



## 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 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.

## TECHNICAL CHARACTERISTICS

Brand : TP-LINK

Part number : EAP653

**Caractéristiques :**

5 GHz : Y

2.4 GHz : Y

Antenna gain level (max) : 5 dBi

Antenna type : Internal

Antennas quantity : 4

Band steering : Y

Channel bandwidth : 160 MHz

Compatible operating systems : Microsoft Windows XP, Vista, Windows 7, Windows 8, Windows10, Windows 11, Linux

Depth : 160 mm

Ethernet LAN (RJ-45) ports : 1

Ethernet LAN data rates : 10,100,1000 Mbit/s

Fit AP mode features : Mesh networking

Harmonized System (HS) code : 85176990

Height : 33.6 mm

LED indicators : Y

MAC address filtering : Y

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

MIMO : Y

MIMO type : Multi User MIMO

Networking standards : IEEE 802.11a, IEEE 802.11ac, IEEE 802.11b, IEEE 802.11g, IEEE 802.11h

Number of products included : 1 pc(s)

Operating relative humidity (H-H) : 10 - 90%

Operating temperature (T-T) : 0 - 40 °C

Placement : Ceiling, Wall

Power over Ethernet (PoE) : Y

Product colour : White

Quality of Service (QoS) support : Y

Reset button : Y

Security algorithms : HTTPS, SNMP, SNMPv2, SNMPv3, SSH, WPA, WPA2, WPA3

Spread spectrum method : OFDMA

Storage relative humidity (H-H) : 5 - 90%

Storage temperature (T-T) : -40 - 70 °C

Sustainability certificates : RoHS

Transmitting power (CE) : 27 dBm

Transmitting power (FCC) : 22 dBm

Virtual LAN features : VLAN mapping

VLAN support : Y

Web-based management : Y

Width : 160 mm