

TP-LINK Omada EAP655-WALL(EU), 2.4 GHz, 5 GHz, 2402 Mbit/s, HTTPS, SNMP, SNMPv2, SNMPv3, SSH, WPA-Enterprise, WPA2-Enterprise, WPA3-Enterprise, 10,100,1000 Mbit/s

2.4 GHz (574 Mbps) - 5 GHz (2402 Mbps) - 4 x Gigabit Ethernet Port - 802.11ax/ac/n/g/b/a - 143 x 86 x 42.6 mm - EU



Group	Network Equipment
Manufacturer	TP-LINK
Manufacturer item no.	EAP655-WALL
EAN/UPC	4897098683576

Description

Match Your Room with AX3000 WiFi 6

AX3000 Wall Plate WiFi 6 Access Point

AX3000 WiFi 6 Speed

2402 Mbps on 5 GHz + 574 Mbps on 2.4 GHz

High-Efficiency WiFi 6

More connected devices enjoy faster speeds

Centralized Cloud Management

Manage the whole network locally or from the cloud

160 MHz Channel

Double the data at peak transmission times on a single stream with HE160

Enhanced Security

With guest networks, Captive Portal, and WPA3 encryption

Seamless Roaming

Uninterrupted streaming when moving between APs

Four Gigabit Ports

Three downlink gigabit ports, one with PoE pass-through

802.3af/at PoE Support

Flexible and convenient deployment

Quick, Simplified Installation

Compatible with 86 mm & EU & US standard junction box

Lightning-Fast AX3000 WiFi 6 Speeds

WiFi 6 brings faster speeds, lower lag, less interference, and higher capacity. Enjoy more than twice the speed of WiFi 5 with

new-era business WiFi 6 with speeds up to 2976 Mbps

Better User Experience with High-Performance WiFi 6 Connectivity

The latest WiFi 6 features and advanced wireless techniques guarantee higher network efficiency and lower latency.

More than Speed, Security Matters

Safeguard your network against brute force attack and snooping with WPA3 enterprise-grade security protection, portal authentication, and segregated guest networks.

Secure Guest Network with Up to 16 SSIDs

Guest networks provide enhanced security. Different SSIDs also enable flexible access management.

Boost Business with Facebook WiFi and SMS Login

Captive portals (including SMS, Facebook WiFi, Voucher) and 802.1x authentication ensure authorized guests can access the network. Boost your business with a customized marketing page

WPA3 for Worry-Free Open Public Networks

WPA3 provides more data security for previously unsecured and open WiFi hotspots with advanced enterprise security.

Full Gigabit Ports to Bridge Network

Wired devices like VoIP phones can be powered with no need for extra electrical cables. The four data ports (1 uplink + 3 downlinks) transfer data at multiple gigabits, allowing you to connect several devices to your gigabits network. One of the downlink ports offers PoE pass-through to eliminate the need for that extra power port

Quick, Simplified Installation

With an easy-to-install design, there is no need to bring someone in to install our EAP.

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

Seamless Integration into Omada SDN

The Omada Software Defined Networking (SDN) platform integrates network devices including access points, switches, and routers to provide 100% centralized cloud management and create a highly scalable network—all controlled from a single interface

Easy Management with the Omada App

Follow configuration instructions on the Omada app to get set up in minutes. Omada lets you configure settings, monitor the network status, and manage clients, all from the convenience of your mobile device.

Main features

	General
2.4 GHz	Yes
5 GHz	Yes
Maximum data transfer rate	2402 Mbit/s
Security algorithms	HTTPS, SNMP, SNMPv2, SNMPv3, SSH, WPA-Enterprise, WPA2-Enterprise, WPA3-Enterprise
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	2402 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 802.11ax, IEEE 802.11b, IEEE 802.11g, IEEE 802.11n, IEEE 802.1x, IEEE 802.3af, IEEE 802.3at
Cabling technology	10/100/1000Base-T(X)
Number of users	100 user(s)
Automatic channel selection	Yes
Wi-Fi Multimedia (WMM)/(WME)	Yes
VLAN support	Yes
Rate limiting	Yes
Wireless isolation	Yes
Band steering	Yes
Airtime Fairness (ATF)	Yes
Quality of Service (QoS) support	Yes
BeamForming	Yes
Transmitting power (CE)	20 - 23 - 26 dBm
Transmitting power (FCC)	21 - 21 dBm
	Management features
Web-based management	Yes
Syslog	Yes
Firmware upgradeable	Yes
	Security
Security algorithms	HTTPS, SNMP, SNMPv2, SNMPv3, SSH, WPA-Enterprise, WPA2-Enterprise, WPA3-Enterprise
MAC address filtering	Yes
IP address filtering	Yes
Service Set Identifier (SSID) features	Multiple SSIDs
Number of SSID supported	16
Remote Authentication Dial-In User Service (RADIUS)	Yes

Access Control List (ACL)	Yes
Design	
Placement	Wall
Product colour	White
Cable lock slot	No
Reset button	Yes
LED indicators	Yes
Antenna	
Antenna type	Internal
Antennas quantity	2
Antenna gain level (max)	5 dBi
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
Weight & dimensions	
Width	143 mm
Depth	86 mm
Height	42.6 mm
Ports & interfaces	
Ethernet LAN (RJ-45) ports	4
USB 2.0 ports quantity	0
WAN connection	Ethernet (RJ-45)
DC-in jack	Yes
Power	
Power over Ethernet (PoE)	Yes
Power consumption (typical)	12 W
Certificates	
Compliance certificates	RoHS
Certification	FCC, RoHS
Packaging data	
Package width	117 mm
Package depth	184 mm

Package height	56 mm
Package weight	400 g
Package type	Box
	Performance
Compatible operating systems	Microsoft Windows XP, Vista, Windows 7, Windows 8, Windows10, Windows 11, Linux