

# Specifications

## Ceiling Mount 802.11ax AP

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	•		

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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 (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;	