

Omada

# Business Cloud SDN Solution

Omada EAP - Business Wi-Fi Series









Omada SDN Controller



EAP265 HD  
EAP245  
EAP225 / EAP223  
EAP115 / EAP110

# EAP Product List

## Ceiling Mount 802.11n/ac AP

Picture						
Model	EAP265 HD	EAP245	EAP225	EAP223	EAP115	EAP110
Product	AC1750 Wireless MU-MIMO Gigabit Ceiling Mount Access Point	AC1750 Wireless MU-MIMO Gigabit Ceiling Mount Access Point	AC1350 Wireless MU-MIMO Gigabit Ceiling Mount Access Point	AC1350 Wireless MU-MIMO Gigabit Ceiling Mount Access Point	300Mbps Wireless N Ceiling Mount Access Point	300Mbps Wireless N Ceiling Mount Access Point
Speed	2.4 GHz: 450Mbps 5 GHz: 1300Mbps	2.4 GHz: 450Mbps 5 GHz: 1300Mbps	2.4 GHz: 450Mbps 5 GHz: 867Mbps	2.4 GHz: 450Mbps 5 GHz: 867Mbps	2.4 GHz: 300Mbps	2.4 GHz: 300Mbps
Ethernet Port	2x Gigabit Ethernet Port	2x Gigabit Ethernet Port	1x Gigabit Ethernet Port	1x Gigabit Ethernet Port	1x 10/100Mbps Ethernet Port	1x 10/100Mbps Ethernet Port
Power Supply	802.3af/at PoE / 48 V Passive PoE	<b>V4:</b> 802.3at PoE / 48 V Passive PoE <b>V3:</b> 802.3af/at PoE / 48 V Passive PoE	<b>V5:</b> 802.3af/at PoE/48 V Passive PoE <b>V4:</b> 802.3af/at PoE /24V Passive PoE	<b>V2:</b> 802.3af/at PoE /24V Passive PoE PoE Adapter Is Not Included <b>V1:</b> 802.3af/at PoE/48 V Passive PoE PoE Adapter Is Not Included	802.3af/at PoE / External 9 V/0.6 A DC power supply	24V Passive PoE
Internal Antennas	2.4 GHz: 3x 3.5 dBi 5 GHz: 3x 4 dBi	2.4 GHz: 3x 3.5 dBi 5 GHz: 3x 4 dBi	2.4 GHz: 3x 4 dBi 5 GHz: 2x 5 dBi	2.4 GHz: 3x 4 dBi 5 GHz: 2x 5 dBi	2x 4 dBi	2x 4 dBi

# Specifications

## Ceiling Mount 802.11n/ac AP

Model		EAP265 HD	EAP245	EAP225	EAP223	EAP115	EAP110
Name		AC1750 Wireless MU-MIMO Gigabit Ceiling Mount Access Point	AC1750 Wireless MU-MIMO Gigabit Ceiling Mount Access Point	AC1350 Wireless MU-MIMO Gigabit Ceiling Mount Access Point	AC1350 Wireless MU-MIMO Gigabit Ceiling Mount Access Point	300 Mbps Wireless N Access Point	300 Mbps Wireless N Access Point
Main Design	LAN Interfaces	2x Gigabit Ethernet Port		1x Gigabit Ethernet Port		1x 10/100 Mbps Ethernet Port	
	Wi-Fi Standards	IEEE 802.11 a/b/g/n/ac				IEEE 802.11 a/b/g/n	
	Maximum Data Rate	450 Mbps (2.4 GHz) + 1300 Mbps (5 GHz)		450 Mbps (2.4 GHz) + 876 Mbps (5 GHz)		300 Mbps (2.4 GHz)	
	Wireless Client Capacity	500+	220+	220+	220+	100+	
	Antennas	2.4G: 3x 3.5 dBi 5GHz: 3x 4 dBi	2.4 GHz: 3x 3.5 dBi, 5 GHz: 3x 4 dBi	2.4 GHz: 3x 4 dBi, 5 GHz: 2x 5 dBi	2.4 GHz: 3x 4 dBi, 5 GHz: 2x 5 dBi	2x 4 dBi	
	Transmit Power	CE: < 20 dBm (2.4 GHz, EIRP); < 28 dBm (5 GHz, EIRP) FCC: < 24 dBm (2.4 GHz); < 24 dBm (5 GHz)	CE: < 20 dBm (2.4 GHz, EIRP); < 28 dBm (5 GHz, EIRP) FCC: < 24 dBm (2.4 GHz); < 24 dBm (5 GHz)	CE: < 20 dBm (2.4 GHz, EIRP); < 27 dBm (5 GHz, EIRP) FCC: < 24 dBm (2.4 GHz); < 22 dBm (5 GHz)	CE: < 20 dBm (2.4 GHz, EIRP); < 27 dBm (5 GHz, EIRP) FCC: < 24 dBm (2.4 GHz); < 22 dBm (5 GHz)	CE: < 19 dBm (EIRP), FCC: < 21 dBm	
Centralized Management	Omada Software Controller	•					
	Omada Hardware Controller	•					
	Omada APP	•					
Security	Captive Portal Authentication	•					
	Access Control	•					
	Maximum number of MAC Filter	4000					
	Wireless Isolation between Clients	•					
	VLAN	•					
	Rogue AP Detection	•					
	Wireless Encryption	WPA-Personal/Enterprise, WPA2-Personal/Enterprise					
	802.1X Support	•					