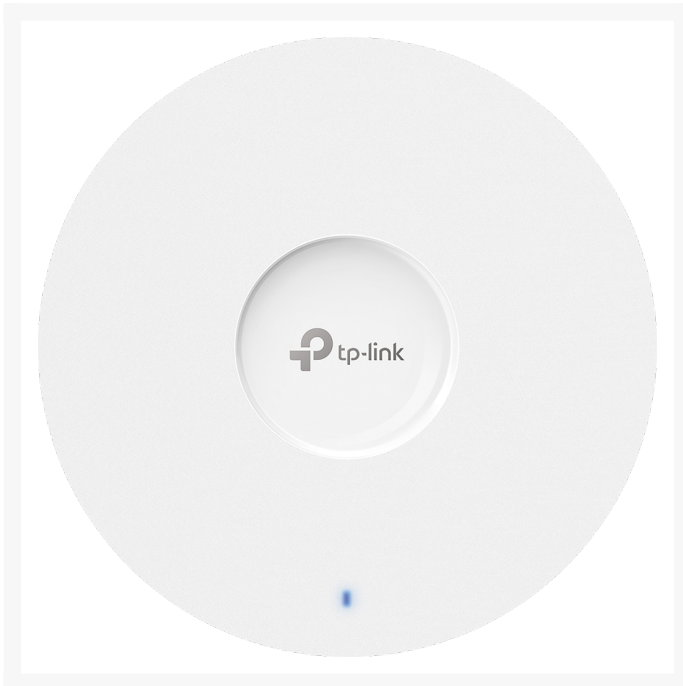




# TP-Link | EAP783 | Omada AX6000 Ceiling Mount Tri-Band Wi-Fi 7 Access Point \*\* PoE Injector not included \*\*

## Product Images

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# TP-Link | EAP783 | Omada AX6000 Ceiling Mount Tri-Band Wi-Fi 7 Access Point \*\* PoE Injector not included \*\*

Discover the future of wireless connectivity with the TP-Link EAP783 Omada AX6000 Ceiling Mount Tri-Band Wi-Fi 7 Access Point. Designed to meet the demands of modern high-density environments, this access point delivers ultra-fast Wi-Fi speeds up to 22Gbps, ensuring seamless and reliable internet access. Whether for business or leisure, the EAP783 is engineered to provide unparalleled performance and extensive coverage, indoors and out.

Experience the latest in Wi-Fi technology with the EAP783's Tri-Band functionality, ensuring multiple devices can enjoy high-speed connections simultaneously. With centralized cloud management through Omada SDN, you can effortlessly control and optimize your entire network from anywhere. The EAP783 also features seamless roaming, enabling uninterrupted video and voice communications as users move between locations.

Perfect for expansive and challenging environments, the TP-Link EAP783 integrates seamlessly into your existing network, offering robust, high-speed, and flexible connectivity. Its PoE+ support and weatherproof design make installation easy and adaptable, while advanced security features keep your network safe from threats.

## FEATURES

- **Blazing-Fast Wi-Fi 7 Speeds:** Simultaneous 1148 Mbps on 2.4GHz and 4804Mbps on 5GHz totals 5952Mbps Wi-Fi speeds
- **High-Efficiency Wi-Fi 7:** Supports more connected devices with faster speeds
- **Centralized Cloud Management:** Omada SDN integration for local or remote network management via web UI or Omada app
- **160 MHz Channel:** Double the data at peak transmission times with HE160
- **Seamless Roaming:** Uninterrupted video streams and voice calls as users move between locations
- **Omada Mesh:** Enables wireless connectivity between access points for extended range and flexible deployment
- **PoE+ Powered:** Supports 802.3at PoE+ and DC power supply for versatile installation options

## SPECIFICATIONS

### GENERAL:

- **Net Weight:** 1384.6g

### HARDWARE FEATURES:

- **Interface:** 1× 2.5 Gigabit PoE+ Port
- **Button:** Reset
- **Power Supply:** 802.3at PoE or 12 V / 2 A DC (adapter not included)
- **Power Consumption:**
  - EU: 20.43W
  - US: 23.69W
- **Dimensions:** 220 × 220 × 32.5mm
- **Antenna Type:**
  - Internal Omni (2.4GHz: 4× 4dBi, 5GHz: 4× 5dBi)
- **Mounting:** Ceiling/Wall Mounting (Kits included)

### WIRELESS FEATURES:

- **Concurrent Clients:** 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)
  - Enable/Disable Wireless Radio
  - Automatic Channel Assignment
  - Transmit Power Control
  - QoS (WMM)
  - MU-MIMO
  - HE160 (160 MHz Bandwidth)
  - Seamless Roaming
  - Omada Mesh
  - Band Steering
  - Load Balance
  - Airtime Fairness
  - Beamforming
  - Rate Limit
  - Reboot Schedule
  - Wireless Schedule
  - Wireless Statistics based on SSID/AP/Client
- **Wireless Security:**
  - Captive Portal Authentication
  - Access Control
  - Wireless Mac Address Filtering
  - Wireless Isolation Between Clients
  - SSID to VLAN Mapping
  - Rogue AP Detection
  - 802.1X Support
  - WPA-Personal/Enterprise, WPA2-Personal/Enterprise, WPA3-Personal/Enterprise
- **Transmission Power:**
  - CE: <20dBm (2.4 GHz, EIRP),
    - <23dBm (5GHz, band1 & band2, EIRP)
    - <28dBm (5GHz, band3, EIRP)
  - FCC: <26dBm (2.4GHz)
    - <26dBm (5GHz)

#### MANAGEMENT:

- **Omada App:** Yes
- **Restore & Backup:** Yes
- **Firmware Update:** Yes
- **NTP:** Yes
- **Centralized Management:**
  - Omada Hardware Controller (OC300)
  - Omada Hardware Controller (OC200)
  - Omada Software Controller
  - Omada Cloud-Based Controller
- **Cloud Access:** Yes (requires OC300, OC200, Omada Software Controller, or Omada Cloud-Based Controller)
- **Email Alerts:** Yes
- **LED ON/OFF Control:** Yes
- **Management MAC Access Control:** Yes
- **SNMP:** v1, v2c, v3
- **System Logging Local/Remote Syslog:** Yes
- **SSH:** Yes
- **Web-based Management:** HTTP/HTTPS
- **L3 Management:** Yes

- **Multi-site Management:** Yes
- **Management VLAN:** Yes
- **Zero-Touch Provisioning:** Yes (requires Omada Cloud-Based Controller)

OTHERS:

- **Certification:** CE, FCC, RoHS

## CONTENTS

- EAP783
- Ceiling/Wall Mounting Kits
- Installation Guide

## WARRANTY

1-year limited warranty

