Omada by tp-link

Datasheet

Omada BE11000(US) / BE9300(EU) Tri-Band Wall Plate Wi-Fi 7 Access Point

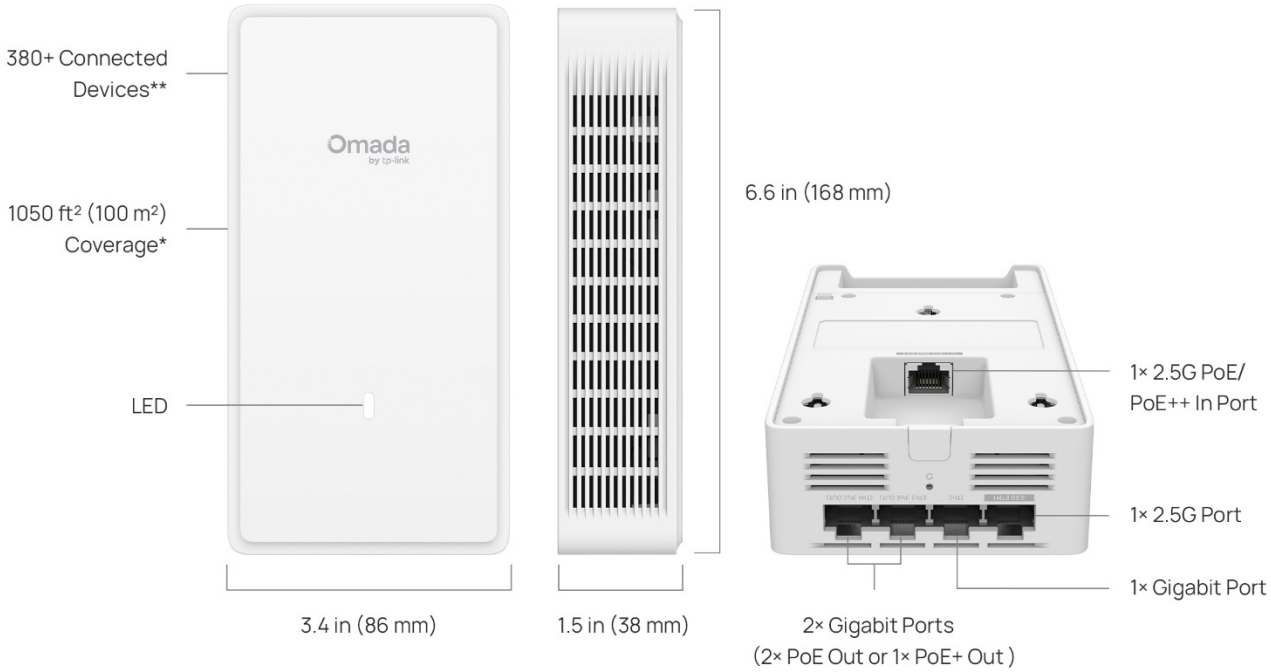
Model: EAP775-Wall

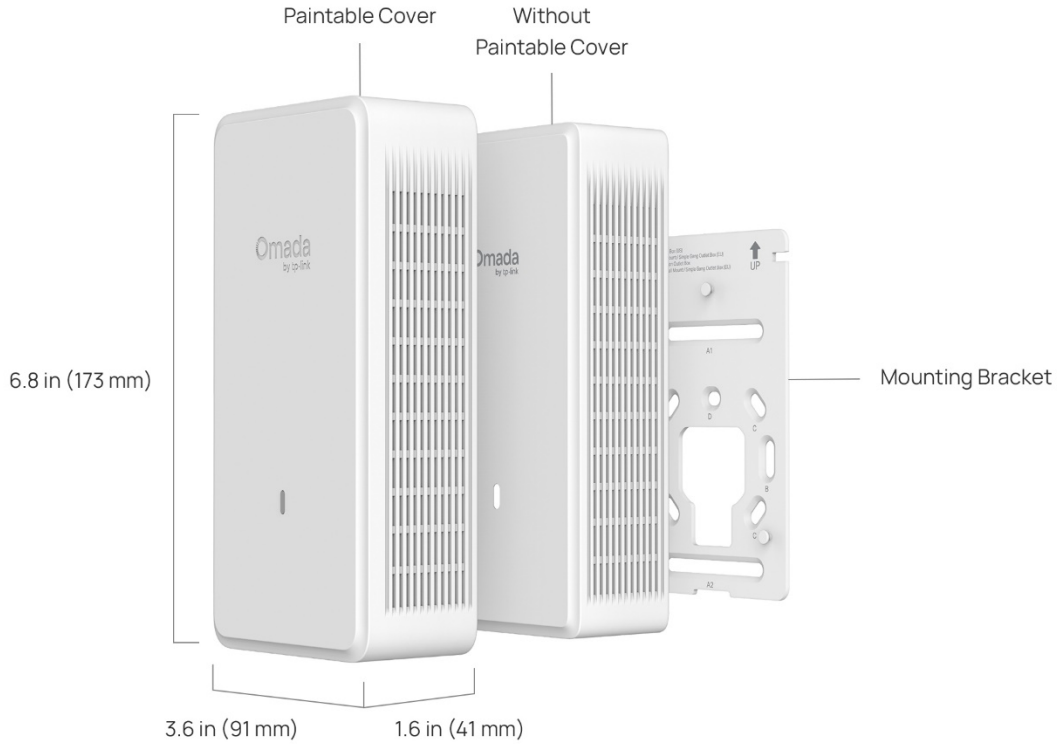
Product Overview

EAP775-Wall is Omada's first Tri-Band Wi-Fi 7 Wall Plate Access Point, uniquely designed with a paintable cover for seamless aesthetic integration and versatile mounting options for effortless deployment in any environment.

- 6-Stream Tri-Band Wi-Fi 7: Up to 11.0 Gbps for the US and up to 9.3 Gbps for the EU.[†]
- Flexible and Aesthetic Integration: Versatile mounting design with a paintable cover included for flexible integration.
- Multiple Ports with PoE Flexibility: 2× 2.5G Ports (1× PoE+/PoE++ In) + 3× Gigabit Ports (2× PoE Out or 1× PoE+ Out[*]).
- Low Latency and Interference: Multi-Link Operation, Multi-RUs, and 4K-QAM ensure high performance for your network.[‡]
- Easy Setup, Easy to Use: Works with Omada SDN for one-click setup.
- Advanced Features: Supports centralized management, mesh, and seamless roaming.[△]
- Complete In-Room Wi-Fi with More Connections: Supports 380+ concurrent connections[**] and covers up to 1050 ft² (100 m²)[*] for reliable and extensive wireless connectivity.

Product Appearance



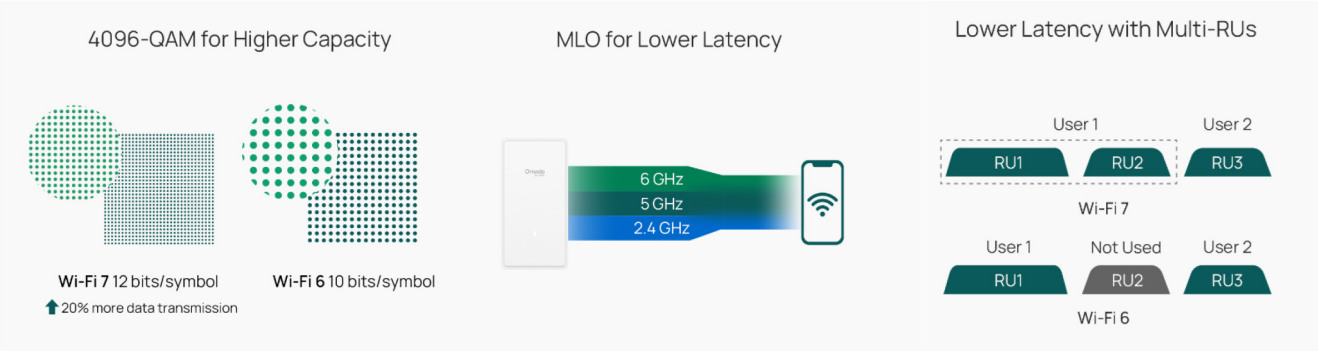


*Coverage value is calculated based on laboratory testing. Actual coverage is not guaranteed and will vary as a result of client limitations and environmental factors.
**The actual capacity depends on the wireless environment and client traffic and is generally less than the maximum number of client connections.

Feature Descriptions

Omada Wi-Fi 7 Technology: Swifter, Smoother, Stronger

Featuring superb Wi-Fi 7 technologies, including Multi-Link Operation, Multi-RUs, and 4K-QAM, Omada EAP775-Wall significantly enhances throughput, connection stability, and concurrent capacity, ensuring faster and higher quality connections for more devices.‡



Paintable Cover for Seamless Aesthetic Integration

Designed for discreet installation, EAP775-Wall is equipped with a complimentary paintable cover. This allows for easy customization to match any wall color or design theme, ensuring the device remains unobtrusive and perfectly integrates with its surroundings.

Versatile Mounting Design for Flexible Deployment

EAP775-Wall offers multiple installation options, supporting both surface wall mounting (in-wall or on-wall cabling) and compatibility with various wall junction sizes, ensuring seamless integration into any interior environment.

Optimized Multi-Port Wired Performance

EAP775-Wall delivers exceptional connectivity for demanding environments, featuring a 2.5G uplink port, a 2.5G downlink port, and three Gigabit downlink ports. The 2.5G uplink ports support 802.3bt/at PoE input. Two of the Gigabit ports offer flexible power delivery, configurable as either two PoE Outs or a single PoE+ Out*, to seamlessly power devices like IP cameras and phones.

Easy Setup via the Omada App, Web Browser, or SDN

Enjoy convenient setup and on-the-go network management via the Omada app or web interface. The SDN also supports quickly setting up EAP775-Wall through automatic device identification and one-click adoption.

Dedicated, Private, and Complete Wi-Fi Networking for Every Room

EAP775-Wall in each room delivers a dedicated private Wi-Fi network with strong, seamless coverage up to 1050 ft² (100 m²).* It features advanced security options such as a secure guest network with up to 16 SSIDs, SMS login authentication, WPA3-Enterprise encryption, and rogue AP detection, ensuring safe, reliable connectivity for guests and business operations alike.

Cloud-Based Centralized Management

As part of Omada's unified SDN ecosystem, EAP775-Wall integrates seamlessly with Omada switches, gateways, and controllers, delivering end-to-end visibility, automated optimization, zero-touch provisioning, and batch configuration—all managed from a single cloud interface.

Specifications

Hardware Specifications

Item	Description	
Wi-Fi Standards	6 GHz: IEEE 802.11ax/be 5 GHz: IEEE 802.11a/n/ac/ax/be 2.4 GHz: IEEE 802.11b/g/n/ax/be	
802.11be	Spatial Streams	• 2.4 GHz: 2×2 UL/DL MU-MIMO with 2 spatial streams • 5 GHz: 2×2 UL/DL MU-MIMO with 2 spatial streams • 6 GHz: 2×2 UL/DL MU-MIMO with 2 spatial streams • Support MU-MIMO
	Frequency Bands	2.400 to 2.4835 GHz ISM 5.150 to 5.250 GHz U-NII-1 5.250 to 5.350 GHz U-NII-2A 5.470 to 5.725 GHz U-NII-2C 5.725 to 5.850 GHz U-NII-3/ISM 6.105 to 6.425 GHz U-NII-5 6.425 to 6.525 GHz U-NII-6 6.525 to 6.875 GHz U-NII-7 6.875 to 7.125 GHz U-NII-8 *Note: Country-Specific Restriction Apply
	Bandwidth	2.4 GHz: 20 MHz/40 MHz 5 GHz: 20 MHz/40 MHz/80 MHz/160 MHz/240 MHz 6 GHz: 20 MHz/40 MHz/80 MHz/160 MHz/320 MHz *Note: Country-Specific Restriction Apply
	Wireless Data Rate	2.4G+5G+6G: 10777Mbps • 2.4 GHz: 8.6 Mbps to 688 Mbps (MCS0-MCS13, NSS=1 to 2, EHT20/40) • 5 GHz: 8.6 Mbps to 4324 Mbps (MCS0-MCS13, NSS=1 to 2, EHT20/40/80/160/240) • 6 GHz: 8.6 Mbps to 5765 Mbps (MCS0—MCS13,NSS=1 to 2, EHT20/40/80/160/320)
	Radio Technology	Uplink/downlink OFDMA (Orthogonal Frequency-Division Multiple Access)
	Modulation Type	4096-QAM, 1024-QAM, 256-QAM. 64-QAM, 16-QAM, QPSK, BPSK
	Frame Aggregation	• A-MPDU (Aggregate MAC Protocol Data Unit) for Tx/Rx • A-MSDU (Aggregate MAC Service Data Unit) for Tx/Rx
	Others	• Preamble Puncturing • BSS Coloring • Multi-Link Operation (MLO) • Maximal Ratio Combining (MRC) • Transmit Beamforming (TxBF) • Wi-Fi Protected Access 3 (WPA3) • Dynamic Frequency Selection (DFS) • Cycle Delay Diversity (CDD) • Cycle Shift Diversity (CSD) • Space-Time Block Coding (STBC) • Low-Density Parity Check (LDPC)

Item	Description	
802.11ax	Spatial Streams	• 2.4 GHz: 2×2 UL/DL MU-MIMO with 2 spatial streams • 5 GHz: 2×2 UL/DL MU-MIMO with 2 spatial streams • 6 GHz: 2×2 UL/DL MU-MIMO with 2 spatial streams • Support MU-MIMO
	Frequency Bands	2.400 to 2.4835 GHz ISM 5.150 to 5.250 GHz U-NII-1 5.250 to 5.350 GHz U-NII-2A 5.470 to 5.725 GHz U-NII-2C 5.725 to 5.850 GHz U-NII-3/ISM 6.105 to 6.425 GHz U-NII-5 6.425 to 6.525 GHz U-NII-6 6.525 to 6.875 GHz U-NII-7 6.875 to 7.125 GHz U-NII-8 *Note: Country-Specific Restriction Apply
	Bandwidth	2.4 GHz: 20 MHz/40 MHz 5 GHz: 20 MHz/40 MHz/80 MHz/160 MHz 6 GHz: 20 MHz/40 MHz/80 MHz/160 MHz *Note: Country-Specific Restriction Apply
	Wireless Data Rate	• 2.4 GHz: 8.6 Mbps to 573 Mbps (MCS0-MCS11, NSS=1 to 2, HE20/40) • 5 GHz: 8.6 Mbps to 2402 Mbps (MCS0-MCS11, NSS=1 to 2, HE20/40/80/160) • 6 GHz: 8.6 Mbps to 2402 Mbps (MCS0-MCS11, NSS=1 to 2, HE20/40/80/160) *Note: Country-Specific Restriction Apply
	Radio Technology	Uplink/downlink OFDMA (Orthogonal Frequency-Division Multiple Access)
	Modulation Type	1024-QAM, 256-QAM. 64-QAM, 16-QAM, QPSK, BPSK
	Frame Aggregation	• A-MPDU (Aggregate MAC Protocol Data Unit) for Tx/Rx • A-MSDU (Aggregate MAC Service Data Unit) for Tx/Rx
	Others	• MRC (Maximal Ratio Combining) • TxBF (Transmit Beamforming) • WPA3 (Wi-Fi Protect Access 3) • DFS (Dynamic Frequency Selection) • CDD (Cycle Delay Diversity) • CSD (Cycle Shift Diversity) • STBC (Space-Time Block Coding) • LDPC (Low-Density Parity-Check)
802.11ac	Spatial Streams	• 5 GHz: 2×2 Uplink/Downlink MU-MIMO with 2 spatial streams
	Frequency Bands	5.150 to 5.250 GHz U-NII-1 5.250 to 5.350 GHz U-NII-2A 5.470 to 5.725 GHz U-NII-2C 5.725 to 5.850 GHz U-NII-3/ISM *Note: Country-Specific Restriction Apply
	Bandwidth	5 GHz: 20 MHz/40 MHz/80 MHz/160 MHz
	Wireless Data Rate	• 5 GHz: 6.5 Mbps to 1732 Mbps (MCS0-MCS9, NSS=1 to 2, VHT20/40/80/160)

Item	Description	
	Radio Technology	OFDM (Orthogonal Frequency-Division Multiplexing)
	Modulation Type	256-QAM. 64-QAM, 16-QAM, QPSK, BPSK
	Frame Aggregation	• A-MPDU (Aggregate MAC Protocol Data Unit) for Tx/Rx • A-MSDU (Aggregate MAC Service Data Unit) for Tx/Rx
	Others	• MRC (Maximal Ratio Combining) • TxBF (Transmit Beamforming) DFS (Dynamic Frequency Selection) • CDD (Cycle Delay Diversity) • CSD (Cycle Shift Diversity) • STBC (Space-Time Block Coding) • LDPC (Low-Density Parity-Check)
802.11n	Spatial Streams	• 2.4 GHz: 2×2 MIMO with 2 spatial streams • 5 GHz: 2×2 MIMO with 2 spatial streams
	Frequency Bands	2.400 to 2.4835 GHz ISM 5.150 to 5.250 GHz U-NII-1 5.250 to 5.350 GHz U-NII-2A 5.470 to 5.725 GHz U-NII-2C 5.725 to 5.850 GHz U-NII-3/ISM *Note: Country-Specific Restriction Apply
	Bandwidth	20 MHz/40 MHz
	Wireless Data Rate	• 2.4 GHz: 6.5 Mbps to 300 Mbps (MCS0-MCS7, NSS=1 to 2, HT20/40) • 5 GHz: 6.5 Mbps to 300 Mbps (MCS0-MCS7, NSS=1 to 2, HT20/40)
	Radio Technology	OFDM (Orthogonal Frequency-Division Multiplexing)
	Modulation Type	64-QAM, 16-QAM, QPSK, BPSK
	Frame Aggregation	• A-MPDU (Aggregate MAC Protocol Data Unit) for Tx/Rx • A-MSDU (Aggregate MAC Service Data Unit) for Tx/Rx
	Others	• MRC (Maximal Ratio Combining) • TxBF (Transmit Beamforming) • DFS (Dynamic Frequency Selection) • CDD (Cycle Delay Diversity) • CSD (Cycle Shift Diversity) • STBC (Space-Time Block Coding) • LDPC (Low-Density Parity-Check)
Antenna	Wi-Fi	• 2.4 GHz: 2 × 5 dBi (peak gain), Internal dipole antenna • 5 GHz: 2 × 5.5dBi (peak gain), Internal dipole antenna • 6 GHz: 2 × 5.5 dBi (peak gain), Internal dipole antenna *Note: The gains above are the single-antenna peak gains.
	IoT	• Bluetooth: 1 × 1 dBi (peak gain), PCB printed antenna

Item	Description			
Interfaces	• 1 x 10M/100M/1000M/2.5Gbps Multigigabit Ethernet Port (RJ45); PoE In； • 1 x 10M/100M/1000M/2.5Gbps Multigigabit Ethernet Port (RJ45); • 1 x 10M/100M/1000Mbps Gigabit Ethernet Port (RJ45); • 2 x 10M/100M/1000Mbps Gigabit Ethernet Port (RJ45); PoE Out；			
IoT	BLE 5.2, 1Mbps			
Memory	• Flash: 1024Mbit • DRAM: 8192Mbit			
Button	1 × Reset button: Press the button for longer than 5 seconds to make the device restore to factory settings.			
Indicator	1 × white LED on the front: • Power-on status • Firmware initialization or upgrade status • Uplink service status • Error status			
Reliability	MTBF (Mean Time between Failure)	253000 hours at the operating temperature of 25℃ (77℉)		
Power Supply	Input	802.3bt PoE++: 42.5 - 57 V/1.2A, or 802.3at PoE+: 42.5 - 57 V/0.6A		
	Output	Input 802.3bt PoE++: 1*802.3at PoE+: 42.5 - 57 V/0.598A 25.4W, or 2*802.3af PoE: 42.5 - 57 V/0.300A, total 25.4W Input 802.3at PoE+: 1*802.3af PoE: 42.5 - 57 V/0.142A 6W		
Power Consumption	MODE	POWER CONSUMPTION	SYSTEM CONFIGURATION	WI-FI RADIOS (COMBINED POWER)
	802.3bt PoE	45W (with 25W PoE Out)	PoE Out Enabled BLE Enabled Ethernet Enabled	2.4GHz(2x2) Tx 22dBm 5GHz(2x2) Tx 22dBm 6GHz(2x2) Tx 22dBm
	802.3at PoE	26W (with 6W POE Out)	PoE Out Enabled BLE Enabled Ethernet Enabled	2.4GHz(2x2) Tx 22dBm 5GHz(2x2) Tx 22dBm 6GHz(2x2) Tx 22dBm
	802.3af PoE	12W	PoE Out Disabled BLE Disabled Ethernet Enabled	2.4GHz Disabled 5GHz Disabled 6GHz Disabled
Surge/Lightning Protection	Ethernet Ports: ±4kV			
ESD/EMP Protection	• Air discharge: ±8 kV • Contact discharge: ±4 kV *Note: ESD/EMP Protection means Electrostatic Discharge/Electromagnetic Pulse Protection independently.			

Item	Description	
Tx Power	Maximum transmit power	CE (ERIP) • 2.4 GHz: 20 dBm • 5 GHz: 23 dBm in U-NII-1, 23 dBm in U-NII-2A, 27.5 dBm in U-NII-2C, • 6 GHz: 23 dBm FCC (Conducted Power) • 2.4 GHz: 22 dBm • 5 GHz: 22 dBm in U-NII-1, 22 dBm in U-NII-2A, 22 dBm in U-NII-2C, 22 dBm in U-NII-3 • 6 GHz: 22 dBm *Note: MIMO combined power, excluding antenna gains. The actual transmit power depends on local laws and regulations.
	Minimum transmit power	CE (ERIP) • 2.4 GHz: 6 dBm • 5 GHz: 6 dBm in U-NII-1, 6 dBm in U-NII-2A, 6 dBm in U-NII-2C, 6 dBm in U-NII-3 • 6 GHz: 6 dBm FCC (Conducted Power) • 2.4 GHz: 4 dBm • 5 GHz: 4 dBm in U-NII-1, 4 dBm in U-NII-2A, 4 dBm in U-NII-2C, 4dBm in U-NII-3 • 6 GHz: 4 dBm *Note: MIMO combined power, excluding antenna gains. The actual transmit power depends on local laws and regulations.
	Adjustable power increment	1 dBm
Environment	Temperature	• Operating: 0℃ to +40℃ (32℉ to +104℉) • Storage: -40℃ to +70℃ (-40℉ to +158℉)
	Humidity	• Operating: 10% to 90% (non-condensing) • Storage: 5% to 90% (non-condensing)
	Altitude	• Storage: up to + 2000 m (6561 feet) • Operating: up to + 2000 m (6561 feet)
Unit	Dimensions (W×D×H)	• Main Unit: 172.9 × 91.2 × 41.3 mm (6.8× 3.6 × 1.6 in.) with finishing component; 167.8× 86 × 38.3 mm (6.6× 3.4 × 1.5 in.) without finishing component • Shipping Unit: 215 × 122 × 62 mm (8.5 × 4.8 × 2.5 in.)
	Weight	• Main Unit: 0.48 kg (1.06 lbs) • Mounting Bracket: 0.15 kg (0.33 lbs) • Shipping Unit: 0.78 kg (1.72 lbs)
	Mounting	• Junction Box / Wall Mounting (Kits included)

Software Specifications

Item	Description	
Wireless Functions	Maximum number of BSSIDs	24 (8 on each band)
	Maximum number of associated STAs	380+
	Guest Network	Yes
	ACS (Automatic Channel Selection)	Yes
	Airtime Fairness	Yes
	Band Steering	Yes
	802.11 Rate Control	Yes
	Rogue AP Detection	Yes
	URL Filtering	Yes
	RF Scan	Yes
	WLAN Optimization	Yes
	WIDS/WIPS	No
	Lock to AP	Yes
	Rate Limit	• SSID Rate Limit • Client Rate Limit
	Load Balance	• Maximum Associated Clients • RSSI Threshold
	MLO	• 2.4 GHz+5 GHz • 2.4 GHz+6 GHz • 5 GHz+6GHz • 2.4 GHz+5 GHz+6GHz
	Roaming	• 802.11 k • 802.11v • 802.11r • Non-Stick Roaming • Ping-Pong Roaming Suppression • AI Roaming *Note: Only support Layer 2 Roaming currently.
	Multicast/Broadcast Management	• Multicast-to-Unicast Conversion • ARP-to-Unicast Conversation • Multicast Filtering • Multicast/Broadcast Rate Limit

Item	Description	
	QoS (Quality of Service)	• WMM (Wi-Fi Multimedia) • DSCP (Differentiated Services Code Point) • U-APSD (Unscheduled Automatic Power Save Delivery)
Security and Authentication	ACL	
	MAC Filter	
	802.1X Authentication	
	MAC-Based Authentication	
	• None • Enhanced Open • WPA/WPA2/WPA3-Personal • WPA/WPA2/WPA3-Enterprise	
	Radius Accounting	
	• PPSK without Radius • PPSK with Radius (Generic Radius with bound MAC/EKMS/Generic Radius with unbound MAC)	
	Captive Portal	• No Authentication • Simple Password • Hotspot (Voucher / Local User / SMS / RADIUS / Form Auth) • RADIUS Server • External LDAP Server • External Portal Server • Pre-Authentication Access • Authentication-Free Client
	EAP Types	• EAP-TLS • EAP-TTLS • EAP-PEAP • EAP-CHAP • EAP-SIM • EAP-AKA • EAP-GTC • EAP-FAST • EAP-PEAP • EAP-MD5 • EAP-MSCHAPv2 • PEAPv0 • PEAPv1
Management methods	Omada Controller	• Omada Controller V5.15.x and above • Omada Essential V5.15.x and above
	App	Omada App V4.25 and above
	Standalone Management	Yes

Item	Description	
	Standalone Mesh	No
	SSH	Yes
	SNMP	v1, v2c, v3
Operating Modes	AP	Yes
	Mesh	Yes
System Feature	System Log	Yes
	Reboot Schedule	Yes
	WLAN Schedule	Yes
	NTP (Network Time Protocol)	Yes
	Email Alerts	Yes
	Firmware Upgrade	Yes
	Restore & Backup	Yes
	LED Control	Yes
Network Features	VLAN	• SSID VLAN • Dynamic VLAN • Management VLAN
	Static IP / DHCP Client	Yes
	IPv4/IPv6	Yes
	LLDP (Link Layer Discovery Protocol)	Yes
	mDNS	Yes
	Tools	• Ping / Traceroute / DNSLookup • Packet Capture • Terminal

Standards Compliance and Certifications

Item	Category	Description
Standards compliance	IEEE Standards	• IEEE 802.11a/b/g/n/ac/ax/be • IEEE 802.11e/i/k/v/r • IEEE 802.1x/q • IEEE 802.3bt • IEEE 802.3ab • IEEE 802.3bz • IEEE 802.3x
	Radio Standards	• ETSI EN 300 328 • ETSI EN 301 893 • EN 303 687 • EN 50385 EN50665 EN IEC 62311 • FCC Part 15E • RSS-247, RSS-GEN • LP0002
	EMC standards	• EN 55032 • EN 55035 • EN 301489-1 • EN 301489-17 • FCC Part 15C • ICES-003 issue7 • CNS 15936
	Safety Standards	• EN 62368-1 • IEC 62368-1 • CNS 15598-1
	Security Standards	• WPA-Personal/Enterprise • WPA2-Personal/Enterprise • WPA3-Personal/Enterprise
	RoHS	• Directive 2011/65/EU, Directive (EU) 2015/863 • EN IEC 63000: 2018
	Others	• Equipment Radio Regulations: 2008 (including amendments) • VCCI-CISPR 32
Certifications	• Wi-Fi Alliance: Wi-Fi 7 (R1), Wi-Fi 6 (R2), Wi-Fi 6E, WPA3-R3, WPA3-Suite B, • FCC/CE/NCC/VCCI/JRF/BSMI/WFA	

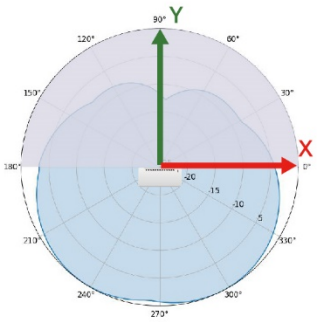
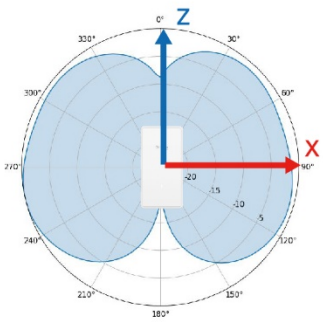
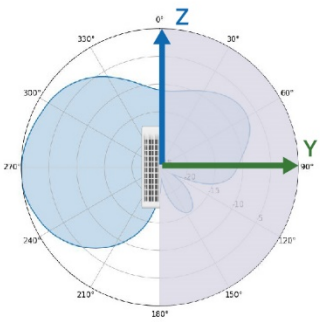
RF Performance

Frequency Band	Wi-Fi Protocol & Bandwidth	MCS Index / Data Rate	EU/US Maximum Transmit Power (dBm) per transmit chain	Receiver Sensitivity (dBm) per receive chain
2.4 GHz	802.11n, HT20	MCS0	15/19	-96
		MCS7	15/18	-78.5
	802.11n, HT40	MCS0	15/19	-93
		MCS7	15/18	-75.5
	802.11ax, HE20	MCS0	15/19	-96
		MCS11	15/17	-69
	802.11ax, HE40	MCS0	15/19	-93
		MCS11	15/17	-66
	802.11be, EHT20	MCS0	15/19	-96
		MCS13	15/16	NA
	802.11be, EHT40	MCS0	15/19	-93
		MCS13	15/16	-NA
5 GHz	802.11n, HT20	MCS0	19/19	-93.5
		MCS7	17/17	-76
	802.11n, HT40	MCS0	19/19	-90.5
		MCS7	17/17	-73
	802.11ac, VHT20	MCS0	19/19	-93.5
		MCS7	17/17	-76
	802.11ac, VHT40	MCS0	19/19	-90.5
		MCS9	16/16	-68
	802.11ac, VHT80	MCS0	19/19	-87.5
		MCS9	16/16	-65
	802.11ax, HE20	MCS0	19/19	-93.5
		MCS11	16/16	-67
	802.11ax, HE40	MCS0	19/19	-90.5
		MCS11	16/16	-63
	802.11ax, HE80	MCS0	19/19	-87.5
		MCS11	16/16	-60
	802.11ax, HE160	MCS0	19/19	-85

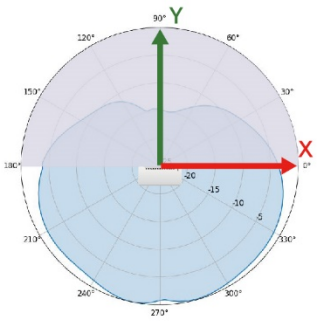
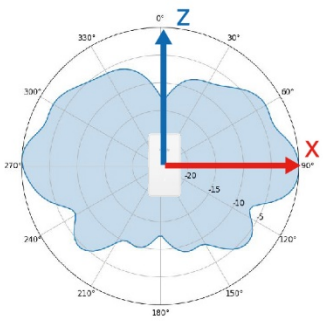
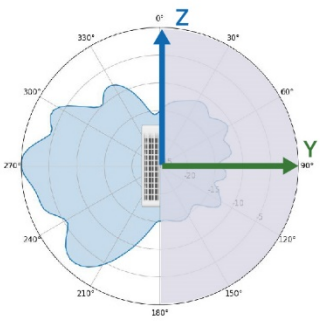
Frequency Band	Wi-Fi Protocol & Bandwidth	MCS Index / Data Rate	EU/US Maximum Transmit Power (dBm) per transmit chain	Receiver Sensitivity (dBm) per receive chain
		MCS11	16/16	-57
	802.11be, EHT20	MCS0	19/19	-93.5
		MCS13	15/15	-63
	802.11be, EHT40	MCS0	19/19	-90.5
		MCS13	15/15	-60
	802.11be, EHT80	MCS0	19/19	-87.5
		MCS13	15/15	-57
	802.11be, EHT 160	MCS0	19/19	-85
		MCS13	15/15	-54
6 GHz	802.11ax, HE20	MCS0	18/10	-93.5
		MCS011	14/10	-64
	802.11ax, HE40	MCS0	18/13	-90.5
		MCS011	14/13	-61.5
	802.11ax, HE80	MCS0	18/16	-87.5
		MCS011	14/14	-59
	802.11ax, HE160	MCS0	18/19	-85
		MCS011	14/14	-56
	802.11be, EHT20	MCS0	18/10	-93.5
		MCS013	14/10	-60
	802.11be, EHT40	MCS0	18/13	-90.5
		MCS013	14/13	-57
	802.11be, EHT80	MCS0	18/16	-87.5
		MCS013	14/14	-54
	802.11be, EHT 160	MCS0	18/19	-85
		MCS013	14/14	-52.5
	802.11be, EHT 320	MCS0	18/19	-82
		MCS013	14/14	-51

Antenna Radiation Patterns

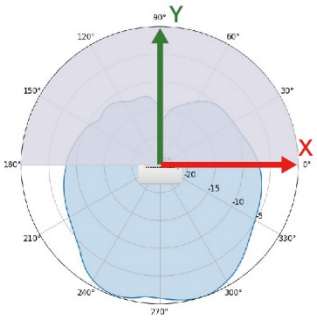
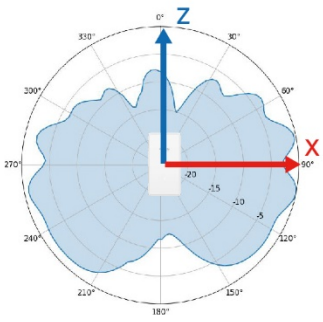
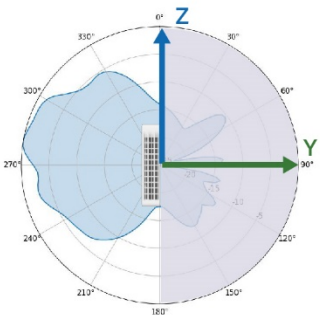
2.4 GHz

XY Plane	XZ Plane	YZ Plane
		

5 GHz

XY Plane	XZ Plane	YZ Plane
		

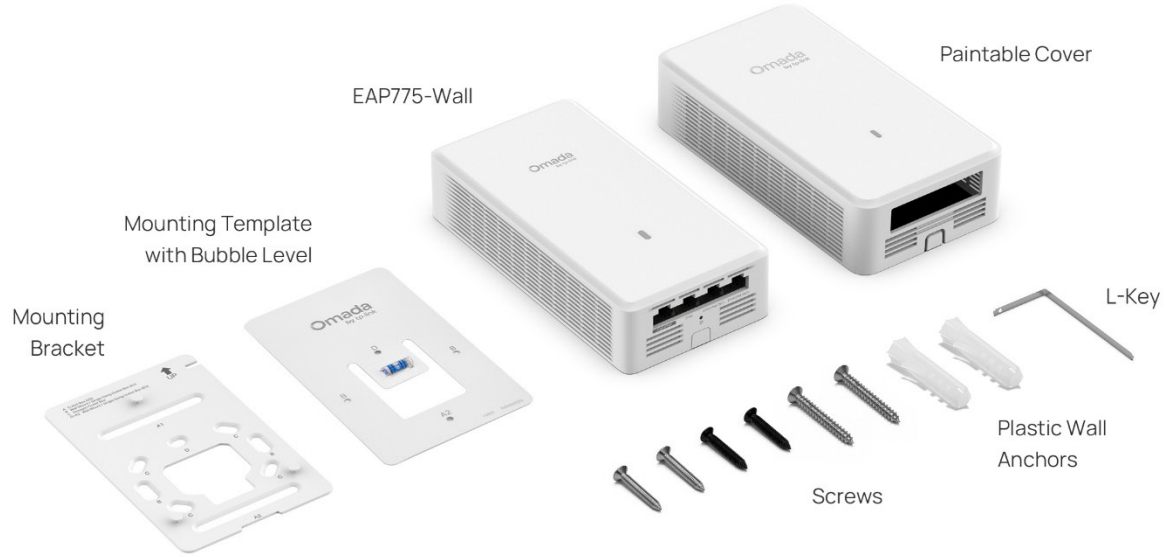
6 GHz

XY Plane	XZ Plane	YZ Plane
		

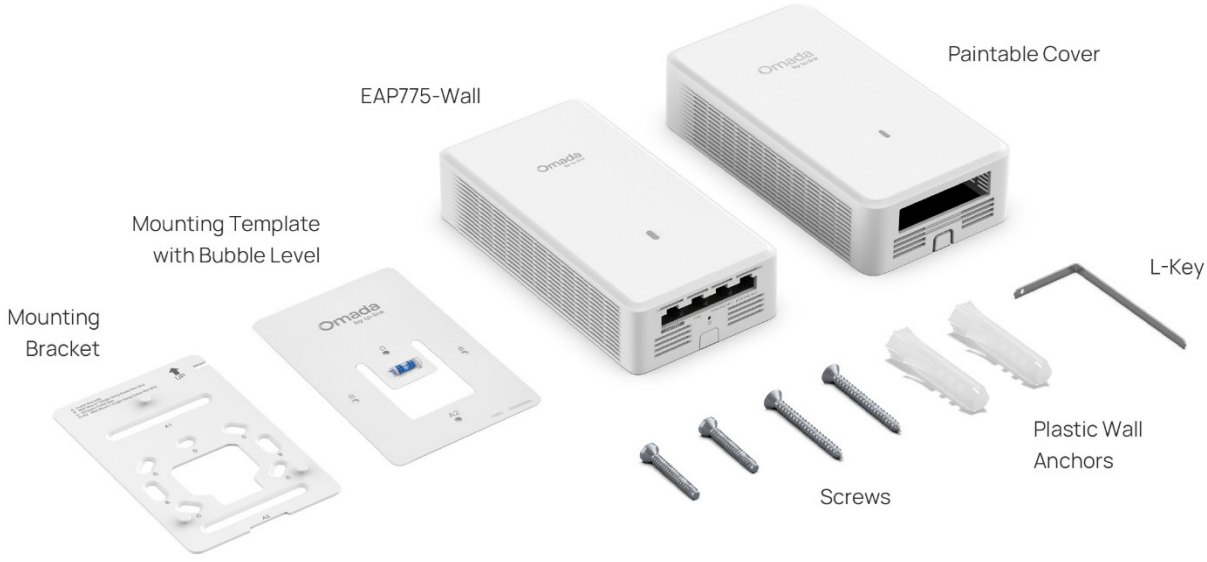
Package Contents

Item	Quantity
EAP775-Wall	1
Paintable Cover	1
Installation Guide	1
Mounting Kit	1

EU:



US:



Support Services

We are committed to providing you with comprehensive and reliable support services to ensure seamless experience with Omada products.

- Contact Support: https://support.omadanetworks.com/#contact-us
- Warranty Services: https://www.omadanetworks.com/support/replacement-warranty/

Revision History

Version	Date	Description
V1.0	2026-06-04	Initial release.

* Dual PoE output with a 6W total budget via 802.3at input (switches to single-port output if either port exceeds 3W), or dual PoE/single PoE+ output via 802.3bt input.

† 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 160 MHz and 240 MHz bandwidths or the 320 MHz bandwidth might not be available on the 5 GHz band or the 6 GHz band, respectively, in some regions/countries due to regulatory restrictions. 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), 160 MHz Bandwidth, 4K-QAM, Multi-RUs, OFDMA, and MU-MIMO requires clients to also support the corresponding features.

* 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.

** The actual capacity depends on the wireless environment and client traffic and is generally less than the maximum number of client connections.

△ These features require the use of an Omada controller. Please refer to the User Guides of Omada controllers for configuration methods.

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