

Cisco Meraki MX75-HW

Cloud-Managed Security & SD-WAN Appliance

DATASHEET

Product Overview: The Cisco Meraki MX75-HW is a powerful, compact security appliance designed specifically for small-to-medium branch offices and distributed enterprise sites. Engineered for environments with up to 200 concurrent users, it seamlessly combines cloud-based unified management, next-generation security (NGFW), automated SD-WAN capabilities, and dual-WAN resilience into a desktop-ready form factor.

1 Gbps

STATEFUL FW
THROUGHPUT

750 Mbps

ADVANCED SECURITY

500 Mbps

SITE-TO-SITE VPN

200

RECOMMENDED USERS

HARDWARE & INTERFACE SPECIFICATIONS

Interface Category	Specification Details
Dedicated WAN Ports	3 Uplinks: 1× 1 GbE SFP Slot, 2× 1 GbE RJ45 Ports
Dedicated LAN Ports	10× 1 GbE RJ45 Ports
Power over Ethernet (PoE)	2× RJ45 LAN Ports with PoE+ capabilities (IEEE 802.3at)
Cellular / Failover Port	1× USB 3.0 Port (Supports 3G/4G/5G USB cellular modems)
Form Factor	Compact Desktop / 1U Mountable (Mounting kit optional)

PERFORMANCE & SCALE

Max Stateful Firewall	1,000 Mbps (1 Gbps)
Advanced Security Throughput	750 Mbps (NGFW, IPS/IDS, AMP enabled)
Site-to-Site AutoVPN	500 Mbps throughput
Max Concurrent VPN Tunnels	75 Tunnels
Target Environment	Small-to-Medium Branch Offices (up to 200 users/devices)

PHYSICAL & POWER CHARACTERISTICS

Dimensions (W × D × H)	283 mm × 148 mm × 27 mm (11.14" × 5.83" × 1.06")
Weight	0.85 kg (1.87 lbs)
Power Supply Unit	External 100W AC Power Adapter (MA-PWR-100WAC)
Power Draw	12W Idle / 96W Max (Fully loaded with PoE draw)
Operating Conditions	Temperature: 0°C to 45°C (32°F to 113°F) Humidity: 5% to 95% non-condensing

KEY SOFTWARE & SECURITY CAPABILITIES

Centralized Cloud Dashboard

Zero-touch provisioning, centralized monitoring, configuration management, and remote diagnostic tools with global visibility.

Zero-TouchAPI Driven

SD-WAN & Dynamic Routing

Automatic path selection, dual-WAN link balancing, sub-second failover, policy-based routing, and AutoVPN mesh creation.

AutoVPNLink Failover

Advanced Cybersecurity (NGFW)

Cisco Snort-based IPS/IDS, Cisco Advanced Malware Protection (AMP), URL content filtering, and Geo-IP based firewall rules.

Snort IPSCisco AMP

Application Visibility & QoS

Layer 7 deep packet inspection (DPI), custom traffic shaping, prioritization for VoIP/SaaS applications, and client throttle rules.

Layer 7 DPIQoS Traffic Shaping

LICENSING TIERS COMPARISON

Feature / Capability	Enterprise	Advanced Security	SD-WAN Plus
Cloud Management & L3/L7 Firewall	✓	✓	✓
AutoVPN & SD-WAN Routing	✓	✓	✓
Content Filtering & Cisco AMP	—	✓	✓
Snort IPS/IDS & Geo-IP Protection	—	✓	✓
Advanced Analytics & Smart SaaS Pathing	—	—	✓

ORDERING INFORMATION & ACCESSORIES

Part Number	Description
MX75-HW	Cisco Meraki MX75 Security Appliance (Hardware Unit)
LIC-MX75-ENT-1Y	Cisco Meraki MX75 Enterprise License and Support (1 Year)
LIC-MX75-SEC-1Y	Cisco Meraki MX75 Advanced Security License and Support (1 Year)
MA-PWR-100WAC	Replacement Meraki 100W AC Power Adapter
MA-PWR-CORD-US	Standard AC Power Cord (US/EU/UK/AU options available)

Warranty & Support: The MX75-HW includes Cisco Meraki's standard limited lifetime hardware warranty with Advanced Next Business Day (NBD) replacement, alongside 24x7 technical support and continuous firmware updates included with an active Meraki license.