

# Omada Solution Pro SDN Cloud

## Omada EAP - Points d'accès WiFi Pro :

EAP660 HD / EAP620 HD / EAP265 HD / EAP245 / EAP225 / EAP115 / EAP110 /  
EAP235-Wall / EAP230-Wall / EAP225-Wall / EAP115-Wall /  
EAP225-Outdoor / EAP110-Outdoor



Contrôleur Omada SDN



EAP660 HD  
EAP620 HD



EAP265 HD  
EAP245 / EAP225  
EAP115 / EAP110



EAP225-Outdoor  
EAP110-Outdoor




EAP230-Wall  
EAP115-Wall







EAP235-Wall  
EAP225-Wall

# Modèles EAP



## Plafonnier

							
Model	EAP660 HD	EAP620 HD	EAP265 HD	EAP245	EAP225	EAP115	EAP110
Product	AX3600 Wireless Dual-Band Multi-Gigabit Ceiling Mount Access Point	AX1800 Wireless Dual-Band Gigabit Ceiling Mount Access Point	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	300Mbps Wireless N Ceiling Mount Access Point	300Mbps Wireless N Ceiling Mount Access Point
Speed	2.4 GHz: 4*4 11ax, 1148 Mbps 5 GHz: 4*4 11ax, 2402 Mbps	2.4 GHz: 2*2 11ax, 574 Mbps 5 GHz: 2*2 11ax, 1201 Mbps	2.4 GHz: 450Mbps 5 GHz: 1300Mbps	2.4 GHz: 450Mbps 5 GHz: 1300Mbps	2.4 GHz: 450Mbps 5 GHz: 867Mbps	2.4 GHz: 300Mbps	2.4 GHz: 300Mbps
Ethernet Port	1 x 2.5Gbps Ethernet Port	1 x Gigabit Ethernet Port	2 x Gigabit Ethernet Port	2 x Gigabit Ethernet Port	1 x Gigabit Ethernet Port	1 x 10/100Mbps Ethernet Port	1 x 10/100Mbps Ethernet Port
Power Supply	802.3at PoE / 12V DC	802.3at PoE / 12V DC	802.3af PoE / 48 V Passive PoE	802.3af PoE / 48 V Passive PoE	802.3af PoE / 24V Passive PoE	802.3af PoE / External 9 V/0.6 A DC power supply	24V Passive PoE
Internal Antennas	2.4 GHz: 4 x 4 dBi 5 GHz: 4 x 5 dBi	2.4 GHz: 2 x 4 dBi 5 GHz: 2 x 5 dBi	2.4 GHz: 3 x 3.5 dBi 5 GHz: 3 x 4 dBi	2.4 GHz: 3 x 3.5 dBi 5 GHz: 3 x 4 dBi	2.4 GHz: 3 x 4 dBi 5 GHz: 2 x 5 dBi	2 x 4 dBi	2 x 4 dBi

## Mural

				
Model	EAP235-Wall	EAP230-Wall	EAP225-Wall	EAP115-Wall
Product	Omada AC1200 Wireless MU-MIMO Gigabit Wall Plate Access Point	Omada AC1200 Wireless MU-MIMO Gigabit Wall-Plate Access Point	Omada AC1200 Wireless MU-MIMO Wall-Plate Access Point	300Mbps Wireless N Wall-Plate Access Point
Speed	2.4 GHz: 300 Mbps 5 GHz: 867 Mbps	2.4 GHz: 300 Mbps 5 GHz: 867 Mbps	2.4 GHz: 300 Mbps 5 GHz: 867 Mbps	2.4 GHz: 300 Mbps
Ethernet Port	4 x 10/100/1000 Mbps RJ45 Ports	2 x 10/100/1000 Mbps RJ45 Ports	4 x 10/100 Mbps RJ45 Ports	2 x 10/100 Mbps RJ45 Ports
Power Supply	802.3af/at PoE	802.3af/at PoE	802.3af/at PoE	802.3af PoE
Internal Antennas	2.4 GHz: 2 x 4 dBi 5 GHz: 2 x 4 dBi	2.4 GHz: 2 x 4 dBi 5 GHz: 2 x 3.6 dBi	2.4 GHz: 2 x 3 dBi 5 GHz: 2 x 4 dBi	2 x 1.8 dBi

## Outdoor

		
Model	EAP225-Outdoor	EAP110-Outdoor
Product	AC1200 Wireless MU-MIMO Gigabit Indoor/Outdoor Access Point	300Mbps Wireless N Outdoor Access Point
Speed	2.4 GHz: 300Mbps 5 GHz: 867Mbps	2.4 GHz: 300Mbps
Ethernet Port	1 Gigabit RJ45 Port	1 10/100Mbps RJ45 Port
Power Supply	802.3af PoE / 24V Passive PoE	24V Passive PoE
Internal Antennas	2 Dual-Band Omni Antennas (External Detachable) 2.4 GHz: 3 dBi; 5 GHz: 4 dBi	2 Omni Antennas (External Detachable) 2.4 GHz: 3 dBi

# Spécifications

## Plafonnier 802.11ax

Model		EAP660 HD	EAP620 HD
Name		AX3600 Wireless Dual-Band Multi-Gigabit Ceiling Mount Access Point	AX1800 Wireless Dual-Band Gigabit Ceiling Mount Access Point
Main Design	LAN Interfaces	1 x 2.5Gbps Ethernet Port	1 x Gbps Ethernet Port
	Wi-Fi Standards	IEEE 802.11ax/ac/n/g/b/a	
	Maximum Data Rate	1148 Mbps (2.4 GHz) +2402 Mbps (5 GHz)	574 Mbps (2.4 GHz) +1201 Mbps (5 GHz)
	Concurrent Clients	1000+	1000+
	Antennas	2.4 GHz: 4 x 4 dBi 5 GHz: 4 x 5 dBi	2.4 GHz: 2 x 4 dBi 5 GHz: 2 x 5 dBi
	Transmit Power	CE: < 20 dBm (2.4 GHz, EIRP); < 23 dBm (5 GHz, EIRP) FCC: < 26 dBm (2.4 GHz); < 26 dBm (5 GHz)	CE: < 20 dBm (2.4 GHz, EIRP); < 23 dBm (5 GHz, 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	WEP, WPA-Personal/Enterprise, WPA2-Personal/Enterprise, WPA3-Personal/Enterprise	
	802.1X Support	•	
Wireless Function	Multiple SSIDs	16 (8 on each band)	
	Enable/Disable Wireless Radio	•	
	Enable/Disable SSID Broadcast	•	
	Guest Network	•	
	Automatic Channel Assignment	•	
	Transmit Power Control	Adjust transmit Power on dBm	
	QoS (WMM)	•	
	Seamless Roaming	•	
	Mesh	-	
	Beamforming	•	
	MU-MIMO	•	
	Rate Limit	Based on SSID/Client	
	Load Balance	•	
	Airtime Fairness	•	
	Band Steering	•	
	RADIUS Accounting	•	
	MAC Authentication	•	
	Reboot Schedule	•	
	Wireless Schedule	•	
	Wireless Statistics	•	
Static IP/Dynamic IP	•		

## Plafonnier 802.11ax

Model		EAP660 HD	EAP620 HD
Support Data Rates	802.11ax	8 Mbps to 2402 Mbps (MCS0-MCS11, NSS = 1 to 4 HE20/40/80)	8 Mbps to 1201 Mbps (MCS0-MCS11, NSS = 1 to 2 HE20/40/80)
	802.11ac	6.5 Mbps to 2166.7 Mbps (MCS0-MCS11, NSS = 1 to 4 VHT20/40/80)	6.5 Mbps to 1083.3 Mbps (MCS0-MCS11, NSS = 1 to 2 VHT20/40/80)
	802.11n	6.5 Mbps to 600 Mbps (MCS0-MCS31, HT20/40)	6.5 Mbps to 300 Mbps (MCS0-MCS15, HT20/40)
	802.11g	6, 9, 12, 18, 24, 36, 48, 54 Mbps	
	802.11b	1, 2, 5.5, 11 Mbps	
	802.11a	6, 9, 12, 18, 24, 36, 48, 54 Mbps	
Management	LED ON/OFF Control	•	
	Management MAC Access Control	•	
	Web-based Management	•	
	Telnet	•	
	SNMP	v1, v2c, v3	
	SSH	•	
	Restore & Backup	•	
	Firmware update via Web	•	
	NTP	•	
	System Log	•	
Email Alerts	•		
Physical & Environment	Power Supply	802.3at PoE or external 12V/2A DC power supply	802.3at PoE or external 12V/1A DC power supply
	Maximum Power Consumption	EU: 18.5 W (For PoE); 15 W (for DC) US: 22.5 W (For PoE); 18 W (for DC)	EU: 12.5 W (For PoE); 10 W (for DC) US: 14W (For PoE); 11.5 W (for DC)
	Reset	•	
	Mounting	Ceiling / Wall mouting (Kits included)	
Others	Certifications	CE, FCC, RoHS	
	Dimensions (W x D x H)	243 x 243 x 64 mm	
	Environment	Operating Temperature: 0 °C–40 °C Storage Temperature: -40 °C–70 °C Operating Humidity: 10%–90% non-condensing; Storage Humidity: 5%–90% non-condensing;	

# Mural

Model		EAP235-Wall	EAP230-Wall	EAP225-Wall	EAP115-Wall
Name		AC1200 Wireless MU-MIMO Gigabit Wall Plate Access Point	AC1200 Wireless MU-MIMO Gigabit Wall Plate Access Point	AC1200 Wireless MU-MIMO Wall Plate Access Point	300 Mbps Wireless N Wall Plate Access Point
Main Design	LAN Interfaces	Uplink: 1 10/100/1000 Mbps Ethernet Port Downlink: 3 10/100/1000 Mbps Ethernet Ports (one supports PoE Out)	Uplink: 1 10/100/1000 Mbps Ethernet Port Downlink: 1 10/100/1000 Mbps Ethernet Port	Uplink: 1 10/100 Mbps Ethernet Port Downlink: 3 10/100 Mbps Ethernet Ports (one supports PoE Out)	Uplink: 1 10/100 Mbps Ethernet Port Downlink: 1 10/100 Mbps Ethernet Port
	Wi-Fi Standards	IEEE 802.11a/b/g/n/ac			IEEE 802.11a/b/g/n
	Maximum Data Rate	300 Mbps (2.4 GHz) + 867 Mbps (5 GHz)			300 Mbps (2.4 GHz)
	Concurrent Clients	200	200	200	100
	Antennas	2.4 GHz: 2 x 4 dBi 5 GHz: 2 x 4 dBi	2.4 GHz: 2 x 4 dBi 5 GHz: 2 x 3.6 dBi	2.4 GHz: 2 x 3 dBi 5 GHz: 2 x 4 dBi	2 x 1.8 dBi
	Transmit Power	FCC: < 21 dBm (2.4 GHz); < 21 dBm (5 GHz)	CE: < 20 dBm (2.4 GHz, EIRP); < 23 dBm (5 GHz, EIRP)	CE: < 20 dBm (2.4 GHz, EIRP); < 23 dBm (5 GHz, EIRP) FCC: < 21 dBm (2.4 GHz); < 21 dBm (5 GHz)	CE: < 20 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	WEP, WPA-Personal/Enterprise, WPA2-Personal/Enterprise			
	802.1X Support	•			
Wireless Function	Multiple SSIDs	16 (8 on each band)			8
	Enable/Disable Wireless Radio	•			
	Enable/Disable SSID Broadcast	•			
	Guest Network	•			
	Automatic Channel Assignment	•			
	Transmit Power Control	Adjust transmit Power on dBm			
	QoS (WMM)	•			
	Seamless Roaming	-			
	Mesh	-			
	Beamforming	•			-
	MU-MIMO	•			-
	Rate Limit	Based on SSID/Client			
	Load Balance	•			
	Airtime Fairness	-			
	Band Steering	•			-
	RADIUS Accounting	•			
	MAC Authentication	•			
	Reboot Schedule	•			
	Wireless Schedule	•			
	Wireless Statistics	•			
Static IP/Dynamic IP	•				