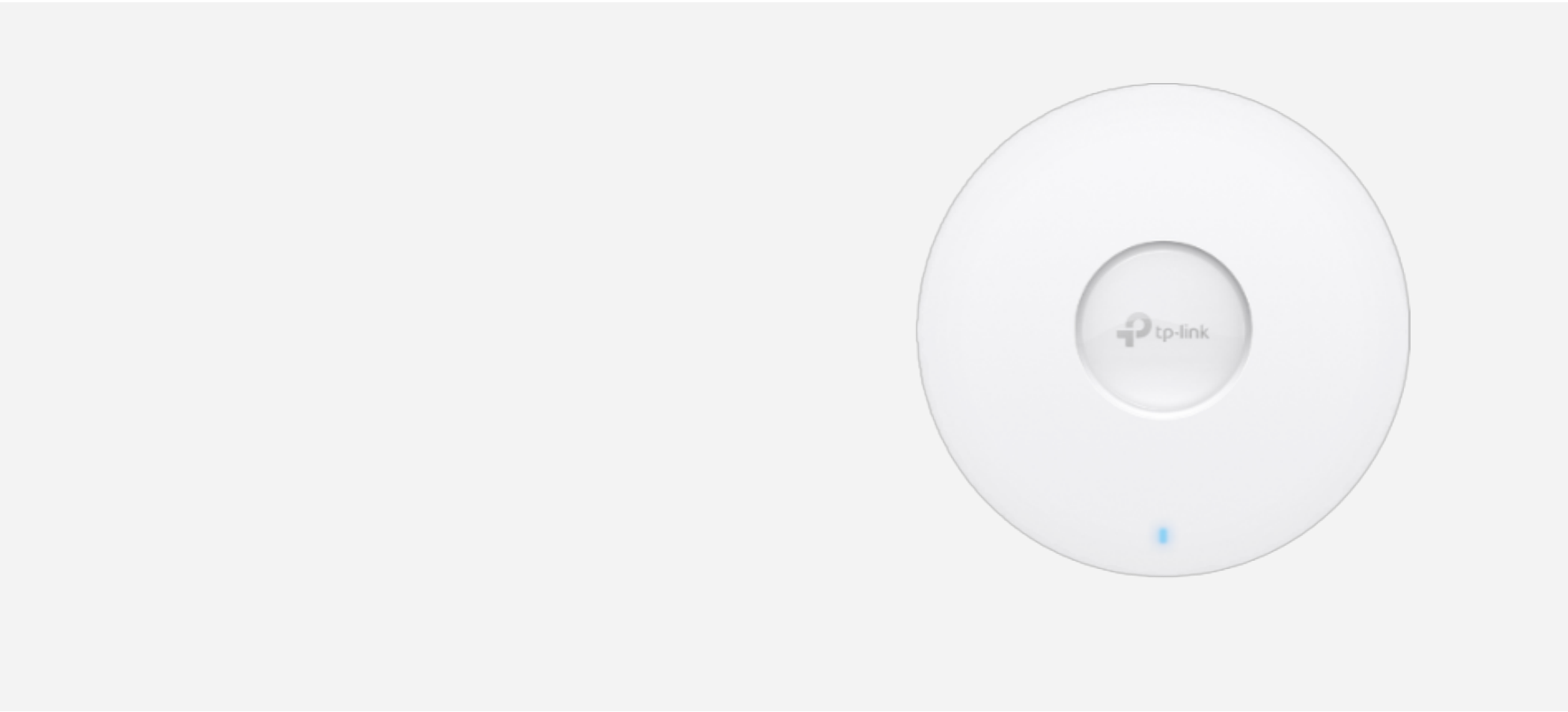## Access Point EAP610

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

- PoE+ Support: Support 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

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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	• 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	* 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	• EAP610 • Power Adapter • Mounting kit • Installation Guide
System requirements	Windows XP, Windows Vista, Windows 7, Windows 8, Windows 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