

TP-LINK Omada AX3000 Ceiling Mount WiFi 6 Access Point, 2.4 GHz, 5 GHz, 2976 Mbit/s, HTTPS, SNMP, SNMPv2, SNMPv3, SSH, WPA, WPA2, WPA3, 10,100,1000 Mbit/s

2976 Mbps - 160 MHz - IEEE 802.11 ax/ac/n/g/b/a - 1x Gigabit Ethernet (RJ-45) - 802.3at PoE



Group	Network Equipment
Manufacturer	TP-LINK
Manufacturer item no.	EAP653
EAN/UPC	4897098685235

Description

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 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 Mesh5 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 Roaming5

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.

Main features

General

2.4 GHz	Yes
5 GHz	Yes
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)	Yes
Product colour	White

Extended details

	Features
2.4 GHz	Yes
5 GHz	Yes
6 GHz	No
Maximum data transfer rate	2976 Mbit/s
Maximum data transfer rate (2.4 GHz)	574 Mbit/s
Maximum data transfer rate (5 GHz)	2402 Mbit/s
Ethernet LAN data rates	10,100,1000 Mbit/s
Frequency band	2.4 - 5 GHz
Networking standards	IEEE 802.11a, IEEE 802.11ac, IEEE 802.11b, IEEE 802.11g, IEEE 802.11h
Cabling technology	10/100/1000Base-T(X)
Number of users	250 user(s)
Automatic channel selection	Yes
Automatic channel scanning	Yes
MIMO	Yes
MIMO type	Multi User MIMO
Spread spectrum method	OFDMA
Fit AP mode features	Mesh networking
VLAN support	Yes
Rate limiting	Yes
Flow control support	Yes
Band steering	Yes
Airtime Fairness (ATF)	Yes
Quality of Service (QoS) support	Yes
BeamForming	Yes
Transmitting power (CE)	27 dBm
Transmitting power (FCC)	22 dBm
	Management features

Web-based management	Yes
Syslog	Yes
Firmware upgradeable	Yes
Security	
Security algorithms	HTTPS, SNMP, SNMPv2, SNMPv3, SSH, WPA, WPA2, WPA3
MAC address filtering	Yes
Design	
Placement	Ceiling, Wall
Product colour	White
Reset button	Yes
LED indicators	Yes
Antenna	
Antenna type	Internal
Operational conditions	
Operating relative humidity (H-H)	10 - 90 %
Operating temperature (T-T)	0 - 40 °C
Storage temperature (T-T)	-40 - 70 °C
Storage relative humidity (H-H)	5 - 90 %
Packaging content	
Quantity per pack	1 pc(s)
Mounting kit	Yes
Quick start guide	Yes
Weight & dimensions	
Width	160 mm
Depth	160 mm
Height	33.6 mm
Ports & interfaces	
Ethernet LAN (RJ-45) ports	1
USB 2.0 ports quantity	0
DC-in jack	Yes
Power	
Power over Ethernet (PoE)	Yes
DC voltage range	12 V
Packaging data	
Package type	Box