

TP-LINK Omada EAP245(5-PACK), 2.4 GHz, 5 GHz, 1750 Mbit/s, 64-bit WEP, 128-bit WEP, 152-bit WEP, WPA, WPA-PSK, WPA2, WPA2-PSK, 10,100,1000 Mbit/s

Kit 5x EAP245 - 12.3W - IEEE 802.11ac/n/g/b/a - 2x RJ-45 - 2.4/5 GHz

Group	Network Equipment
Manufacturer	TP-LINK
Manufacturer item no.	EAP245(5-PACK)
EAN/UPC	4897098687017



Description

Superior Wi-Fi Speeds and Performance

QCA enterprise class chipsets, dedicated high-power amplifier and professional antenna along with the latest generation 802.11ac Wave 2 MU-MIMO technology, ensure superior 1750 Mbps Wi-Fi speeds and long-range coverage over 2.4GHz and 5GHz wireless bands.

Seamless Roaming

802.11k/802.11v seamless roaming switches clients automatically to the access point with the optimal signal with a seamless transition when moving. This allows sensitive applications like VoIP and video conferences to go uninterrupted.

Secure Guest Network with Facebook W-Fi and SMS Login

Guest Network provides secure access to guests sharing your Wi-Fi network, with captive portal helping maintain only authorized guests to use the network. The addition of SMS and Facebook authentication simplifies the captive portal even further to simplify connectivity and boost your business.

Multiple PoE Options for Easy Installation

EAP245 supports both 802.3af PoE and Passive PoE power supply, can be either powered by a PoE switch or the provided PoE adapter. The addition of elegant appearance and simple mounting design for easy attachment to a wall or ceiling further makes deployment effortless and flexible.

Free Cloud Centralized Management

- Anytime, Anywhere

Omada Cloud Controller OC200 and Omada Software Controller make it easy to manage and monitor the whole Omada network in real-time, while cloud service enables remote and secure access no matter where you find yourself.

Easy Management with the Omada App

Follow configuration instructions on the free 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 a smartphone or tablet.

Main features

	General
2.4 GHz	Yes
5 GHz	Yes
Maximum data transfer rate	1750 Mbit/s

Security algorithms	64-bit WEP, 128-bit WEP, 152-bit WEP, WPA, WPA-PSK, WPA2, WPA2-PSK
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	1750 Mbit/s
Maximum data transfer rate (2.4 GHz)	450 Mbit/s
Maximum data transfer rate (5 GHz)	1300 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 802.11n, IEEE 802.1x, IEEE 802.3af
Cabling technology	10/100/1000Base-T(X)
Automatic channel selection	Yes
Automatic channel scanning	Yes
MIMO	Yes
MIMO type	Multi User MIMO
Wi-Fi Multimedia (WMM)/(WME)	Yes
VLAN support	Yes
Virtual LAN features	SSID-based VLAN assignment
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 dBm
Transmitting power (FCC)	24 dBm
Transmitting power	27 dBmW
	Management features
Web-based management	Yes
Syslog	Yes

Security	
Security algorithms	64-bit WEP, 128-bit WEP, 152-bit WEP, WPA, WPA-PSK, WPA2, WPA2-PSK
MAC address filtering	Yes
Service Set Identifier (SSID) features	Multiple SSIDs
Number of SSID supported	16
Access Control List (ACL)	Yes
Design	
Placement	Ceiling, Wall
Product colour	White
Cable lock slot	Yes
Cable lock slot type	Kensington
Reset button	Yes
LED indicators	Yes
Antenna	
Antenna type	Internal
Antenna direction type	Omni-directional
Antenna features	Integrated antenna
Antenna gain level (max)	4 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	5 pc(s)
PoE adapter included	Yes
Cables included	AC
Mounting kit	Yes
Quick start guide	Yes
Weight & dimensions	
Width	180 mm
Depth	180 mm
Height	47.5 mm
Ports & interfaces	
Ethernet LAN (RJ-45) ports	2
USB 2.0 ports quantity	0
Protocols	

Management protocols	HTTP/HTTPS
Power	
Power over Ethernet (PoE)	Yes
Power over Ethernet (PoE) type supported	Passive PoE
AC input voltage	48 V
Input current	1.5 A
Power consumption (typical)	12.3 W
Certificates	
Compliance certificates	Federal Communications Commission (FCC), CE, RoHS
Logistics data	
Harmonized System (HS) code	85176990
Packaging data	
Package width	257.5 mm
Package depth	285.5 mm
Package height	283.5 mm
Package weight	3.54 kg
Performance	
Compatible operating systems	Microsoft Windows XP, Windows Vista, Windows 7, Windows 8, Windows 10
Sustainability	
Sustainability compliance	Yes