

Access Point EAP610-Outdoor

EAP610-Outdoor AX1800 Outdoor and Indoor Wi-Fi Hotspot

High-speed Wi-Fi 6: combined speed of two bands - up to 1.8 Gbit

High efficiency: OFDMA and MU-MIMO allow you to connect more devices without delays and loss of speed

Large coverage area: powerful amplifier and antennas in an IP67 weatherproof enclosure

Omada Mesh Technology: Provides Wi-Fi connectivity between access points for increased range and easy deployment

Centralized Cloud Management: Omada SDN integration for cloud access and remote management



Detailed

Hardware Specifications	
Interfaces	1 Gigabit Ethernet RJ-45 port (with IEEE802.3at and Passive PoE support)
Buttons	Reset (reset settings)
Power supply	* POE 802.3 at * Passive PoE 48V / 0.5 A (PoE adapter included)
Power consumption	* PoE: 12.5 W * DC: 10W
Dimensions (W × L × H)	* 280.4 × 106.5 × 56.8 mm (excluding antenna and mount)
Antenna	<ul style="list-style-type: none"> • 2.4 GHz: 2 4dBi antennas • 5GHz: 2 5dBi antennas

Protection	IP67
Placement	Installation on a mast or on a wall (mounting kit included)
Wi-Fi Settings	
Maximum number of simultaneous Wi-Fi connections	250
Wi-Fi Standards	IEEE 802.11ax/ac/n/g/b/a
Frequency ranges	2.4 GHz and 5GHz
Transfer Rate	<ul style="list-style-type: none"> • 2.4 GHz: 2x2 MIMO • 5GHz: 2x2 MIMO <p>* 802.11 ax: 8 Mbps to 1201 Mbps (MCS0-MCS11, NSS = 1 to 2 HE20 / 40 / 80)</p> <p>* 802.11 ac: 5 GHz: 6.5 Mbps to 867 Mbps (MCS0-MCS9, NSS = 1 to 2 VHT20 / 40 / 80) 2.4 GHz: 78 Mbps to 300 Mbps (MCS8-MCS9 VHT20/40, NSS = 1 to 3)</p> <ul style="list-style-type: none"> • 802.11 n: 6.5 Mbps to 300 Mbps (MCS0-MCS15, VHT 20/40) • 802.11 g: 6, 9, 12, 18, 24, 36, 48, 54 Mbps • 802.11 b: 1, 2, 5.5, 11 Mbps • 802.11 a: 6, 9, 12, 18, 24, 36, 48, 54 Mbit / s
EIIM	< 20 dBm or < 100 MW
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 • Scheduled Wi-Fi • Wi-Fi statistics (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
Management	
The Omada App	Yes
Email notification	Yes
SNMP	v1, v2c

System Log	Yes
SSH	Yes
Web-based management interface	Yes
Level 3 Management	Yes
Managing different locations	Yes
VLAN Management	Yes
Automatic configuration of parameters	Yes
Other	
Certification process	CE, FCC, RoHS
Scope of delivery	<ul style="list-style-type: none"> • Access Point • Passive PoE Adapter • Power Cable • Installation kit • Installation and Setup Guide
System requirements	Windows: XP, Vista, 7, 8, 10, 11; Linux
Environmental parameters	<ul style="list-style-type: none"> * Operating temperature: -30...+70 °C * Storage temperature: -40...+70 °C • Operating humidity: 10-90% non-condensing • Storage humidity: 5-90% non-condensing