





EAP Product List

Wall Plate 802.11ax AP					
Picture					
Model	EAP615-Wall				
Product	AX1800 Wall Plate Wi-Fi 6 Access Point				
Speed	2.4 GHz: 574 Mbps				
Speed	5 GHz: 1201 Mbps				
Ethernet Port	4x Gigabit Ethernet Port				
Power Supply	802.3af/at PoE				
Internal Antennas	2.4 GHz: 2x 4 dBi				
internal Afflerinas	5 GHz: 2x 4 dBi				

Specifications

Note Part	Well Dista 200 11 s. AD							
Nome	Wall Plate 802.11ax AP							
LAN Interfaces	Model		EAP615-Wall					
Wiff Design Wiff Standards	Name		AX1800 Wall Plate Wi-Fi 6 Access Point					
Main Design		LAN Interfaces	4x Gigabit Ethernet Port					
Main Design Wireless Client Capacity 100-1 Antonios 2.4 CHzt 2x 4 dills Centralited Management Centralited Management Centralited Management Centralited Management Omada Sultware Controller - Centralited Management Omada Haroware Controller - Centralited Management Control of MacController - Centralited Management Control of MacController - Central of MACCONTROLLER - Control of Portal Authentitisation - Access Control - Minimum number of MACCONTROLLER - Pillur - Clents - Clents - Clents - VLAN - Robust Encryption VPA Personal/Enterprise, WPA2-Personal/Enterprise, WPA3-Personal/Enterprise Minibility & Sisto 16 (8 on each band) Enable/Desible Wireless Radio - Guest Nework - Automatic Charmel - Assignment - Transmit Power Control A		Wi-Fi Standards	IEEE 802.11 a/b/g/n/ac/ax					
Main Design Annones		Maximum Data Rate	574 Mbps (2.4 GHz) + 1201 Mbps (5 GHz)					
Maint Design Antennas		Wireless Client Capacity	100+					
	Main Design	Antennas	2.4 GHz: 2x 3 dBi					
Tumanit Power FCC < 21 dBm (2 GHz, ERP) FCC < 21 dBm (2 GHz, ERP) C21 dBm (2 GHz, ERP) C21 dBm (2 GHz, ERP) C3 dBm (2 GHz, ERP) C3 dBm (2 GHz, ERP) C3 dBm (2 GHz, ERP) C4 dBm (2 GHz, ERP)	Ü	- Tree mas	5 GHz: 2x 4 dBi					
Trainant Power FCC < 21 dBm (2.4 GHz, EIRP)								
Centralized Management		Transmit Power						
Centralized Management								
Centralized Management Omada APP • Captive Portal Authentication • Access Control • Maximum number of MAC 4000 Filter ************************************								
Omada APP								
Captive Portal Autheritication	Centralized Management							
Security Access Control 40000 Filter 40000 Viffeess Solation between Cleints								
Maximum number of MAC Filter		<u> </u>						
Filter 4000								
Wireless Isolation between Clients Clien			4000					
Clients								
VLAN Rogue AP Detection Rogue AP Detection Wireless Encryption WPA-Personal/Enterprise, WPA2-Personal/Enterprise, WPA3-Personal/Enterprise WPA3-	Security		•					
Rogue AP Detection Wireless Encryption WPA-Personal/Enterprise, WPA2-Personal/Enterprise, WPA3-Personal/Enterprise			•					
Wireless Encryption WPA-Personal/Enterprise, WPA2-Personal/Enterprise, WPA3-Personal/Enterprise			•					
Multiple SSIDs 16 (8 on each band)			WPA-Personal/Enterprise WPA2-Personal/Enterprise WPA3-Personal/Enterprise					
Multiple SSIDs								
Enable/Disable Wireless Radio			16 (8 on each band)					
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 •		<u> </u>						
Broadcast								
Automatic Channel Assignment Transmit Power Control QoS (WMM) Seamless Roaming Mesh - Beamforming MU-MIMO Rate Limit Load Balance Airtime Fairness Band Steering RADIUS Accounting MAC Authentication Reboot Schedule Wireless Statistics Adjust transmit Power on dBm Adjust transmit Power on dBm Adjust tran		Broadcast	•					
Assignment Transmit Power Control Adjust transmit Power on dBm		Guest Network	•					
Assignment Transmit Power Control		Automatic Channel						
QoS (WMM) Seamless Roaming Mesh -		Assignment						
Seamless Roaming Mesh -		Transmit Power Control	Adjust transmit Power on dBm					
Mesh		QoS (WMM)	•					
Wireless Function 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 •		Seamless Roaming	•					
MU-MIMO • Rate Limit Based on SSID/Client Load Balance • Airtime Fairness - Band Steering • RADIUS Accounting • MAC Authentication • Reboot Schedule • Wireless Schedule • Wireless Statistics •		Mesh	-					
Rate Limit Based on SSID/Client Load Balance • Airtime Fairness - Band Steering • RADIUS Accounting • MAC Authentication • Reboot Schedule • Wireless Schedule • Wireless Statistics •	Wireless Function	Beamforming	•					
Load Balance Airtime Fairness - Band Steering RADIUS Accounting MAC Authentication Reboot Schedule Wireless Schedule Wireless Statistics •		MU-MIMO	•					
Airtime Fairness - Band Steering • RADIUS Accounting • MAC Authentication • Reboot Schedule • Wireless Schedule • Wireless Statistics •		Rate Limit	Based on SSID/Client					
Band Steering RADIUS Accounting MAC Authentication Reboot Schedule Wireless Schedule Wireless Statistics •		Load Balance	•					
RADIUS Accounting MAC Authentication Reboot Schedule Wireless Schedule Wireless Statistics •		Airtime Fairness	-					
MAC Authentication Reboot Schedule Wireless Schedule Wireless Statistics •		Band Steering	•					
Reboot Schedule Wireless Schedule Wireless Statistics •		RADIUS Accounting	•					
Wireless Schedule Wireless Statistics •		MAC Authentication	•					
Wireless Statistics •		Reboot Schedule	•					
		Wireless Schedule	•					
Static IP/Dynamic IP •		Wireless Statistics	•					
		Static IP/Dynamic IP	•					

Wall Plate 802.11ax AP						
Model		EAP615-Wall				
	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-MCS9, NSS = 1 to 2 VHT20/40/80)				
	802.11n	6.5 Mbps to 300 Mbps (MCS0-MCS15, HT20/40)				
Support Data Rates	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	•				
	Power Supply	802.3af/at PoE				
	Maximum Power	EU: 10W (802.3at PoE, PoE Out off)				
Physical & Environment	Consumption	US: 11.5W (802.3at PoE, PoE Out off)				
	Reset	•				
	Mounting	Wall Plate Mouting (Kits included)				
	Certifications	CE, FCC, RoHS				
	Dimensions (W x D x H)	143 x 86 x 20 mm				
		Operating Temperature: 0 °C-40 °C				
Others	Environment	(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;				



Antenna Radiation Patterns

Wall Plate AP								
		EAP615-Wall						
	Elevation-0°	Elevation-90°	Azimuth	Mapped 3D				
2.45 GHz			Period/ Braise					
5.25 GHz			Restably Brain 100° and a second seco					
5.5 GHz			Periodic Programme Control of Con					
5.75 GHz			Restable - Branch 100*					

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.

© 2023 TP-Link

