i> MX67C-HW-WW <i>q §^α yz</i>	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, 7 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, 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-ENT-10YR LIC-MX68-SEC-1YR 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, 10 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, 7 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, 7 year Advanced Security License and Support Cisco Meraki MX68W, 10 year Advanced Security License and Support
MX68CW-HW-NA <i>h §^α Z ≠ z^αxu</i> MX68CW-HW-WW <i>q §^α yz</i>	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, 7 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, 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-5YR	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-5YR	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).

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
Fixed external wireless and LTE paddle antennas	MX68CW
Removable external LTE paddle antennas	MX67C

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 third-party 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-100WAC	Replacement Power Adapter (100W) for MX68, MX68W, MX68CW
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, MX65W, MX67W, or MX68W

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

