

# EAP | Datasheet

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## EAP773

US: BE11000 Ceiling Mount Wi-Fi 7 Access Point

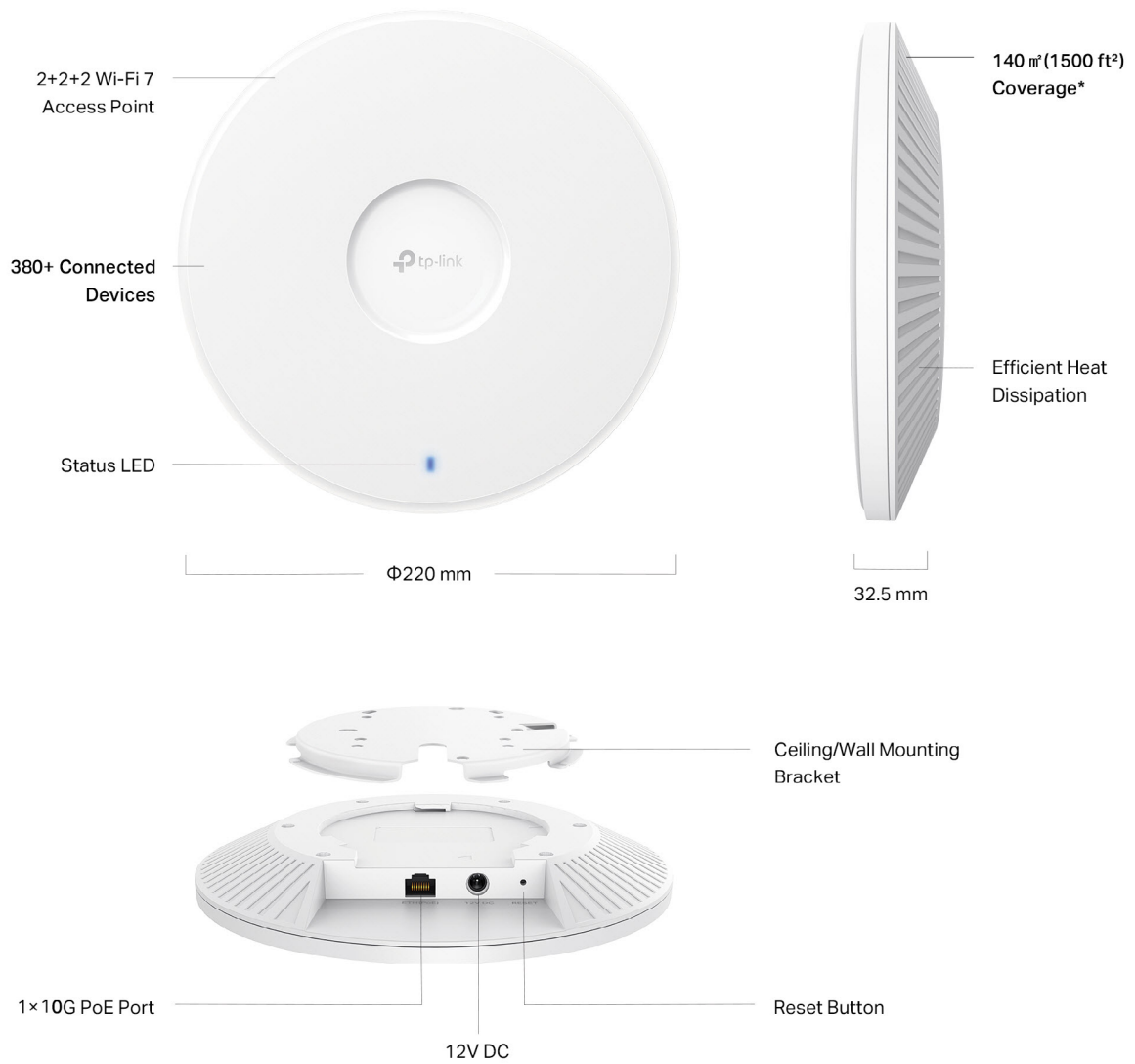
EU: BE9300 Ceiling Mount Wi-Fi 7 Access Point



## Highlights

- BE11000 Tri-Band Wi-Fi 7 for US and BE9300 Tri-Band Wi-Fi 7 for EU. Buffering will no longer be a problem.\*
- 1× 10G Port: Unlock the full potential of Wi-Fi 7.
- Clear 6 GHz Band: Brings cleaner and wider band resources to your Wi-Fi.
- 320 MHz Bandwidth: Up to 320 MHz bandwidth enables many more simultaneous transmissions at the fastest possible speeds.\*
- Low Latency and Interference: Multi-Link Operation, and Multi-RUs ensure high performance of your network.\*
- Advanced Functions: Supports centralized management, mesh, and AI roaming.\*

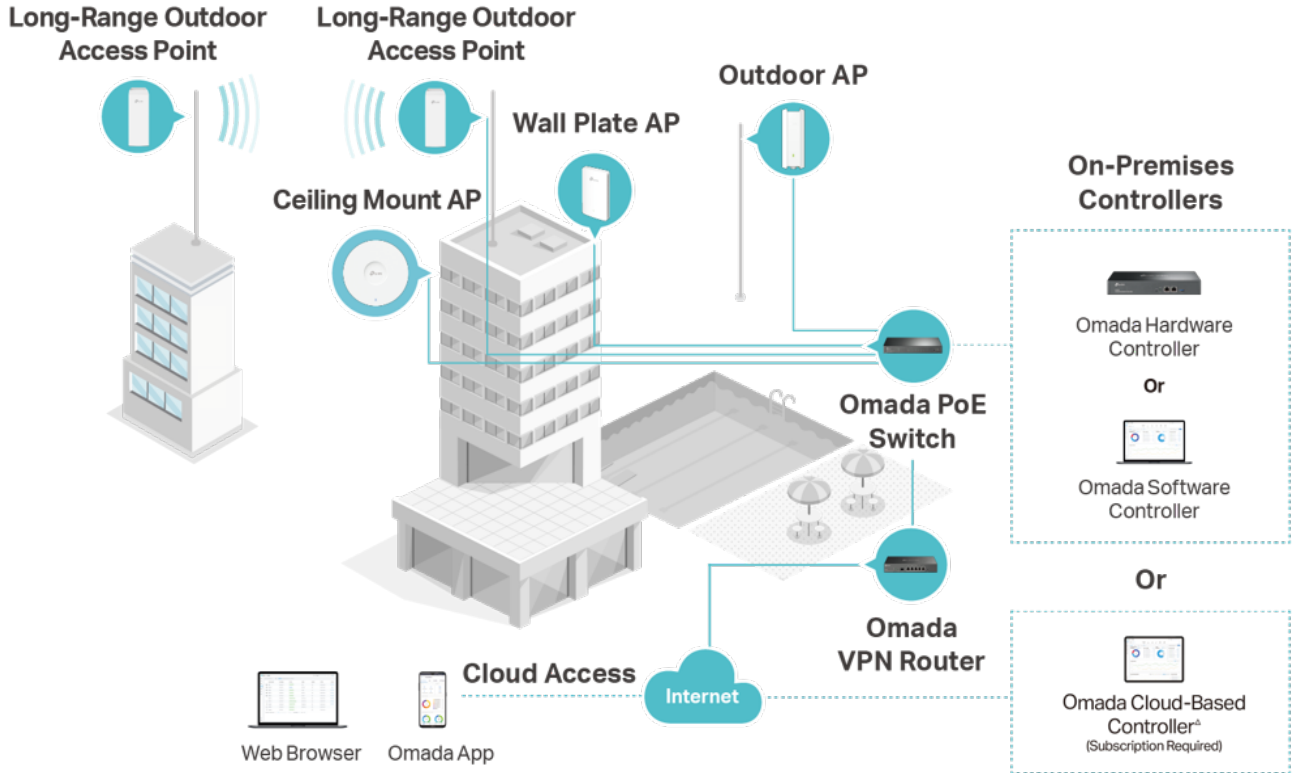
# Product Pictures



\* Coverage value is calculated based on laboratory testing. Actual coverage is not guaranteed and will vary as a result of client limitations and environmental factors.

# Omada Solution

Omada's Software Defined Networking (SDN) platform integrates network devices, including access points, switches, and gateways, providing 100% centralized cloud management. Omada creates a highly scalable network—all controlled from a single interface.



# Specifications

## Ceiling Mount Wi-Fi 7 AP

|                        |  |  |
|------------------------|--|--|
| Model                  |  | EAP773   |
| Name                   |  | US: BE11000 Ceiling Mount Wi-Fi 7 Access Point<br>EU: BE9300 Ceiling Mount Wi-Fi 7 Access Point  |
| Main Design            | LAN Interfaces   | 1x 10Gbps Ethernet Port  |
|                        | Wi-Fi Standards  | IEEE 802.11 a/b/g/n/ac/ax/be   |
|                        | Maximum Data Rate  | US: 574 Mbps (2.4 GHz) + 4320 Mbps (5 GHz) + 5760 Mbps (6 GHz)<br>EU: 574 Mbps (2.4 GHz) + 2880 Mbps (5 GHz) + 5760 Mbps (6 GHz)   |
|                        | Wireless Client Capacity   | 2 GHz: 128, 5 GHz: 128, 6 GHz: 128   |
|                        | Antennas   | 2.4GHz: 2 x 4dBi; 5GHz: 2 x 5dBi; 6GHz: 2 x 5dBi   |
|                        | Bluetooth  | 1 x 4.0 dBi, Bluetooth 5.2<br>*Firmware update may be required.  |
|                        | Transmit Power   | CE: < 20 dBm (2.4 GHz, EIRP); < 23 dBm (5 GHz, band 1&band 2, EIRP); < 28 dBm (5 GHz, band 3, EIRP); <23dBm (6 GHz, EIRP)<br>FCC:< 25 dBm (2.4 GHz); < 25 dBm (5 GHz); < 23 dBm (6 GHz)  |
|                        | Reception Sensitivity  | 2.4G:<br>11ax HE20MCS0:-96dBm; 11ax HE20MCS11:-66.5dBm<br>11ax HE40MCS0:-93dBm; 11ax HE40MCS11:-64dBm<br>5G:<br>11be EHT20MCS0:-94dBm; 11be EHTMCS13:-63dBm<br>11be EHT40MCS0:-90.5dBm; 11be EHT40MCS13:-60dBm<br>11be EHT80MCS0:-88dBm; 11be EHT80MCS13:-57.5dBm<br>11be EHT160MCS0:-85dBm; 11be EHT160MCS13:-55.5dBm<br>6G:<br>11be EHT20MCS0:-93dBm; 11be EHTMCS13:-63dBm<br>11be EHT40MCS0:-90dBm; 11be EHT40MCS13:-60dBm<br>11be EHT80MCS0:-87.5dBm; 11be EHT80MCS13:-57.5dBm<br>11be EHT160MCS0:-84dBm; 11be EHT160MCS13:-55dBm<br>11be EHT320MCS0:-81.5dBm; 11be EHT320MCS13:-52.5dBm |
| Centralized Management | Omada Software Controller  | •  |
|                        | Omada Hardware Controller  | •  |
|                        | Omada APP  | •  |
| Security               | Captive Portal Authentication  | •  |
|                        | Access Control   | •  |
|                        | Maximum number of MAC Filter   | 4000   |
|                        | Wireless Isolation between Clients   | •  |
|                        | VLAN   | •  |
|                        | Rogue AP Detection   | •  |
| Wireless Encryption    | WPA-Personal/Enterprise, WPA2-Personal/Enterprise, WPA3-Personal/Enterprise, OWE |  |

# Ceiling Mount Wi-Fi 7 AP

| Model                |                               | EAP773  |
|----------------------|-------------------------------|---|
| Wireless Function    | Multiple SSIDs                | 24 (8 on each band)   |
|                      | Channel                       | EU: 2G: 1~13; 5G: 36~140; 6G: 33~93<br>US: 2G:1~11; 5G: 36~165; 6G: 33~233  |
|                      | Enable/Disable Wireless Radio | •   |
|                      | Enable/Disable SSID Broadcast | •   |
|                      | Guest Network                 | •   |
|                      | Automatic Channel Assignment  | •   |
|                      | Transmit Power Control        | Adjust transmit Power on dBm  |
|                      | QoS (WMM)                     | •   |
|                      | Seamless Roaming              | •   |
|                      | Mesh                          | •   |
|                      | Beamforming                   | •   |
|                      | MU-MIMO                       | 2*2 DL/UL MU-MIMO   |
|                      | OFDMA                         | DL/UL OFDMA   |
|                      | Rate Limit                    | Based on SSID/Client  |
|                      | Load Balance                  | •   |
|                      | Airtime Fairness              | •   |
|                      | Band Steering                 | •   |
|                      | RADIUS Accounting             | •   |
|                      | MAC Authentication            | •   |
|                      | Reboot Schedule               | •   |
|                      | Wireless Schedule             | •   |
| Wireless Statistics  | •                             |   |
| Static IP/Dynamic IP | •                             |   |
| Support Data Rates   | 802.11be                      | 5G Band: EU: 8Mbps to 2882Mbps(MCS0—MCS13,NSS=1 to 2 BE20/40/80/160)<br>US: 8Mbps to 4324Mbps(MCS0—MCS13,NSS=1 to 2 BE20/40/80/160/240)<br>6G Band: 8Mbps to 5765Mbps(MCS0—MCS13,NSS=1 to 2 BE20/40/80/160/320) |
|                      | 802.11ax                      | 2G Band: 8Mbps to 574Mbps(MCS0—MCS11,NSS=1 to 2 HE20/40)<br>5G Band: 8Mbps to 2402Mbps(MCS0—MCS11, NSS=1 to 2 HE20/40/80/160)<br>6G Band: 8Mbps to 2402Mbps(MCS0—MCS11, NSS=1 to 2 HE20/40/80/160)              |
|                      | 802.11ac                      | 6.5Mbps to 2166.7Mbps(MCS0—MCS11,NSS=1 to 2 VHT20/40/80/160)  |
|                      | 802.11n                       | 6.5Mbps to 300Mbps(MCS0—MCS15,HT20/40)  |
|                      | 802.11g                       | 6, 9, 12, 18, 24, 36, 48, 54 Mbps   |
|                      | 802.11b                       | 1, 2, 5.5, 11 Mbps  |
|                      | 802.11a                       | 6, 9, 12, 18, 24, 36, 48, 54 Mbps   |

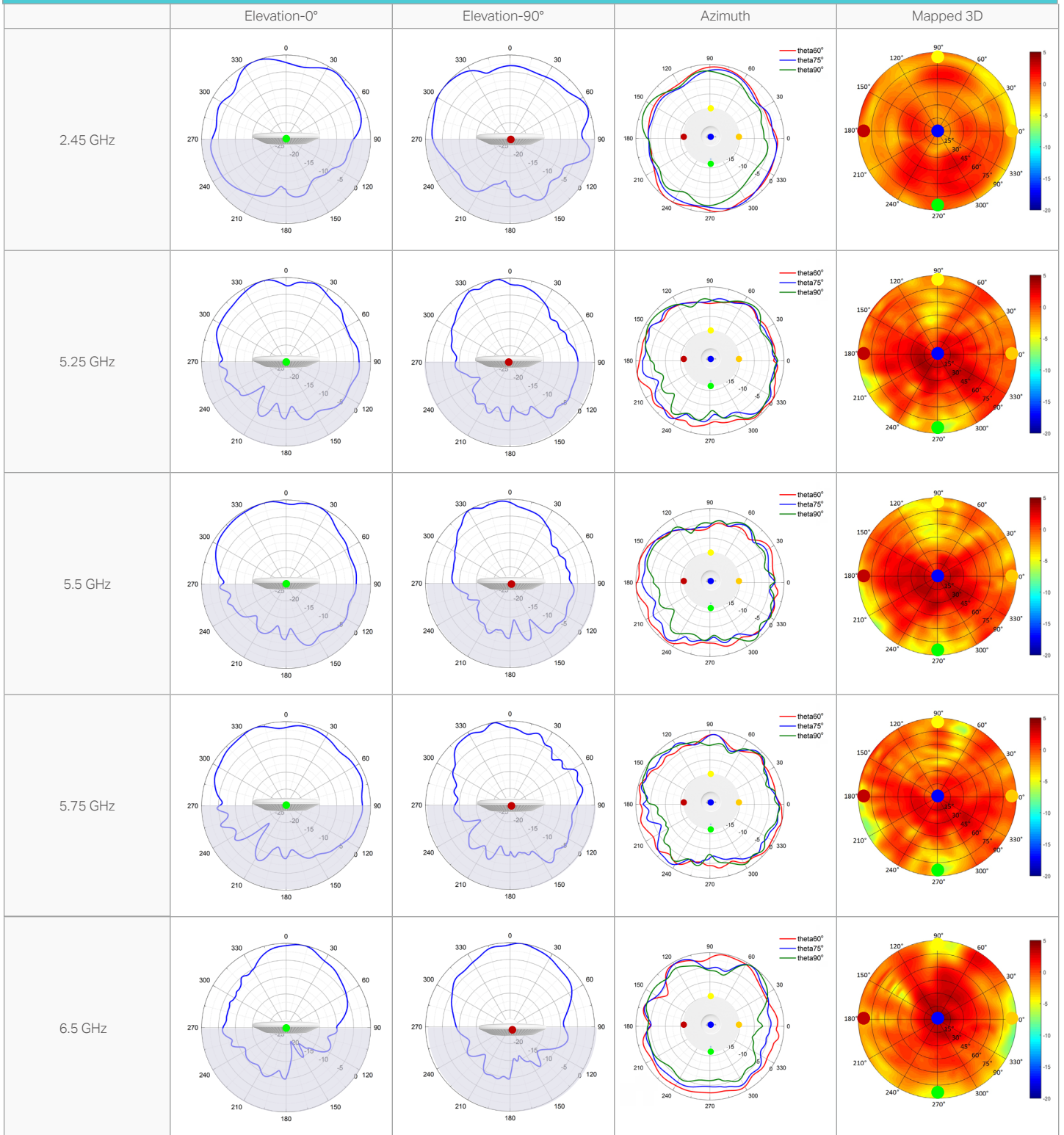
## Ceiling Mount Wi-Fi 7 AP

| Model                  |  | EAP773  |
|------------------------|--|---|
| Management             | LED ON/OFF Control   | •   |
|                        | Management MAC Access Control  | •   |
|                        | Web-based Management   | •   |
|                        | SNMP   | v1, v2c, v3   |
|                        | SSH  | •   |
|                        | Restore & Backup   | •   |
|                        | Firmware update via Web  | •   |
|                        | NTP  | •   |
|                        | System Log   | •   |
|                        | Email Alerts   | •   |
| Physical & Environment | Power Supply   | 802.3at PoE* or 12V/2.5A DC<br>DC Power Adapter Is Not Included<br>*Supported in firmware 1.0.12 Build 20240312 Rel. 51462 and later versions. Earlier versions require 802.3bt PoE power supply. |
|                        | Maximum Power Consumption  | EU: 24.05 W (For PoE); 20.92 W (For DC);<br>US: 25.44 W (For PoE); 22.57 W (For DC);  |
|                        | Reset  | •   |
|                        | Mounting   | Ceiling / Wall mouting (Kits included)  |
| Others                 | Certifications   | CE, FCC, RoHS, IC, WFA  |
|                        | Dimensions (W x D x H)   | 220 x 220 x 32.5 mm   |
|                        | Net Weight   | 736g  |
|                        | Enclosure Material / Rack Material   | Top cover: PC<br>Bottom shell: aluminum alloy<br>Mounting rack: stainless steel   |
|                        | Lightning Protection   | 2KV   |
| Environment            | Operating Temperature: 0 °C–40 °C (32 °F–104 °F);<br>Storage Temperature: -40 °C–70 °C (-40 °F–158 °F);<br>Operating Humidity: 10%–90% non-condensing;<br>Storage Humidity: 5%–90% non-condensing; |   |

# Antenna Radiation Patterns

Ceiling Mount AP

EAP773



# Disclaimers

- \* Maximum wireless signal rates are the physical rates derived from IEEE Standard 802.11 specifications. The 320 MHz bandwidth is only available on the 6 GHz band. Simultaneously, the 320 MHz bandwidth on the 6 GHz band and 160 MHz bandwidth on the 5 GHz band may be unavailable in some regions/countries due to regulatory restrictions. Double channel width and speed refer to 320 MHz compared to 160 MHz for WiFi 6 routers. Actual wireless data throughput, wireless coverage, and connected devices are not guaranteed and will vary as a result of internet service provider factors, network conditions, client limitations, and environmental factors, including building materials, obstacles, volume and density of traffic, and client location.
- \* Use of Wi-Fi 7 (802.11be), Wi-Fi 6 (802.11ax), and features including Multi-Link Operation (MLO), 320 MHz Bandwidth, 6 GHz, 4K-QAM, Multi-RUs, OFDMA, MU-MIMO and BSS Color requires clients to also support the corresponding features.
- \* Zero-Touch Provisioning and Auto Channel Selection and Power Adjustment require the use of Omada Cloud-Based Controller. Go to </en/omada-cloud-based-controller/product-list/> to confirm which models are compatible with Omada Cloud-Based Controller.
- \* The actual capacity depends on the wireless environment and client traffic and is generally less than the maximum number of client connections.
- \* Coverage value is calculated based on laboratory testing. Actual coverage is not guaranteed and will vary as a result of client limitations and environmental factors.
- \* Omada Mesh, AI Roaming, Captive Portal, and Cloud Access require the use of an Omada SDN controller. Please refer to the User Guides of Omada SDN controllers for configuration methods.
- \* PoE budget calculations are based on laboratory testing. Actual PoE power budget is not guaranteed and will vary as a result of client limitations and environmental factors.

Some models featured in this guide may be unavailable in your country or region. Visit TP-Link website for local sales information: <https://www.tp-link.com>. Specifications are subject to change without notice.

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