



EAP | Datasheet

EAP773

US: BE11000 Ceiling Mount Wi-Fi 7 Access Point EU: BE9300 Ceiling Mount Wi-Fi 7 Access Point



Highlights

- BE11000 Tri-Band Wi-Fi 7 for US and BE9300 Tri-Band Wi-Fi 7 for EU. Buffering will no longer be a problem.*
- 1× 10G Port: Unlock the full potential of Wi-Fi 7.
- Clear 6 GHz Band: Brings cleaner and wider band resources to your Wi-Fi.
- 320 MHz Bandwidth: Up to 320 MHz bandwidth enables many more simultaneous transmissions at the fastest possible speeds.*
- Low Latency and Interference: Multi-Link Operation, and Multi-RUs ensure high performance of your network.*
- Advanced Functions: Supports centralized management, mesh, and Al roaming.*



Product Pictures

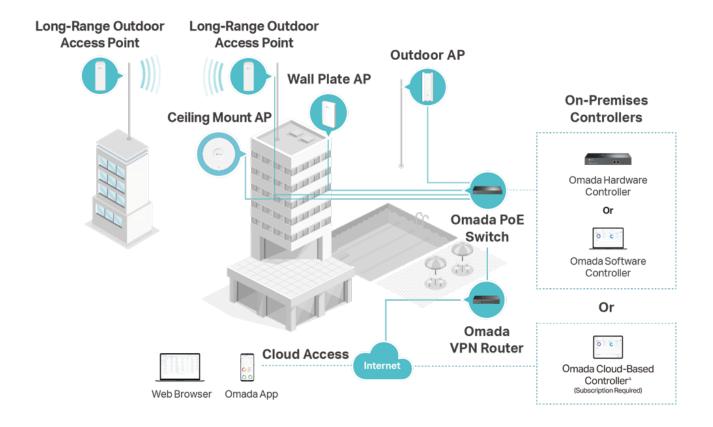




^{*} Coverage value is calculated based on laboratory testing. Actual coverage is not guaranteed and will vary as a result of client limitations and environmental factors.

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

Ceiling Mount Wi-Fi 7 AP					
Model		EAP773			
Name		US: BE11000 Ceiling Mount Wi-Fi 7 Access Point EU: BE9300 Ceiling Mount Wi-Fi 7 Access Point			
	LAN Interfaces	1x 10Gbps Ethernet Port			
	Wi-Fi Standards	IEEE 802.11 a/b/g/n/ac/ax/be			
	Maximum Data Rate	US: 574 Mbps (2.4 GHz) + 4320 Mbps (5 GHz) + 5760 Mbps (6 GHz)			
		EU: 574 Mbps (2.4 GHz) + 2880 Mbps (5 GHz) + 5760 Mbps (6 GHz)			
	Wireless Client Capacity	2 GHz: 128, 5 GHz: 128, 6 GHz: 128			
	Antennas	2.4GHz: 2 x 4dBi; 5GHz: 2 x 5dBi; 6GHz: 2 x 5dBi			
	Bluetooth	1 × 4.0 dBi, Bluetooth 5.2			
		*Firmware update may be required.			
		CE: < 20 dBm (2.4 GHz, EIRP); < 23 dBm (5 GHz, band 1&band 2, EIRP); < 28 dBm (5 GHz, band 3, EIRP); <23dBm (6 GHz, EIRP)			
	Transmit Power	FCC:< 25 dBm (2.4 GHz); < 25 dBm (5 GHz); < 23 dBm (6 GHz)			
		2.4G:			
Main Design		11ax HE20MCS0:-96dBm; 11ax HE20MCS11:-66.5dBm			
		11ax HE40MCS0:-93dBm; 11ax HE40MCS11:-64dBm			
		5G:			
		11be EHT20MCS0:-94dBm; 11be EHTMCS13:-63dBm			
		11be EHT40MCS0:-90.5dBm; 11be EHT40MCS13:-60dBm			
	Reception Sensitivity	11be EHT80MCS0:-88dBm; 11be EHT80MCS13:-57.5dBm			
		11be EHT160MCS0:-85dBm; 11be EHT160MCS13:-55.5dBm			
		6G:			
		11be EHT20MCS0:-93dBm; 11be EHTMCS13:-63dBm			
		11be EHT40MCS0:-90dBm; 11be EHT40MCS13:-60dBm			
		11be EHT80MCS0:-87.5dBm; 11be EHT80MCS13:-57.5dBm			
		11be EHT160MCS0:-84dBm; 11be EHT160MCS13:-55dBm			
		11be EHT320MCS0:-81.5dBm; 11be EHT320MCS13:-52.5dBm			
	Omada Software				
0	Controller				
Centralized Management	Omada Hardware				
	Controller				
	Omada APP	•			
	Captive Portal				
	Authentication				
	Access Control	•			
	Maximum number of MAC				
Security	Filter	4000			
	Wireless Isolation				
	between Clients	•			
	VLAN	•			
	Rogue AP Detection	•			
	Wireless Encryption	WPA-Personal/Enterprise, WPA2-Personal/Enterprise, WPA3-Personal/Enterprise, OWE			

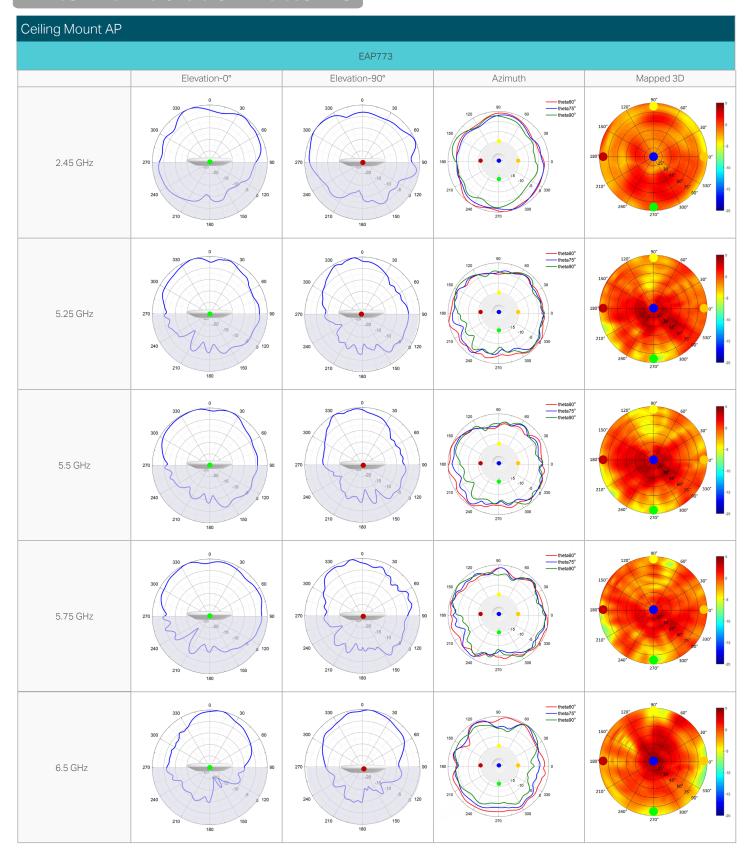


Ceiling Mount Wi-Fi 7 AP					
Model		EAP773			
	Multiple SSIDs	24 (8 on each band)			
	Olasiasal	EU: 2G: 1~13; 5G: 36~140; 6G: 33~93			
	Channel	US: 2G:1~11; 5G: 36~165; 6G: 33~233			
	Enable/Disable Wireless	•			
	Radio				
	Enable/Disable SSID				
	Broadcast				
	Guest Network	•			
	Automatic Channel	•			
	Assignment Transmit Power Control	Adjust transmit Power on dBm			
	QoS (WMM)	Adjust transmit Power on dom			
	Seamless Roaming	•			
Wireless	Mesh	•			
Function	Beamforming	•			
	MU-MIMO	2*2 DL/UL MU-MIMO			
	OFDMA	DL/UL 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	•			
	Static IF/Dyriamic IF				
		5G Band: EU: 8Mbps to 2882Mbps(MCS0—MCS13,NSS=1 to 2 BE20/40/80/160)			
	802.11be	US: 8Mbps to 4324Mbps(MCS0—MCS13,NSS=1 to 2 BE20/40/80/160/240)			
		6G Band: 8Mbps to 5765Mbps(MCS0—MCS13,NSS=1 to 2 BE20/40/80/160/320)			
		2G Band: 8Mbps to 574Mbps(MCS0—MCS11,NSS=1 to 2 HE20/40)			
	802.11ax	5G Band: 8Mbps to 2402Mbps(MCS0—MCS11, NSS=1 to 2 HE20/40/80/160)			
		6G Band: 8Mbps to 2402Mbps(MCS0—MCS11, NSS=1 to 2 HE20/40/80/160)			
0					
Support Data					
Rates	000 11	0.5 Minus As 0.400 7 Minus (M.000 A. M.004 A.M.O. A. A. O. VIII T0.0 (A.M.O.)			
	802.11ac	6.5Mbps to 2166.7Mbps(MCS0—MCS11,NSS=1 to 2 VHT20/40/80/160)			
	000 11n	CEMbro to 200Mbro/MCCO - MCCCE LITQUAD			
	802.11n	6.5Mbps to 300Mbps(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			



Ceiling Mount Wi-Fi 7 AP					
Model		EAP773			
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	•			
	Power Supply	802.3at PoE* or 12V/2.5A DC			
		DC Power Adapter Is Not Included			
		*Supported in firmware 1.0.12 Build 20240312 Rel. 51462 and later versions. Earlier versions require 802.3bt PoE power supply.			
Physical &	Maximum Power	EU: 24.05 W (For PoE); 20.92 W (For DC);			
Environment	Consumption	US: 25.44 W (For PoE); 22.57 W (For DC);			
	Reset	•			
	Mounting	Ceiling / Wall mouting (Kits included)			
	Certifications	CE, FCC, RoHS, IC			
Others	Dimensions (W x D x H)	220 x 220 x 32.5 mm			
	Net Weight	736g			
	Enclosure Material / Rack Material	Top cover: PC			
		Bottom shell: aluminum alloy			
		Mounting rack: stainless steel			
	Lightning Protection	2KV			
	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



Disclaimers

- * Maximum wireless signal rates are the physical rates derived from IEEE Standard 802.11 specifications. The 320 MHz bandwidth is only available on the 6 GHz band. Simultaneously, the 320 MHz bandwidth on the 6 GHz band and 160 MHz bandwidth on the 5 GHz band may be unavailable in some regions/countries due to regulatory restrictions. Double channel width and speed refer to 320 MHz compared to 160 MHz for WiFi 6 routers. Actual wireless data throughput, wireless coverage, and connected devices are not guaranteed and will vary as a result of internet service provider factors, network conditions, client limitations, and environmental factors, including building materials, obstacles, volume and density of traffic, and client location.
- * Use of Wi-Fi 7 (802.11be), Wi-Fi 6 (802.11ax), and features including Multi-Link Operation (MLO), 320 MHz Bandwidth, 6 GHz, 4K-QAM, Multi-RUs, OFDMA, MU-MIMO and BSS Color requires clients to also support the corresponding features.
- * Zero-Touch Provisioning and Auto Channel Selection and Power Adjustment require the use of Omada Cloud-Based Controller. Go to /en/omada-cloud-based-controller/product-list/ to confirm which models are compatible with Omada Cloud-Based Controller.
- * The actual capacity depends on the wireless environment and client traffic and is generally less than the maximum number of client connections.
- * 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.
- * Omada Mesh, Al Roaming, Captive Portal, and Cloud Access require the use of an Omada SDN controller. Please refer to the User Guides of Omada SDN controllers for configuration methods.
- * 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: https://www.tp-link.com. Specifications are subject to change without notice.

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