EAP | Datasheet

EAP673-Extender

AX5400 Wall Plate Wi-Fi 6 Extender

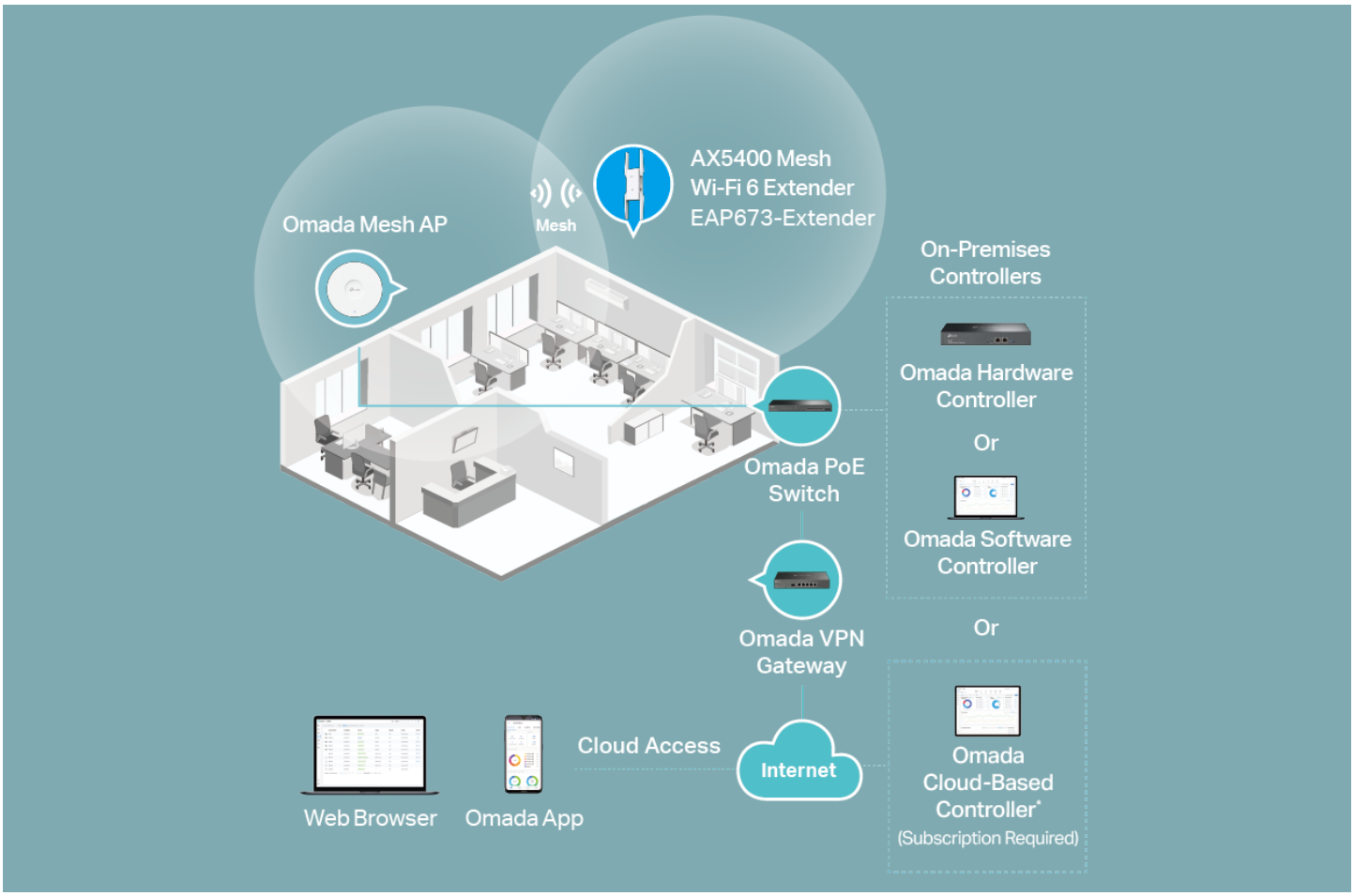


Highlights

- **AX5400 Dual-Band WiFi 6:** Up to 5.4 Gbps wireless speeds .*
- **WiFi Dead-Zone Killer:** Four high-gain external antennas extend WiFi signals to every dead zone.
- **Seamless Mesh Networking:** Supports Omada Mesh and Roaming for reliable networking, ideal for large-scale scenarios.*
- **Easy & Quick Installtion:** Standard AC power supply for flexible deployment.
- **AP Mode:** Simply plug in an Ethernet cable to create a new WiFi AP.
- **Easy Setup:** Ouick adoption via Omada web or app once the extender powers on.
- **Centralized Cloud Management:** Integrates into Omada SDN for cloud access and remote management.

Omada Solution

Omada's Software Defined Networking (SDN) platform integrates network devices, including access points, switches, and gateways, providing 100% centralized cloud management. Omada creates a highly scalable network—all controlled from a single interface.



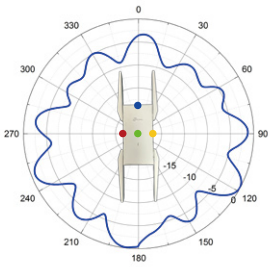
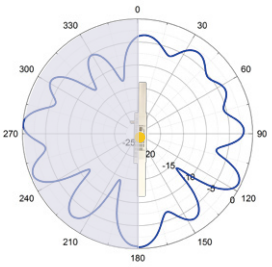
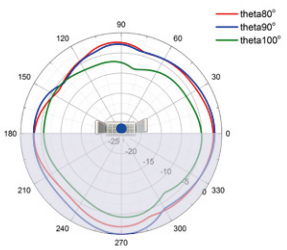
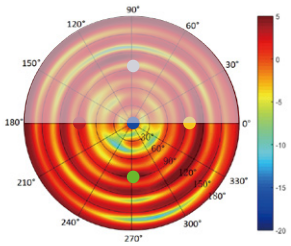
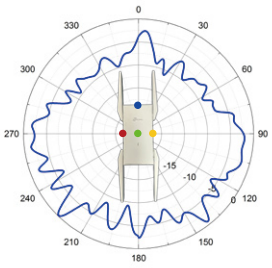
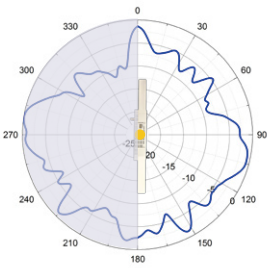
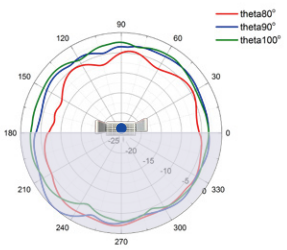
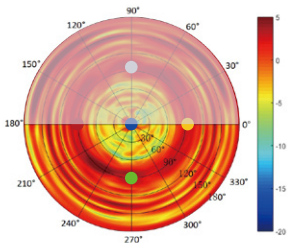
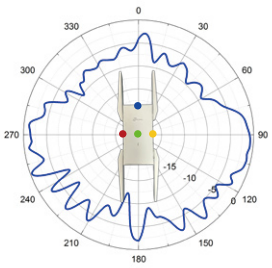
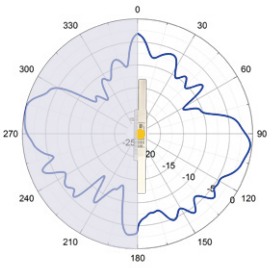
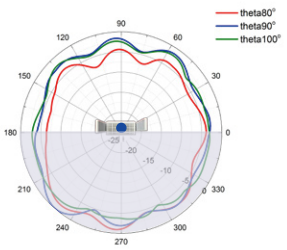
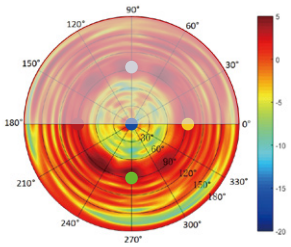
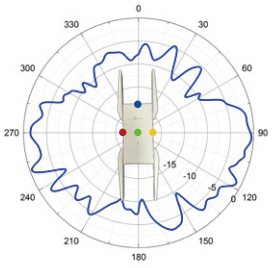
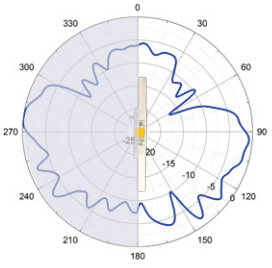
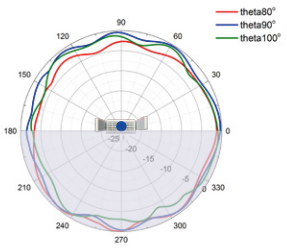
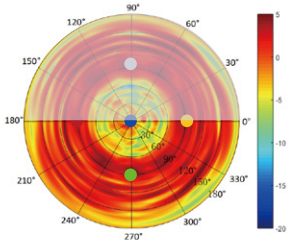
Specifications

Model		EAP673-Extender
Name		AX5400 Wall Plate Wi-Fi 6 Extender
Main Design	LAN Interfaces	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)
	Wireless Client Capacity	250+
	Antennas	2.4 GHz: 2x 5 dBi 5 GHz: 4x 6 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)
	Reception Sensitivity	2.4GHz: 11AX 20MHz MCS0: -95 11AX 20MHz MCS11: -66 11AX 40MHz MCS0: -94 11AX 40MHz MCS11: -63 5GHz: 11AX 20MHz MCS0: -93.5 11AX 20MHz MCS11: -65.5 11AX 40MHz MCS0: -90 11AX 40MHz MCS11: -63 11AX 80MHz MCS0: -88.5 11AX 80MHz MCS11: -60.5 11AX 160MHz MCS0: -85 11AX 160MHz MCS11: -58.5
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	•

Model		EAP673-Extender
Wireless Function	Multiple SSIDs	16 (8 on each band)
	Channel	EU: 2G: 1~13; 5G: 36,40,44,48,52,56,60,64,100,104,108,112,116,120,124,128,132,136,140 US: 2G: 1~11; 5G: 36,40,44,48,52,56, 60,64,100,104,108,112,116,120,124,128,132,136,140,149,153,157,161,165
	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	•
	MIMO	4x4 5G MU-MIMO
	MU-MIMO	5G: 4x4 DL/UL MU-MIMO
	OFDMA	UL/DL OFDMA
	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	•
Support Data Rates	802.11ax	8 Mbps to 4804 Mbps (MCS0-MCS11, NSS = 1 to 4 HE20/40/80/160)
	802.11ac	6.5 Mbps to 4333.3 Mbps (MCS0-MCS11, NSS = 1 to 4 VHT20/40/80/160)
	802.11n	6.5 Mbps to 600 Mbps(MSC0-MCS31, 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	•
	SNMP	v1, v2c, v3
	SSH	•
	Restore & Backup	•
	Firmware update via Web	•
	NTP	•
	System Log	•
	Email Alerts	•

Model		EAP673-Extender
Physical & Environment	Power Supply	100-240V~ 50/60Hz
	Maximum Power Consumption	18W
	Reset	•
	Mounting	Plug in
	Certifications	CE, FCC, IC, RoHS, UL, RCM, JRF, VCCI
	Dimensions (W x D x H)	80*37.8*160 mm
	Net Weight	436.6g
	Enclosure Material	PC
	Lightning Protection	Air discharge: ±8kV Contact discaharge: ±4kV Common mode 1.2/50: ±1kV
	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;

Antenna Radiation Patterns

EAP673-Extender				
	Elevation-0°	Elevation-90°	Azimuth	Mapped 3D
2.45 GHz				
5.25 GHz				
5.5 GHz				
5.75 GHz				

Disclaimers

* †Maximum wireless signal rates are the physical rates derived from IEEE Standard 802.11 specifications. Actual wireless data throughput and wireless coverage are not guaranteed. They 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.
* The actual capacity depends on the wireless environment and client traffic and is generally less than the maximum number of client connections.
* Use of WiFi 6 (802.11ax) and its features, including OFDMA and 1024-QAM, require clients to support the corresponding features.
* Omada Mesh, Seamless Roaming, and Captive Portal require an Omada SDN controller.
* Coverage value is calculated based on laboratory testing. Actual coverage is not guaranteed and will vary as a result of client limitations and environmental factors.

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