TP-Link | EAP683 LR | Omada AX6000 Ceiling Mount Wi-Fi 6 Access Point ** PoE Injector Not Included **
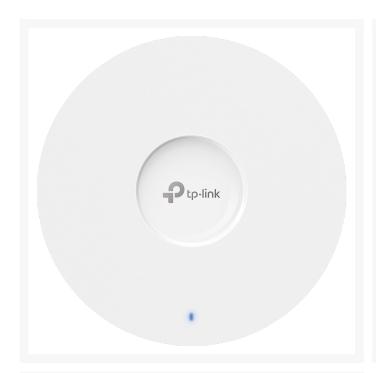
Product Images

Description

TP-Link | EAP683 LR | Omada AX6000 Ceiling Mount Wi-Fi 6 Access Point **PoE Injector Not Included**

Upgrade your network to the next level with the TP-Link EAP683 LR Omada AX6000 Ceiling Mount Wi-Fi 6 Access Point. This cutting-edge device delivers blazing-fast Wi-Fi 6 speeds, ensuring that your network can handle even the most demanding applications with ease. With simultaneous 1148Mbps on 2.4GHz and 4804Mbps on 5GHz, totaling 5952Mbps Wi-Fi speeds, you'll experience unparalleled performance for seamless streaming, gaming, and more.

Upgrade your network infrastructure with the TP-Link EAP683 LR Omada AX6000 Ceiling Mount Wi-Fi 6 Access Point and enjoy unparalleled performance, reliability, and flexibility.

FEATURES

- Blazing-Fast Wi-Fi 6 Speeds: Simultaneous 1148Mbps on 2.4GHz and 4804Mbps on 5GHz totals 5952Mbps Wi-Fi speeds [†]
- High-Efficiency Wi-Fi 6: More connected devices can enjoy faster speeds
- Centralised Cloud Management: Omada SDN integration manages the whole network locally or from the cloud via web UI or Omada app
- 160 MHz Channel: Double the data at peak transmission times on a single stream with HE160 [‡]
- Seamless Roaming: Video streams and voice calls are unaffected as users move between locations [§]
- Omada Mesh: Enables wireless connectivity between access points for extended range and flexible deployment [§]
- PoE+ Powered: Supports both 802.3at PoE+ and DC (adapter not included) power supply for flexible installations

SPECIFICATIONS

Hardware Features:

- **Interface**: 1× 2.5 Gigabit PoE+ Port
- **Button**: Reset
- **Power Supply**:
    - 802.3at PoE
    - 12V / 2 A DC
- **Dimensions**: 220 × 220 × 32.5mm
- **Antenna Type**:
    - Internal Omni
        - 2.4GHz: 4× 4dBi
        - 5GHz: 4× 5dBi
- **Weatherproof Enclosure**: IP65
- **Mounting**: Ceiling /Wall Mounting (Kits included)

Wireless Features:

- **Coverage**: 512[*]
- **Wireless Standards**: IEEE 802.11ax/ac/n/g/b/a
- **Frequency**: 2.4GHz and 5GHz
- **Signal Rate**:
    - 5GHz: Up to 4804Mbps
    - 2.4GHz: Up to 1148Mbps
- **Wireless Functions**:
    - 1024-QAM
    - 4× Longer OFDM Symbol
    - OFDMA
    - Multiple SSIDs (Up to 16 SSIDs, 8 for each band)

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- o Enable/Disable Wireless Radio
- o Automatic Channel Assignment
- o Transmit Power Control (Adjust Transmit Power on dBm)
- o QoS(WMM)
- o MU-MIMO
- o HE160 (160 MHz Bandwidth) ‡
- o Seamless Roaming §
- o Omada Mesh§
- o Band Steering
- o Load Balance
- o Airtime Fairness
- o Beamforming
- o Rate Limit
- o Reboot Schedule
- o Wireless Schedule
- o Wireless Statistics based on SSID/AP/Client
- **Wireless Security**:
  - o Captive Portal Authentication §
  - o Access Control
  - o Wireless Mac Address Filtering
  - o Wireless Isolation Between Clients
  - o SSID to VLAN Mapping
  - o Rogue AP Detection
  - o 802.1X Support
  - o WPA-Personal/Enterprise, WPA2-Personal/Enterprise, WPA3-Personal/Enterprise

Management:

- **Omada App**: Yes
- **Email Alerts**: Yes
- **LED ON/OFF Control**: Yes
- **Centralized Management**:
  - o Omada Hardware Controller (OC300)
  - o Omada Hardware Controller (OC200)
  - o Omada Software Controller
  - o Omada Cloud-Based Controller
- **Cloud Access**: Yes. Require the use of OC300, OC200, Omada Cloud-Based Controller, or Omada Software Controller
- **Management MAC Access Control**: Yes
- **SNMP**: v1, v2c, v3
- **System Logging Local/Remote Syslog**: Local/Remote Syslog
- **SSH**: Yes
- **Web-based Management**: HTTP/HTTPS
- **L3 Management**: Yes
- **Multi-site Management**: Yes
- **Management VLAN**: Yes
- **Certification**: CE, FCC, RoHS

† Maximum wireless signal rates are the physical rates derived from IEEE Standard 802.11 specifications. Actual wireless data throughput and wireless coverage are not guaranteed and will vary as a result of 1) environmental factors, including building materials, physical objects, and obstacles, 2) network conditions, including local interference, volume and density of traffic, product location, network complexity, and network overhead, and 3) client limitations, including rated performance, location, connection, quality, and client condition.

‡ Use of Wi-Fi 6 (802.11ax) and its features, including OFDMA, HE160, and 1024-QAM, require clients to support the corresponding features. The 160 MHz bandwidth is only available on the 5 GHz band. It may be unavailable in some regions/countries due to regulatory restrictions. The double channel width refers to 160 MHz compared to 80 MHz for general Wi-Fi 6 APs.

§ Omada Mesh, Seamless Roaming, and Captive Portal require the use of Omada SDN controllers. Go to /au/omada-mesh/product-list/ to find all the models supported by Omada mesh technology to find all the models supported by Omada mesh technology, and refer to the User Guides of Omada SDN controllers for configuration methods.

* The actual capacity depends on the wireless environment and client traffic and is generally less than the maximum number of client connections.

WARRANTY

1-year limited warranty

https://dataworld.com.au/product/tp-link-eap683-lr-omada-ax6000-ceiling-mount-wi-fi-6-access-point-poe-injector-not-included/

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