

Access Point EAP610

EAP610 AX1800 Ceiling Wi-Fi 6 Hotspot

High Speed: Up to 574 Mbps on 2.4 GHz and up to 1201 Mbps on 5 GHz, combined Wi-Fi speed up to 1775 Mbps

Wi-Fi 6: More simultaneous connections at high speeds

Omada SDN: Centralized management of the entire network, locally or via the cloud, from the web interface or Omada app

Seamless Roaming: Video streaming and voice communication will remain at the highest level even when users move between locations

Omada Mesh: Wireless communication between access points over long distances for convenient placement of objects

PoE+ Support: Supports PoE (802.3 at) for easy deployment and installation

Secure Guest Network: With multiple authentication methods (SMS, Facebook Wi-Fi, voucher) and many wireless security technologies



Detailed

Hardware Specifications	
Interfaces	1 Gigabit Ethernet RJ-45 port (with PoE IEEE802.3at support)
Buttons	Reset (reset settings)
Power supply	* POE 802.3 at • 12 VDC / 1A
Power consumption	12.8 W (PoE) 10.8 W (DC current)
Dimensions (W × L × H)	243 × 243 × 64 mm
Type and / or number of antennas	Built-in omnidirectional: • 2.4 GHz: 2 4dBi antennas • 5GHz: 2 5dBi antennas

Placement	Ceiling/wall mounting (mounting kit included)
Wi-Fi Settings	
Wi-Fi Standards	IEEE 802.11ax/ac/n/g/b/a
Frequency ranges	2.4 GHz and 5GHz
Transfer Rate	5 GHz: up to 1201 Mbps 2.4 GHz: up to 574 Mbps
Wi-Fi Features	<ul style="list-style-type: none"> • 1024-QAM • OFDM symbol 4 times longer • OFDMA • Multiple SSIDs (up to 16 SSIDs, 8 for each frequency) • Enabling / disabling wireless broadcasting • Automatic channel assignment • Transmission power control (in dBm) • QoS (WMM) • MU-MIMO • Seamless Roaming • Omada Mesh • Band Steering • Load Balancing • Airtime Fairness • Beamforming • Speed Limiting • Scheduled restart • Wireless mode schedule • Wireless mode statistics for SSID / Access Point / Client
Wi-Fi network Protection	<ul style="list-style-type: none"> * Authentication Portal • Access control • MAC address filtering • Isolating wireless clients • Matching SSID -> VLAN • Detecting unauthorized access points • 802.1 X Support • WPA-Personal/Enterprise, WPA2-Personal/Enterprise, WPA3-Personal/Enterprise Encryption
Transmitter power	< 20 dBm or < 100 MW
Management	
The Omada App	Yes
Cloud access	Yes
Email notification	Yes
Managing indicators	Yes
SNMP	v1, v2c, v3
System Log	Local / Remote system Log
SSH	Yes
Web-based management interface	HTTP/HTTPS
Level 3 Management	Yes
Managing different locations	Yes
VLAN Management	Yes

Other	
Certification process	CE, FCC, RoHS
Scope of delivery	<ul style="list-style-type: none">• EAP610• Power Adapter• Mounting kit• Installation Guide
System requirements	Windows XP, Windows Vista, Windows 7, Windows 8, Windows 10, Linux
Environmental parameters	<ul style="list-style-type: none">• Operating temperature: 0...+40 °C• Storage temperature: -40...+70 °C• Operating humidity: 10-90% non-condensing• Storage humidity: 5-90% non-condensing

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