

MX65W-HW Datasheet

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Overview

MX65W-HW is a Meraki MX65W Router/Security Appliance with 802.11ac. Cisco Meraki MX Security & SD-WAN 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 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.

Quick Spec

Table 1 shows the quick spec.

Model	MX65W-HW
Recommended Use Cases	Small branch
Recommended Clients	50
Stateful Firewall Throughput	250 Mbps
Advanced Security Throughput	200 Mbps
Maximum VPN Throughput	100 Mbps
Maximum Concurrent VPN Tunnels	50
WAN Interfaces	Dedicated: 2 x GbE RJ45 1 x USB (cellular failover) Dual-purpose: N/A
LAN Interfaces	10 x GbE RJ45 (2 x PoE+)
Mounting	Desktop or Wall mount
Dimensions (W x D x H)	10.0" x 5.2" x 1" (256mm x 132mm x 25mm)
Weight	3.37 lb (1.53 kg)

The Accessories and Software

Table 2 shows the recommended products.

Model	Description
MA-PWR-90WAC	Replacement Power Adapter (90W) for MX65, MX65W
MA-ANT-MX	One pair of external dual-band dipole antennas (connector type: RP-SMA) for MX64W or MX65W
LIC-MX65W-ENT-1YR	Cisco Meraki MX65W, 1 year Enterprise License and Support
LIC-MX65W-ENT-3YR	Cisco Meraki MX65W, 3 year Enterprise License and Support
LIC-MX65W-ENT-5YR	Cisco Meraki MX65W, 5 year Enterprise License and Support
LIC-MX65W-SEC-1YR	Cisco Meraki MX65W, 1 year Advanced Security License and Support
LIC-MX65W-SEC-3YR	Cisco Meraki MX65W, 3 year Advanced Security License and Support
LIC-MX65W-SEC-5YR	Cisco Meraki MX65W, 5 year Advanced Security License and Support

Compare to Similar Items

Table 3 shows the comparison.

Model	MX64-HW	MX64W-HW	MX65-HW	MX65W-HW
Description	Meraki MX64 Router/Security Appliance	Meraki MX64W Router/Security Appliance with 802.11ac	Meraki MX65 Router/Security Appliance	Meraki MX65W Router/Security Appliance with 802.11ac
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	50	50	50	50
WAN Interfaces	Dedicated: 1 x GbE RJ45 1 x USB (cellular failover) Dual-purpose: 1 x GbE RJ45	Dedicated: 1 x GbE RJ45 1 x USB (cellular failover) Dual-purpose: 1 x GbE RJ45	Dedicated: 2 x GbE RJ45 1 x USB (cellular failover) Dual-purpose: N/A	Dedicated: 2 x GbE RJ45 1 x USB (cellular failover) Dual-purpose: N/A
LAN Interfaces	Fixed: 4 x GbE RJ45	Fixed: 4 x GbE RJ45	10 x GbE RJ45 (2 x PoE+)	10 x GbE RJ45 (2 x PoE+)

Get More Information

Do you have any question about the MX65W-HW?

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Specification

MX65W-HW Specification	
Recommended Use Cases	Small branch
Recommended Clients	50
Stateful Firewall Throughput	250 Mbps
Advanced Security Throughput	200 Mbps
Maximum VPN Throughput	100 Mbps
Maximum Concurrent VPN Tunnels	50
WAN Interfaces	Dedicated: 2 x GbE RJ45 1 x USB (cellular failover) Dual-purpose: N/A
LAN Interfaces	10 x GbE RJ45 (2 x PoE+)
Mounting	Desktop or Wall mount
Dimensions (W x D x H)	10.0" x 5.2" x 1" (256mm x 132mm x 25mm)
Weight	3.37 lb (1.53 kg)
Web Caching	-

Power Supply	90W DC (included)
Power Load (idle/max)	9W / 79W
Operating Temperature	32°F to 104°F (0°C to 40°C)
Humidity	5% to 95%
Power over Ethernet	2 x PoE+ (802.3at) LAN ports 30W maximum per port
Integrated Wireless	<ul style="list-style-type: none"> - 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), - 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
Management	<ul style="list-style-type: none"> - 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
Network and Firewall Services	<ul style="list-style-type: none"> - 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
Regulatory	<p>FCC (US) CB (IEC) CISPR (Australia/New Zealand) PTCRB (US) RCM (Australia/New Zealand, Asia Pacific) GCF (EU)</p>

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Support and Resources

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