



TP-Link EAP245 wireless access point 1300 Mbit/s White Power over Ethernet (PoE)

Brand : TP-Link

Product code: EAP245

Product name : EAP245



- Simultaneous 450Mbps on 2.4GHz and 1300Mbps on 5GHz totals 1750Mbps Wi-Fi speeds
 - Supports Seamless Roaming so even video streams and voice calls are unaffected as users move between locations
 - Cloud centralized management and Omada app for ultra convenience and easy management
 - Support Power over Ethernet(802.3at/802.3af) for convenient and affordable installation
 - Secure guest network along with multiple authentication options (SMS/Facebook Wi-Fi/ Voucher, etc.) and abundant wireless security technologies
 - Band Steering Automatically moves dual-band devices onto the wider 5GHz band for faster connections
 - Load balance ensures large numbers of users have smooth network experiences in high-density business networks
 - Supports management VLAN for an enhanced network management
- 802.3af/at PoE or, Gigabit Ethernet (RJ-45) Ports, 2.4GHz: 3 x 4dBi

Features		Power	
2.4 GHz *	✓	AC input voltage	12 V
5 GHz *	✓	Input current	1.5 A
Maximum data transfer rate *	1300 Mbit/s	Power consumption (typical)	12.3 W
Maximum data transfer rate (2.4 GHz)	450 Mbit/s	Design	
Maximum data transfer rate (5 GHz)	1300 Mbit/s	Placement *	Ceiling, Wall
Ethernet LAN data rates	10,100,1000 Mbit/s	Product colour *	White
Frequency band	2.4, 5 GHz	Cable lock slot	✓
Networking standards	IEEE 802.11a, IEEE 802.11ac, IEEE 802.11b, IEEE 802.11g, IEEE 802.11n, IEEE 802.1x, IEEE 802.3af	Cable lock slot type	Kensington
Automatic channel selection	✓	Reset button	✓
MIMO	✓	LED indicators	Power
MIMO type	Multi User MIMO	Certification	CE, FCC, RoHS
Virtual LAN features	SSID-based VLAN assignment	Antenna	
Rate limiting	✓	Antenna type *	Internal
Wireless isolation	✓	Antenna direction type	Omni-directional
Airtime Fairness (ATF)	✓	Antenna features	Integrated antenna
Quality of Service (QoS) support	✓	Antenna gain level (max)	4 dBi
Transmitting power	27 dBmW	Performance	
Security		Compatible operating systems	Microsoft Windows XP, Windows Vista, Windows 7, Windows 8, Windows 10
Security algorithms *	64-bit WEP, 128-bit WEP, 152-bit WEP, WPA, WPA-PSK, WPA2, WPA2-PSK	Weight & dimensions	
MAC address filtering	✓	Width	205.4 mm
Number of SSID supported	16	Depth	181.6 mm
Port-based Network Access Control (PNAC)	✓	Height	37.4 mm
Access Control List (ACL)	✓	Packaging content	
Management features		PoE adapter included	✓
Web-based management	✓	Mounting kit	✓
Syslog	✓	Quick start guide	✓
		Operational conditions	
		Operating relative humidity (H-H)	10 - 90%

Ports & interfaces		Operational conditions	
Ethernet LAN (RJ-45) ports *	2	Operating temperature (T-T)	0 - 40 °C
DC-in jack	✓	Storage temperature (T-T)	-40 - 70 °C
Power		Storage relative humidity (H-H)	5 - 90%
Power over Ethernet (PoE) *	✓	Logistics data	
		Harmonized System (HS) code	85176990

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