



Access Point TP-LINK Omada

2976 Mbps IEEE

802.11a/b/g IEEE

802.11n IEEE

802.11ac IEEE

802.11ax 1xRJ45

EAP653



Model: EAP653

Manufacturer: TP-LINK

EAN: 4897098685235

Product Code: 334141

R2,328

Power up Your Business with New-Era Business WiFi 6

WiFi 6 brings faster speeds, lower lag, less interference, and higher capacity.

Seamless Integration into Omada SDN

The Omada Software Defined Networking (SDN) platform integrates network devices, including access points, switches, and routers. It provides 100% centralized cloud management and creates a

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highly scalable network controlled from a single interface.

Auto Channel Selection and Power Adjustment to Optimize Overall Performance*

Provides powerful wireless performance while significantly reducing WiFi interference by automatically adjusting the channel settings and transmission power levels of neighboring APs in the same network.

Easy Deployment & Higher Performance by Omada Mesh\$ Easy Pairing, Less Wiring

With Mesh technology, Omada EAPs save you from extra wires by wirelessly extending your WiFi signal further and more flexibly to hard-to-wire areas.

Optimized Network Performance

Intelligent self-organization optimizes the best path between EAPs while self-healing ensures you stay online even when one AP is disrupted.

Always Stay Smooth with Fast Roaming\$

Ensures customers to enjoy uninterrupted streaming when moving around by switching clients automatically to the access points with the optimal signal.

Ultra-Slim Design Brings More Agility

Exceptional performance with compact design ensures simple WiFi installation while saving space. The elegant appearance makes EAP653 perfectly blend into any modern office, hotel, classroom, or café.

- Ultra-Fast WiFi 6 Speeds: Simultaneous 574 Mbps on 2.4 GHz and 2402 Mbps on 5 GHz totals 2976 Mbps WiFi speeds.†
- High-Efficiency WiFi 6: More connected devices can enjoy faster speeds
- Centralized 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.‡

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- 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 (DC adapter sold separately) power supply for flexible installations
- Ultra-Slim Design: Ø160 mm × 33.6 mm elegant design brings more agility

Summary: TP-Link Omada AX3000 Ceiling Mount WiFi 6 Access Point. 2.4 GHz, 5 GHz, Maximum data transfer rate: 2976 Mbit/s. Security algorithms: HTTPS, SNMP, SNMPv2, SNMPv3, SSH, WPA, WPA2, WPA3. Ethernet LAN data rates: 10,100,1000 Mbit/s. Power over Ethernet (PoE). Product colour: White | Vendor Homepage: <https://www.tp-link.com/uk/business-networking/omada-sdn-access-point/eap653/#overview> | 2.4 GHz: Yes | 5 GHz: Yes | 6 GHz: No | Airtime Fairness (ATF): Yes | Automatic channel scanning: Yes | Automatic channel selection: Yes | Band steering: Yes | BeamForming: Yes | Cabling technology: 10/100/1000Base-T(X) | Ethernet LAN data rates: 10/100/1000 | Fit AP mode features: Mesh networking | Flow control support: Yes | Frequency band: 2.4 - 5 | Maximum data transfer rate: 2976 | Maximum data transfer rate (2.4 GHz): 574 | Maximum data transfer rate (5 GHz): 2402 | MIMO: Yes | MIMO type: Multi User MIMO | Networking standards: IEEE 802.11a/IEEE 802.11ac/IEEE 802.11b/IEEE 802.11g/IEEE 802.11h | Number of users: 250 | Quality of Service (QoS) support: Yes | Rate limiting: Yes | Spread spectrum method: OFDMA | Transmitting power (CE): 27 | Transmitting power (FCC): 22 | VLAN support: Yes | MAC address filtering: Yes | Security algorithms: HTTPS/SNMP/SNMPv2/SNMPv3/SSH/WPA/WPA2/WPA3 | Firmware upgradeable: Yes | Syslog: Yes | Web-based management: Yes | DC-in jack: Yes | Ethernet LAN (RJ-45) ports: 1 | DC voltage range: 12 | Power over Ethernet (PoE): Yes | LED indicators: Yes | Placement: Ceiling,Wall | Product colour: White | Reset button: Yes | Antenna type: Internal | Depth: 160 | Height: 33.6 | Width: 160 | Package type: Box | Mounting kit: Yes | Quantity per pack: 1 | Quick start guide: Yes | Operating relative humidity (H-H): 10 - 90 | Operating temperature (T-T): 0 - 40 | Storage relative humidity (H-H): 5 - 90 | Storage temperature (T-T): -40 - 70 | Series: Omada | Model name: EAP653 | Units per Shipping Box: 16 | Unit Calculated Volume: 0.004777 | Unit Calculated Weight: 0.863

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