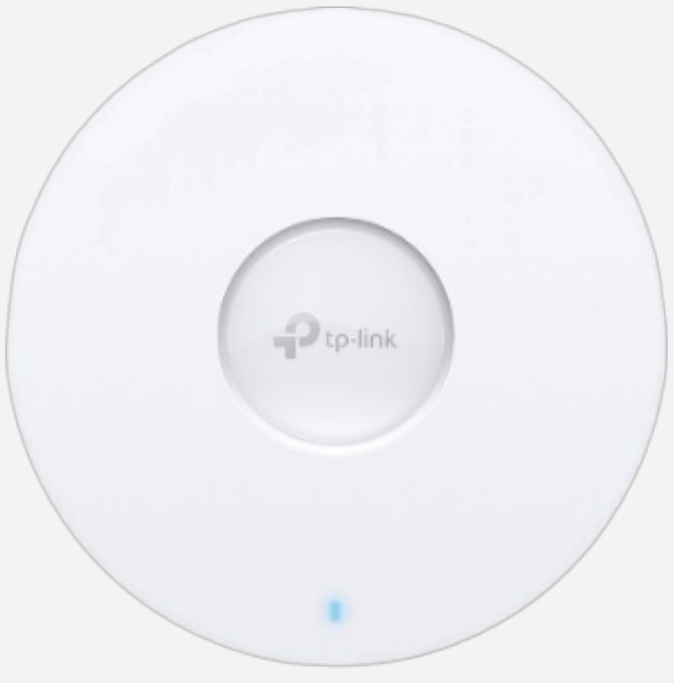
Access Point EAP620HD

EAP620HD AX1800 Ceiling Wi-Fi Access Point

High-speed Wi-Fi 6: up to 574 Mbps on 2.4 GHz and up to 1201 Mbps on 5 GHz with a total Wi-Fi speed of up to 1775 Mbps1
High-density client connectivity: 4x increased throughput for multiple devices connected simultaneously
Centralized Management: Cloud access and the Omada app for maximum convenience and easy management
Slim body: 160 × 33.6 mm
Seamless roaming: Video streaming and voice communication will stay on top even when users move between locations
Omada Mesh: Wireless communication between access points over a long distance for convenient placement
PoE+ support: Power supply via wall outlet (adapter included), PoE+ (802.3 at) and Passive PoE
Secure Guest Network: With multiple authentication methods (including SMS and voucher) and multiple wireless security technologies



Detailed

Hardware Specifications	
Interfaces	Gigabit Ethernet RJ-45 port with IEEE802.3at and Passive PoE support
Buttons	Reset (reset settings)
Power supply	* POE 802.3 at * Passive PoE 48 V • 12 VDC, 1.5 A
Power consumption	Over PoE: 14.4 W From wall outlet: 13.1 W
Dimensions (W × L × H)	160 × 160 × 33.6 mm
Type and / or number of antennas	Built-in Omni-directional: * 2.4 GHz: 4 dBi (2 pcs)

	• 5GHz: 5 dBi (2 pcs)
Placement	* Ceiling or wall mounting (mounting kit included) • Installation in the junction box
Wi-Fi Settings	
Maximum coverage area	140□(1500 ft²)***
Maximum number of concurrent sessions	1,020+**
Wi-Fi Standards	IEEE 802.11ax/ac/n/g/b/a
Frequency ranges	2.4 GHz and 5GHz
Transfer Rate	* 2.4 GHz: 2x2 MIMO, up to 574 Mbps * 5 GHz: 2x2 MIMO, up to 1201 Mbps
Wi-Fi Features	• 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 reboot • Scheduled Wi-Fi • Wi-Fi statistics for SSID / Access point / Client
Wi-Fi network Protection	* 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
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
Automatic configuration of parameters	Yes
Other	
Certification process	CE, FCC, RoHS
Scope of delivery	• Access point • Power adapter • Ceiling or wall mount kit • Installation Guide
System requirements	Microsoft Windows: XP, Vista, 7, 8, 10; Linux
Environmental parameters	• Operating temperature: 0...+40 °C • Storage temperature: -40...+70 °C • Operating humidity: 10-90 % non-condensing • Storage humidity: 5-90 % non-condensing