





EAP Product List

Ceiling Mount 802.11ax Wi-Fi 6 AP				
Picture				
Model	EAP613			
Product	AX1800 Ceiling Mount Dual-Band Wi-Fi 6 Access Point			
Speed	2.4 GHz: 574 Mbps			
	5 GHz: 1201 Mbps			
Ethernet Port	1x Gigabit Ethernet Port			
Power Supply	48V Passive PoE or 802.3at PoE or 12V/1A DC			
	PoE Adapter Is Not Included			
Internal Antennas	2.4 GHz: 2x 4 dBi			
	5 GHz: 2x 5 dBi			

Specifications

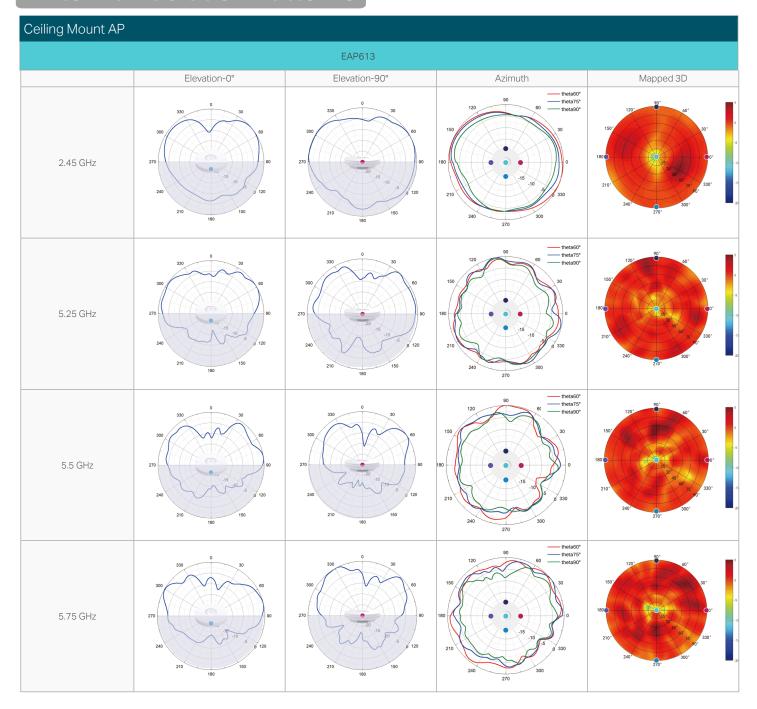
Ceiling Mount 802.11ax Wi-Fi 6 AP					
Model		EAP613			
Name		AX1800 Ceiling Mount Dual-Band Wi-Fi 6 Access Point			
	LAN Interfaces	1x Gigabit Ethernet Port			
Main Design	Wi-Fi Standards	IEEE 802.11 a/b/g/n/ac/ax			
	Maximum Data Rate	574 Mbps (2.4 GHz)			
		+1201 Mbps (5 GHz)			
	Wireless Client Capacity	250+			
	Antennas	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); < 25 dBm (5 GHz)			
	Omada Software	•			
Centralized	Controller				
Management	Omada Hardware	•			
	Controller				
	Omada APP				
	Captive Portal	•			
	Authentication	•			
	Access Control				
	Maximum number of MAC Filter	4000			
Security	Wireless Isolation				
Security	between Clients	•			
	VLAN	•			
	Rogue AP Detection	•			
	Wireless Encryption	WPA-Personal/Enterprise, WPA2-Personal/Enterprise, WPA3-Personal/Enterprise			
	802.1X Support	•			
	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)	•			
Wireless Function	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	•			



Ceiling Mount 802.11ax Wi-Fi 6 AP					
Model		EAP613			
Support Data Rates	802.11ax	8 Mbps to 1201 Mbps (MCS0-MCS11, NSS = 1 to 2 HE20/40/80)			
	802.11ac	6.5 Mbps to 1083.3 Mbps (MCS0-MCS11, NSS = 1 to 2 VHT20/40/80)			
	802.11n	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			
	LED ON/OFF Control	•			
	Management MAC	•			
	Access Control				
	Web-based Management	•			
	SNMP	v1, v2c, v3			
Management	SSH	•			
	Restore & Backup	•			
	Firmware update via Web	•			
	NTP	•			
	System Log	•			
	Email Alerts	•			
Physical &	Power Supply	48V Passive PoE or 802.3at PoE or 12V/1A DC PoE Adapter Is Not Included			
	Maximum Power	EU: 10.6W (For PoE); 9.6W (for DC)			
Environment	Consumption	US: 10.9W (For PoE); 9.8W (for DC)			
	Reset	•			
	Mounting	Ceiling / Wall mouting (Kits included) / Junction Box mouting			
	Certifications	CE, FCC, RoHS, IC			
	Dimensions (W x D x H)	160 x 160 x 33.6 mm			
		Operating Temperature: 0 °C–40 °C (32 °F–104 °F);			
	Environment	Storage Temperature: -40 °C-70 °C (-40 °F-158 °F);			
	LIMIOIIIIGH	Operating Humidity: 10%–90% non-condensing;			
		Storage Humidity: 5%–90% non-condensing;			



Antenna Radiation Patterns



Disclaimers

Wireless Speed and Range Disclaimer

Maximum wireless transmission rates are the physical rates derived from IEEE Standard 802.11 specifications. Range and coverage specifications were defined according to test results under normal usage conditions. Actual wireless transmission rate and wireless coverageare not guaranteed, and will vary as a result of 1) environmental factors, including building materials, physical objects and obstacles, 2) network conditions, including local interference, volume and density of traffic, product location, network complexity, and network overhead and 3) client limitations, including rated performance, location, connection quality, and client condition.

Wireless Client Capacity Disclaimer

Wireless client capacity specifications were defined according to test results under normal usage conditions. Actual wireless client capacity is not guaranteed, and will vary as a result of 1) environmental factors, including building materials, physical objects and obstacles, 2) network conditions, including local interference, volume and density of traffic, product location, network complexity, and network overhead and 3) client limitations, including rated performance, location, connection quality, and client condition.

Ethernet Port Limitation Disclaimer

Actual network speed may be limited by the rate of the product's Ethernet WAN or LAN port, the rate supported by the network cable, Internet service provider factors and other environmental conditions.

MU-MIMO Disclaimer

(Only for certain devices)

MU-MIMO capability requires client devices that also support MU-MIMO.

Seamless Roaming Disclaimer

(Only for certain devices)

Seamless roaming requires both the access point and client devices to support 802.11k and 802.11v protocols.

Lightning and Electro-Static Discharge Protection Disclaimer

(Only for outdoor devices)

Protection against lightning and electro-static discharge may be achieved through proper product setup, grounding and cable shielding. Refer to the instruction manual and consult an IT professional to assist with setting up this product.

PoE Disclaimer

PoE budget calculations are based on laboratory testing. Actual PoE power budget is not guaranteed and will vary as a result of client limitations and environmental factors.

Some models featured in this guide may be unavailable in your country or region. Visit TP-Link website for local sales information: www.tp-link.com. Specifications are subject to change without notice.

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