

Access Point EAP245

EAP245 AC1750 Wireless MU-MIMO Gigabit Ceiling Mount Access Point

Fast Dual-Band Wi-Fi: Simultaneous 450 Mbps on 2.4 GHz and 1300 Mbps on 5 GHz totals 1750 Mbps Wi-Fi speeds

Centralized Management: Cloud access and Omada app for ultra convenience and easy management

Seamless Roaming: Even video streams and voice calls are unaffected as users move between locations

PoE Support: Support both standard 802.3at and Passive PoE (PoE adapter included) for flexible installations

Secure Guest Network: Along with multiple authentication options (SMS/Facebook Wi-Fi/ Voucher, etc.) and abundant wireless security technologies

Advanced Wireless Tech: Optimize network performance with MU-MIMO, Band Steering, Airtime Fairness and Beamforming technologies



Detailed

HARDWARE FEATURES	
Interface	2 x Gigabit Ethernet (RJ-45) Port (One port supports IEEE802.3at PoE and Passive PoE In. Another port supports Passive PoE Out, and the power consumption of its downlink terminal devices should not exceed 5W)
Physical Security Lock	Yes
Button	Reset
Power Supply	<ul style="list-style-type: none"> • 802.3at PoE • 48V Passive PoE (+4,5pins; -7,8pins. PoE Adapter Included)
Power Consumption	EU: 14.3 W US: 16.1 W

Dimensions (W x D x H)	8.1 x 7.1 x 1.5 in (205.5 x 181.5 x 37.1 mm)
Antenna Type	<p>Internal Omni</p> <ul style="list-style-type: none"> • 2.4 GHz: 3x 3.5 dBi • 5 GHz: 3x 4 dBi
Mounting	Ceiling /Wall Mounting (Kits included)

WIRELESS FEATURES	
Coverage	1400 (1500 ft ²) [§]
Wireless Client Capacity	220+**
Concurrent Clients	220+***
Wireless Standards	IEEE 802.11ac/n/g/b/a
Frequency	2.4GHz and 5GHz
Signal Rate	<ul style="list-style-type: none"> • 5 GHz: Up to 1300 Mbps • 2.4 GHz: Up to 450 Mbps
Wireless Functions	<ul style="list-style-type: none"> • Multiple SSIDs (Up to 15 SSIDs, 8 for 2.4GHz, 7 for 5GHz) • Enable/Disable Wireless Radio • Automatic Channel Assignment • Transmit Power Control (Adjust Transmit Power on dBm) • QoS(WMM) • MU-MIMO • Seamless Roaming* • Omada Mesh* • Band Steering • Load Balance • Airtime Fairness • Beamforming • Rate Limit • Reboot Schedule • Wireless Schedule • Wireless Statistics based on SSID/AP/Client
Wireless Security	<ul style="list-style-type: none"> • Captive Portal Authentication* • Access Control • Wireless Mac Address Filtering • Wireless Isolation Between Clients • SSID to VLAN Mapping • Rogue AP Detection • 802.1X Support • 64/128/152-bit WEP / WPA / WPA2-Enterprise, • WPA-PSK / WPA2-PSK
Transmission Power	<ul style="list-style-type: none"> • CE: ≤20 dBm (2.4GHz) ≤23 dBm (5GHz) • FCC: ≤24 dBm (2.4 GHz) ≤24 dBm (5 GHz)

MANAGEMENT	
Omada App	Yes

Centralized Management	<ul style="list-style-type: none"> • Omada Cloud-Based Controller • Omada Hardware Controller (OC300) • Omada Hardware Controller (OC200) • Omada Software Controller
Cloud Access	Yes (Through OC300, OC200, Omada Cloud-Based Controller, or Omada Software Controller)
Email Alerts	Yes
LED ON/OFF Control	Yes
Management MAC Access Control	Yes
SNMP	v1, v2c
System Logging Local/Remote Syslog	Local/Remote Syslog
SSH	Yes
Web-based Management	HTTP/HTTPS
L3 Management	Yes
Multi-site Management	Yes
Management VLAN	Yes
Zero-Touch Provisioning	Yes. Requiring the use of Omada Cloud-Based Controller.

OTHERS	
Certification	CE, FCC, RoHS
Package Contents	<ul style="list-style-type: none"> • AC1750 Wireless MU-MIMO Gigabit Ceiling Mount Access Point EAP245 • Gigabit 48V Passive PoE Adapter • Power Cord • Mounting Kits • Installation Guide
System Requirements	Microsoft Windows XP, Vista, Windows 7, Windows 8, Windows10, Windows11, Linux
Environment	<ul style="list-style-type: none"> • Operating Temperature: 0-40 °C (32-104 °F) • Storage Temperature: -40-70 °C (-40-158 °F) • Operating Humidity: 10-90% RH non-condensing • Storage Humidity: 5-90% RH non-condensing