

Omada

# Business Cloud SDN Solution

## Omada EAP - Business Wi-Fi Series:

EAP690E HD / EAP670 / EAP660 HD / EAP653 / EAP650 / EAP620 HD / EAP613 / EAP610 / EAP265 HD / EAP245 / EAP225 / EAP223 / EAP115 / EAP110 / EAP655-Wall / EAP650-Wall / EAP615-Wall / EAP235-Wall / EAP230-Wall / EAP225-Wall / EAP115-Wall / EAP650-Outdoor / EAP610-Outdoor / EAP225-Outdoor / EAP110-Outdoor



Omada SDN Controller



EAP690E HD  
EAP670  
EAP660 HD



EAP655-Wall



EAP615-Wall  
EAP235-Wall  
EAP225-Wall



EAP650-Outdoor  
EAP610-Outdoor



EAP265 HD  
EAP245



EAP650-Wall




EAP230-Wall  
EAP115-Wall



EAP225-Outdoor  
EAP110-Outdoor

# EAP Product List

## Ceiling Mount 802.11ax Wi-Fi 6E AP

Picture	
Model	EAP690E HD
Product	AXE11000 Ceiling Mount Quad-Band Wi-Fi 6E Access Point
Speed	2.4 GHz: 1148 Mbps, 5 GHz-1: 2402 Mbps, 5 GHz-2: 2402 Mbps, 6 GHz: 4804 Mbps
Ethernet Port	1x 10Gbps Ethernet Port
Power Supply	802.3bt PoE or 12V/4.5A DC
Internal Antennas	2.4 GHz: 4 × 4.0 dBi, 5 GHz-1: 4 × 5.0 dBi (Smart Antennas), 5 GHz-2: 4 × 5.5 dBi (Smart Antennas), 6 GHz: 4 × 5.0 dBi

## Ceiling Mount 802.11ax Wi-Fi 6 AP

Picture							
Model	EAP670	EAP660 HD	EAP653	EAP650	EAP620 HD	EAP613	EAP610
Product	AX5400 Ceiling Mount Dual-Band Wi-Fi 6 Access Point	AX3600 Ceiling Mount Dual-Band Wi-Fi 6 Access Point	AX3000 Ceiling Mount Dual-Band Wi-Fi 6 Access Point	AX3000 Ceiling Mount Dual-Band Wi-Fi 6 Access Point	AX1800 Ceiling Mount Dual-Band Wi-Fi 6 Access Point	AX1800 Ceiling Mount Dual-Band Wi-Fi 6 Access Point	AX1800 Ceiling Mount Dual-Band Wi-Fi 6 Access Point
Speed	2.4 GHz: 574 Mbps 5 GHz: 4804 Mbps	2.4 GHz: 1148 Mbps 5 GHz: 2402 Mbps	2.4 GHz: 574 Mbps 5 GHz: 2402 Mbps	2.4 GHz: 574 Mbps 5 GHz: 2402 Mbps	2.4 GHz: 574 Mbps 5 GHz: 1201 Mbps	2.4 GHz: 574 Mbps 5 GHz: 1201 Mbps	2.4 GHz: 574 Mbps 5 GHz: 1201 Mbps
Ethernet Port	1x 2.5Gbps Ethernet Port	1x 2.5Gbps Ethernet Port	1x Gigabit Ethernet Port	1x Gigabit Ethernet Port	1x Gigabit Ethernet Port	1x Gigabit Ethernet Port	1x Gigabit Ethernet Port
Power Supply	802.3at PoE or 12V/1.5A DC	802.3at PoE or 12V/2A DC	EU: 48V Passive PoE or 802.3at PoE or 12V/1A DC US: 48V Passive PoE or 802.3at PoE or 12V/1.5A DC PoE Adapter Is Not Included	EU: 48V Passive PoE or 802.3at PoE or 12V/1A DC US: 48V Passive PoE or 802.3at PoE or 12V/1.5A DC	V2: 48V Passive PoE or 802.3at PoE or 12V/1A DC V3: 48V Passive PoE or 802.3at PoE or 12V/1.5A DC	48V Passive PoE or 802.3at PoE or 12V/1A DC PoE Adapter Is Not Included	V1 & V3: 48V Passive PoE or 802.3at PoE or 12V/1A DC V2: 48V Passive PoE or 802.3at PoE or 12V/1.5A DC
Internal Antennas	2.4 GHz: 2x 4 dBi 5 GHz: 4x 5 dBi	2.4 GHz: 4x 4 dBi 5 GHz: 4x 5 dBi	2.4 GHz: 2x 4 dBi 5 GHz: 2x 5 dBi	2.4 GHz: 2x 4 dBi 5 GHz: 2x 5 dBi	2.4 GHz: 2x 4 dBi 5 GHz: 2x 5 dBi	2.4 GHz: 2x 4 dBi 5 GHz: 2x 5 dBi	2.4 GHz: 2x 4 dBi 5 GHz: 2x 5 dBi

## Ceiling Mount 802.11ax Wi-Fi 6 AP

Model		EAP670	EAP660 HD	EAP653	EAP650	EAP620 HD	EAP613	EAP610
Name		AX5400 Ceiling Mount Dual-Band Wi-Fi 6 Access Point	AX3600 Ceiling Mount Dual-Band Wi-Fi 6 Access Point	AX3000 Ceiling Mount Dual-Band Wi-Fi 6 Access Point	AX3000 Ceiling Mount Dual-Band Wi-Fi 6 Access Point	AX1800 Ceiling Mount Dual-Band Wi-Fi 6 Access Point	AX1800 Ceiling Mount Dual-Band Wi-Fi 6 Access Point	AX1800 Ceiling Mount Dual-Band Wi-Fi 6 Access Point
Main Design	LAN Interfaces	1x 2.5Gbps Ethernet Port	1x 2.5Gbps Ethernet Port	1x Gigabit Ethernet Port	1x Gigabit Ethernet Port	1x Gigabit Ethernet Port	1x Gigabit Ethernet Port	1x Gigabit Ethernet Port
	Wi-Fi Standards	IEEE 802.11 a/b/g/n/ac/ax						
	Maximum Data Rate	574 Mbps (2.4 GHz) +4804 Mbps (5 GHz)	1148 Mbps (2.4 GHz) +2402 Mbps (5 GHz)	574 Mbps (2.4 GHz) +2402 Mbps (5 GHz)	574 Mbps (2.4 GHz) +2402 Mbps (5 GHz)	574 Mbps (2.4 GHz) +1201 Mbps (5 GHz)	574 Mbps (2.4 GHz) +1201 Mbps (5 GHz)	574 Mbps (2.4 GHz) +1201 Mbps (5 GHz)
	Concurrent Clients	250+	1000+	250+	250+	1000+	250+	250+
	Antennas	2.4 GHz: 2x 4 dBi 5 GHz: 4x 5 dBi	2.4 GHz: 4x 4 dBi 5 GHz: 4x 5 dBi	2.4 GHz: 2x 4 dBi 5 GHz: 2x 5 dBi	2.4 GHz: 2x 4 dBi 5 GHz: 2x 5 dBi	2.4 GHz: 2x 4 dBi 5 GHz: 2x 5 dBi	2.4 GHz: 2x 4 dBi 5 GHz: 2x 5 dBi	2.4 GHz: 2x 4 dBi 5 GHz: 2x 5 dBi
	Transmit Power	CE: < 20 dBm (2.4 GHz, EIRP); < 23 dBm (5 GHz, band 1&band 2, EIRP); < 30 dBm (5 GHz, band 3, EIRP); FCC: < 25 dBm (2.4 GHz); < 28 dBm (5 GHz)	CE: < 20 dBm (2.4GHz, EIRP); < 23dBm (5 GHz, band1&band 2, EIRP);< 30 dBm (5 GHz,band 3, EIRP); FCC: < 26 dBm (2.4 GHz); < 26 dBm (5 GHz)	CE: < 20 dBm (2.4 GHz, EIRP); < 23 dBm (5 GHz, band 1/2, EIRP); < 27 dBm (5 GHz, band 3, EIRP); FCC: < 22 dBm (2.4 GHz); < 22 dBm (5 GHz)	CE: < 20 dBm (2.4 GHz, EIRP); < 23 dBm (5 GHz, band 1&band 2, EIRP); < 30 dBm (5 GHz, band 3, EIRP); FCC: < 25 dBm (2.4 GHz); < 25 dBm (5 GHz)	CE: < 20 dBm (2.4GHz, EIRP); < 23dBm (5 GHz, band1&band 2, EIRP);< 30 dBm (5 GHz,band 3, EIRP); FCC: < 25 dBm (2.4 GHz); < 25 dBm (5 GHz)	CE: < 20 dBm (2.4 GHz, EIRP); < 23 dBm (5 GHz, band 1&band 2, EIRP); < 30 dBm (5 GHz, band 3, EIRP); FCC: < 25 dBm (2.4 GHz); < 25 dBm (5 GHz)	CE: < 20 dBm (2.4 GHz, EIRP); < 23 dBm (5 GHz, band 1&band 2, EIRP); < 30 dBm (5 GHz, band 3, EIRP); FCC: < 25 dBm (2.4 GHz); < 25 dBm (5 GHz)
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, WPA3-Personal/Enterprise						
802.1X Support	•							

# Ceiling Mount 802.11ax Wi-Fi 6 AP

Model	EAP670	EAP660 HD	EAP653	EAP650	EAP620 HD	EAP613	EAP610	
Physical & Environment	Power Supply	802.3at PoE or 12V/1.5A DC	802.3at PoE or 12V/2A DC	EU: 48V Passive PoE or 802.3at PoE or 12V/1A DC US: 48V Passive PoE or 802.3at PoE or 12V/1.5A DC PoE Adapter Is Not Included	EU: 48V Passive PoE or 802.3at PoE or 12V/1A DC US: 48V Passive PoE or 802.3at PoE or 12V/1.5A DC	V2: 48V Passive PoE or 802.3at PoE or 12V/1A DC V3: 48V Passive PoE or 802.3at PoE or 12V/1.5A DC	48V Passive PoE or 802.3at PoE or 12V/1A DC PoE Adapter Is Not Included	V1 & V3: 48V Passive PoE or 802.3at PoE or 12V/1A DC V2: 48V Passive PoE or 802.3at PoE or 12V/1.5A DC
	Maximum Power Consumption	EU: 18.5 W (For PoE); 15 W (for DC) US: 19.8 W (For PoE); 17.8 W (for DC)	EU: 18.5 W (For PoE); 15 W (for DC) US: 22.5 W (For PoE); 18 W (for DC)	EU: 13.07 W (For PoE); 11.76 W (for DC) US: 13.98 W (For PoE); 12.58 W (for DC)	EU: 13.5 W (For PoE); 12.0 W (for DC) US: 14.7 W (For PoE); 13.25 W (for DC)	V2: EU: 12.8 W (For PoE); 10.8 W (for DC) US: 13.9 W (For PoE); 11.8 W (for DC) V3: EU: 14.4 W (For PoE); 13.1 W (for DC) US: 14.9 W (For PoE); 13.4 W (for DC)	EU: 10.6W (For PoE); 9.6W (for DC) US: 10.9W (For PoE); 9.8W (for DC)	V1: EU: 12.8 W (For PoE); 10.8 W (for DC) US: 13.9 W (For PoE); 11.8 W (for DC) V2: EU: 13.7 W (For PoE); 12.3 W (for DC) US: 14.2 W (For PoE); 12.8 W (for DC) V3: EU: 10.6W (For PoE); 9.6W (for DC) US: 10.9W (For PoE); 9.8W (for DC)
	Reset	•						
	Mounting	Ceiling / Wall mouting (Kits included)		Ceiling / Wall mouting (Kits included) / Junction Box mouting				
Others	Certifications	CE, FCC, RoHS, IC						
	Dimensions (W x D x H)	243 x 243 x 64 mm	243 x 243 x 64 mm	160 x 160 x 33 mm	160 x 160 x 33 mm	160 x 160 x 33 mm	160 x 160 x 33 mm	160 x 160 x 33 mm
	Environment	Operating Temperature: 0 °C–40 °C (32 °F–104 °F); Storage Temperature: -40 °C–70 °C (-40 °F–158 °F); Operating Humidity: 10%–90% non-condensing; Storage Humidity: 5%–90% non-condensing;						