



TP-Link EAP680 | Omada AX6000 Ceiling Mount Dual-Band Wi-Fi 6 Access Point

Product Images



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Upgrade your network infrastructure with the TP-Link EAP680 AX6000 Ceiling Mount Wi-Fi 6 Access Point, a cutting-edge solution designed to deliver blazing-fast Wi-Fi 6 speeds. With simultaneous transmission of 1148 Mbps on 2.4 GHz and 4804 Mbps on 5 GHz, experience a total of 5952 Mbps Wi-Fi speeds, ensuring seamless browsing, streaming, and downloading experiences. The high-efficiency Wi-Fi 6 technology enables more connected devices to enjoy faster speeds, making it an ideal choice for modern smart homes and businesses.

Experience centralized control and management with Omada SDN integration, allowing you to manage the entire network locally or from the cloud via the web UI or Omada app. The 160 MHz channel bandwidth doubles data transmission during peak times on a single stream with HE160, ensuring optimal performance. Enjoy seamless roaming capabilities, ensuring uninterrupted video streams and voice calls as users move between locations. With Omada Mesh technology, create a wireless connectivity network between access points for extended range and flexible deployment options. The access point supports both 802.3at PoE+ and DC power supply, providing flexibility in installations and ensuring consistent and reliable power delivery.

Stay ahead in the realm of Wi-Fi technology with the TP-Link EAP680, a feature-packed access point that combines speed, efficiency, and flexibility to meet the demands of modern networking environments. Streamline your network management and enjoy high-performance Wi-Fi with this innovative and powerful solution.

FEATURES

- **Blazing-Fast Wi-Fi 6 Speeds:** Simultaneous 1148 Mbps on 2.4 GHz and 4804 Mbps on 5 GHz totals 5952 Mbps 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 included) power supply for flexible installations

[†]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.

WARRANTY

3-Years Manufacturer's Warranty

