Omada by tp-link

Datasheet

Omada Tri-Band Omni/Directional Indoor/Outdoor BE11000 Wi-Fi 7 Access Point

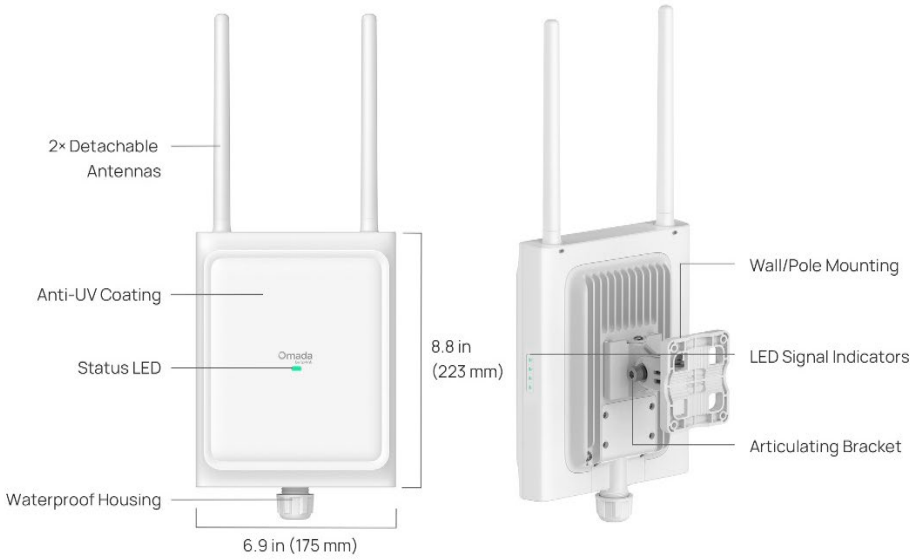
Model: EAP775-Outdoor

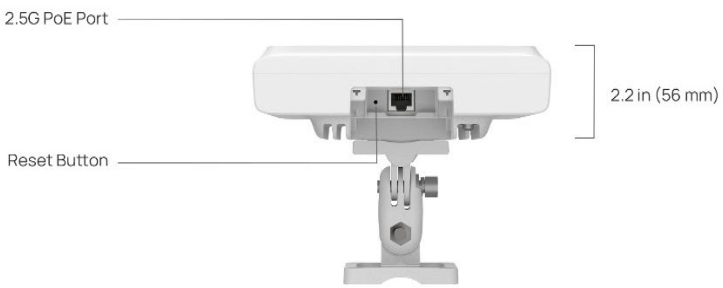
Product Overview

EAP775-Outdoor redefines outdoor connectivity with tri-band Wi-Fi 7. It delivers blazing-fast speeds with Multi-Link Operation (MLO), 4K-QAM, and an AFC-enabled 6 GHz band. Switching between omni and directional antenna modes is made effortless with the Omada app and web interface. Deployment is also hassle-free thanks to plug-and-play automatic detection. Housed in an IP68, UV-resistant enclosure, EAP775-Outdoor withstands the harshest environments. Enjoy scalable, high-performance outdoor networking powered by a 2.5G PoE+ port, with flexible multi-axis mounting, Omada cloud management, and seamless roaming.

- **6-Stream Tri-Band Wi-Fi 7:** 5765 Mbps on 6 GHz, 4324 Mbps on 5 GHz, and 688 Mbps on 2.4 GHz.†
- **6 GHz Band Unlocked by AFC:** AFC enables 6 GHz band outdoor uses.*
- **Plug & Play Auto-Sensing Antennas:** Automatically detects antenna changes and switches between directional and omnidirectional modes.§
- **Customizable Directional and Omnidirectional Antennas:** Individually adjust antenna modes for specific frequency bands via software to meet the precise requirements of complex, specialized scenarios.
- **1× 2.5G PoE+ Port:** Flexible PoE deployment reduces costs by delivering power and data over a single Ethernet cable.
- **Outdoor-Ready Durability:** Features an IP68-rated weatherproof enclosure, anti-UV coating, and 6kV lightning protection.
- **Quick and Easy Setup:** Features wall/pole mounting with Omada SDN for one-click setup.
- **Advanced Features:** Supports centralized management, mesh, and seamless roaming.△

Product Appearance

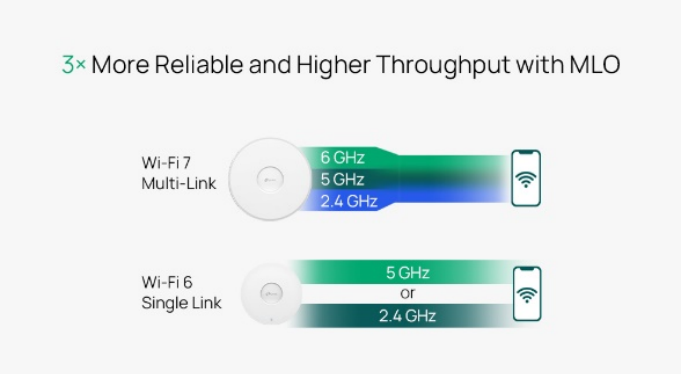




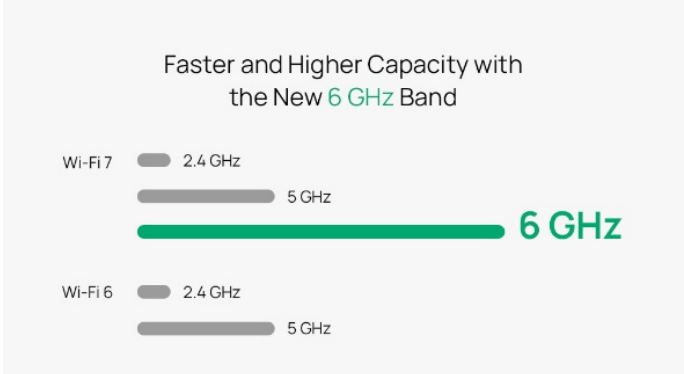
Feature Descriptions

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

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



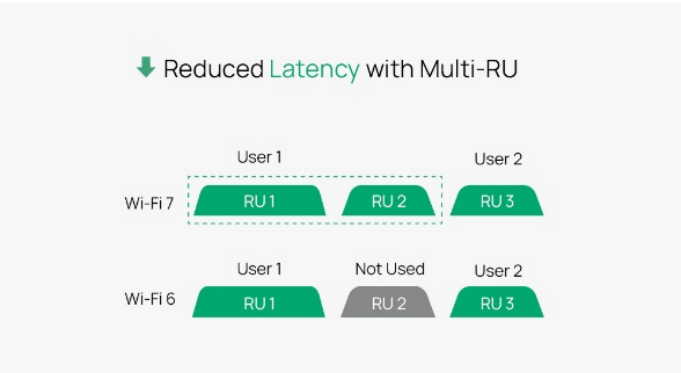
Wi-Fi 6 devices primarily rely on a single link for data transmission. Wi-Fi 7, however, introduces Multi-Link Operation (MLO), enabling simultaneous use of multiple links for higher throughput, lower latency, and improved reliability.



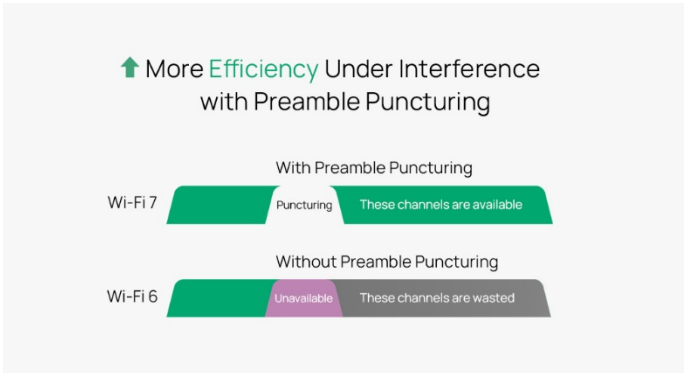
The new 6 GHz band offers a larger spectrum and cleaner channels compared to traditional bands, delivering higher capacity, faster connectivity, and less interference.

With ultra-wide 320 MHz channels, Wi-Fi 7 doubles the bandwidth of Wi-Fi 6's 160 MHz and the number of subcarriers for dramatically higher data transfer rates.

4096-QAM enables each symbol to carry 12 bits instead of 10, increasing theoretical transmission rates by 20% compared to Wi-Fi 6's 1024-QAM. This higher transmission rate boosts data throughput, offering enhanced speeds and improved network reliability.



Wi-Fi 6 restricts each user to a single resource unit (RU), limiting spectrum flexibility. Wi-Fi 7 overcomes this limitation by allowing multiple RUs to be allocated to a single user and enabling RU aggregation, improving data throughput and spectral efficiency.



Preamble puncturing identifies and excludes interference-affected subcarriers, reducing spectral waste and boosting efficiency in challenging wireless conditions.

AFC-Optimized Wi-Fi 7 for Mission-Critical Outdoors

The 6 GHz band with AFC provides cleaner spectrum resources and reduced signal interference, allowing EAP775-Outdoor to deliver true tri-band coverage, critical for reliable connectivity in crowded outdoor settings. Experience seamless outdoor connectivity, effortlessly powering high-bandwidth tasks like lag-free gaming, 4K/8K streaming, and real-time data transfers.

For more details on AFC, please visit: https://www.omadanetworks.com/support/faq/4373/

Tailored Coverage with Different Antenna Modes

Adapt to any environment effortlessly by selecting the antenna type that suits your needs. Whether you require long-distance connectivity or need to cover multiple endpoints, easily switch between omni, directional, or custom antenna configurations in seconds directly from the web interface or app.

Flexible Deployment with PoE Support

1× 2.5G PoE+ port delivers both power and data through a single cable, cutting deployment costs and outdoor wiring complexity.

Outdoor-Ready Design for Extreme Conditions

EAP775-Outdoor offers complete dustproof protection and the ability to withstand prolonged submersion in water. It supports IP68 weatherproof and 6kV lightning protection. The AP also tolerates temperatures of -30 °C to 70 °C, making it ideal for extremely hot and cold environments.

Quick and Easy Setup

Flexible installation options, including wall and pole mounts, enable quick deployment in diverse settings. Integration with Omada SDN allows for one-click adoption and automatic device discovery, streamlining the setup process.

Cloud-Based Centralized Management

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

Seamless Connectivity with Mesh and Roaming

Ensures customers enjoy uninterrupted streaming when moving around by switching clients automatically to the access points with the optimal signal.

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 Uplink/Downlink MU-MIMO with 2 spatial streams • 5 GHz: 2×2 Uplink/Downlink MU-MIMO with 2 spatial streams • 6 GHz: 2×2 Uplink/Downlink MU-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 6.105 to 6.425 GHz U-NII-5 6.525 to 6.875 GHz U-NII-7 *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	2.4 GHz + 5 GHz + 6 GHz: 10777 Mbps • 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) • TWT (Target Wake Time) • Maximal Ratio Combining (MRC) • Transmit Beamforming (TxBF) • Wi-Fi Protect 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 Uplink/Downlink MU-MIMO with 2 spatial streams • 5 GHz: 2×2 Uplink/Downlink MU-MIMO with 2 spatial streams • 6 GHz: 2×2 Uplink/Downlink MU-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 6.105 to 6.425 GHz U-NII-5 6.525 to 6.875 GHz U-NII-7 *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	• TWT (Target Wake Time) • 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 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: 8.6 Mbps to 1733M Mbps (MCS0-MCS9, NSS=1 to 2, VHT20/40/80/160)
	Radio Technology	OFDM (Orthogonal Frequency-Division Multiplexing)

Item	Description	
	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: 8.6 Mbps to 300 Mbps (MCS0-MCS7, NSS=1 to 2, HT20/40) • 5 GHz: 8.6 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)

Item	Description	
Antenna	Wi-Fi	2.4 GHz: • 2 × 4.5 dBi (peak gain), external omnidirectional antennas • 2 × 8.7 dBi (peak gain), internal directional antennas (antenna beamwidth 90° ×75°) 5 GHz: • 2 × 5.3 dBi (peak gain), external omnidirectional antennas • 2 × 10.5 dBi (peak gain), internal directional antennas (antenna beamwidth 90° ×45°) 6 GHz: • 2 × 7.0 dBi (peak gain), internal omnidirectional antennas • 2 × 12.0 dBi (peak gain), internal directional antennas (antenna beamwidth 90° ×30°) *Note: The gains above are the single-antenna peak gains.
	IoT	• Bluetooth: 1 × 2.0 dBi (peak gain), internal omnidirectional antenna
	GNSS	• 1× 3.5dBi (peak gain), internal directional antenna
Interfaces	• 1 x 10M/100M/1000M/2.5Gbps Ethernet Port (RJ45); PoE in • 1 x Grounding Terminal	
IoT	BLE 5.2, 2Mbps	
GNSS	GPS (L1: 1574.2MHz), Galileo, GLOANASS, BDS (B1)	
Memory	• Flash: 1024 Mbit • DRAM: 8192 Mbit	
Button	1 × Reset button: Press the button for longer than 5 seconds to make the device restore to factory settings.	
Indicator	1 × multi-color system LED indicates on the front: • Power-on status • Firmware initialization or upgrade status • Uplink service status • Error status 4 × green system LED indicates on the side: • Signal strength of Uplink	
Reliability	MTBF (Mean Time between Failure)	FCC: • 341025 hours at the operating temperature of 25℃（77℉） • 204736 hours at the operating temperature of 40℃（104℉）
Power Supply	Input	802.3at PoE+: 42.5 - 57 V ⎓ 0.6 A
	Output	/
Power Consumption	• 802.3at (PoE+): 20.4 W, 2.4GHz radio 2×2, 5GHz radio 2×2, wired link rate can be up to 2.5 Gbps, etc. • Idle mode: 9.2 W (PoE)	
Surge/Lightning Protection	Ethernet Ports: ±6 kV	

Item	Description	
ESD/EMP Protection	• Air discharge: ±8 kV • Contact discharge: ±4 kV *Note: ESD/EMP Protection means Electrostatic Discharge/Electromagnetic Pulse Protection independently.	
Tx Power	Maximum transmit power	FCC (Conducted Power) • 2.4 GHz: 25 dBm • 5 GHz: 25 dBm in U-NII-1, 24 dBm in U-NII-2A, 24 dBm in U-NII-2C, 25 dBm in U-NII-3 • 6 GHz: 25 dBm *Note: MIMO combined power, excluding antenna gains. The actual transmit power depends on local laws and regulations.
	Minimum transmit power	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: -30℃ to +70℃ (-22℉ to +158℉) • Storage: -40℃ to +70℃ (-40℉ to +158℉)
	Humidity	• Operating: 10% to 90% (non-condensing) • Storage: 5% to 90% (non-condensing)
	Altitude	• Storage: up to + 2000m(6561feet) • Operating: up to + 2000m(6561feet)
	Wind Loading	86.2N at 200 km/h (19.4 lbf at 125 mph)
	Weatherproof Enclosure	IP68
Unit	Dimensions (W×D×H)	• Main Unit: 223.0 × 175.0 × 56.0 mm (8.78 in. x 6.89 in. x 2.20 in.) • Shipping Unit: 300.0 × 265.0 × 93.0 mm (11.81 in. x 10.43 in. x 3.66 in.)
	Weight	• Main Unit: 1.4 kg (3.09 lbs) • Mounting Bracket: 0.13 kg (0.29 lbs) • Shipping Unit: 2.06 kg (4.54 lbs)
	Mounting	• Pole Mount (Kits included) • Wall Mount (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 + 6 GHz • 2.4 GHz + 5 GHz + 6 GHz
	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 and above • Omada Essential V5.15 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
	Repeater	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 / ARP Table • 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 802.3at • IEEE 802.3ab • IEEE 802.3bz • IEEE 802.3x
	Radio Standards	• FCC Part 15E • RSS-247, RSS-GEN
	EMC standards	• FCC Part 15C • ICES-003 issue7
	Security Standards	• WPA-Personal/Enterprise • WPA2-Personal/Enterprise • WPA3-Personal/Enterprise • OWE
	RoHS	• Directive 2011/65/EU, Directive (EU) 2015/863 • EN IEC 63000: 2018
Certifications	• Wi-Fi Alliance: Wi-Fi 7 (R1), Wi-Fi 6 (R2), Wi-Fi 6E, WPA3-R3, WPA3-Suite B, Enhanced Open Security • FCC/IC	

RF Performance

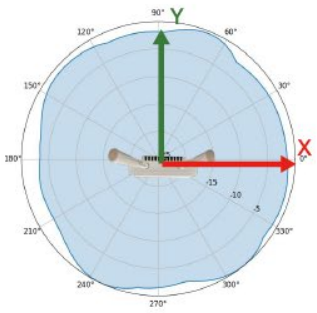
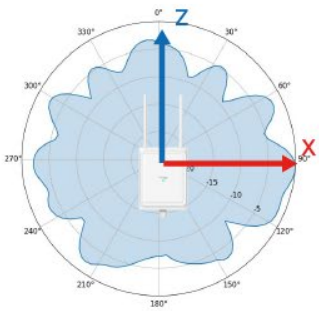
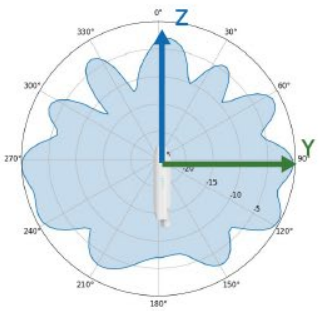
Frequency Band	Wi-Fi Protocol & Bandwidth	MCS Index / Data Rate	EU/US Maximum Transmit Power (dBm) per transmit chain	Receiver Sensitivity (dBm) per receive chain
2.4 GHz	802.11n, HT20	MCS0	NA/22	-97.0
		MCS7	NA/22	-77.0
	802.11n, HT40	MCS0	NA/22	-94.0
		MCS7	NA/22	-75.0
	802.11ax, HE20	MCS0	NA/22	-97.0
		MCS11	NA/20	-67.0
	802.11ax, HE40	MCS0	NA/22	-94.0
		MCS11	NA/20	-64.0
	802.11be, EHT20	MCS0	NA/22	-97.0
		MCS13	NA/19	NA
	802.11be, EHT40	MCS0	NA/22	-94.0
		MCS13	NA/19	NA
5 GHz	802.11n, HT20	MCS0	NA/22	-93.5
		MCS7	NA/20	-74.0
	802.11n, HT40	MCS0	NA/22	-90.5
		MCS7	NA/20	-70.5
	802.11ac, VHT20	MCS0	NA/22	-93.5
		MCS7	NA/19	-74.0
	802.11ac, VHT40	MCS0	NA/22	-90.0
		MCS9	NA/19	-66.5
	802.11ac, VHT80	MCS0	NA/22	-87.0
		MCS9	NA/19	-62.0
	802.11ax, HE20	MCS0	NA/22	-93.5
		MCS11	NA/18	-64.5
	802.11ax, HE40	MCS0	NA/22	-90.0
		MCS11	NA/18	-61.5
	802.11ax, HE80	MCS0	NA/22	-87.0
		MCS11	NA/18	-59.5
	802.11ax, HE160	MCS0	NA/22	-86.0

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	NA/18	-58.5
	802.11be, EHT20	MCS0	NA/22	-93.0
		MCS13	NA/17	-58.0
	802.11be, EHT40	MCS0	NA/22	-90.0
		MCS13	NA/17	-55.0
	802.11be, EHT80	MCS0	NA/22	-87.0
		MCS13	NA/17	-52.0
	802.11be, EHT160	MCS0	NA/22	-86.0
		MCS13	NA/17	-51.0
	802.11be, EHT240	MCS0	NA/22	-84.0
		MCS13	NA/15.5	-49.0
6 GHz	802.11ax, HE20	MCS0	NA/22	-94.5
		MCS11	NA/17	-64.0
	802.11ax, HE40	MCS0	NA/22	-91.5
		MCS11	NA/17	-61.5
	802.11ax, HE80	MCS0	NA/22	-88.0
		MCS11	NA/17	-59.0
	802.11ax, HE160	MCS0	NA/22	-86.0
		MCS11	NA/17	-57.0
	802.11be, EHT20	MCS0	NA/22	-94.0
		MCS13	NA/17	-59.0
	802.11be, EHT40	MCS0	NA/22	-91.0
		MCS13	NA/17	-56.0
	802.11be, EHT80	MCS0	NA/22	-88.0
		MCS13	NA/17	-53.0
	802.11be, EHT160	MCS0	NA/22	-86.0
		MCS13	NA/17	-52.0
	802.11be, EHT320	MCS0	NA/22	-84.0
		MCS13	NA/16	-50.0

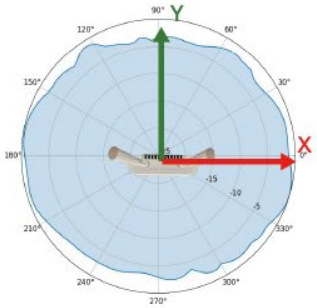
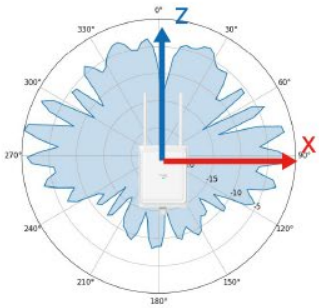
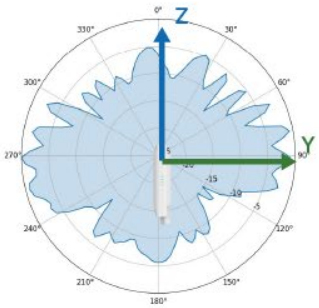
Antenna Radiation Patterns

Omnidirectional Antenna

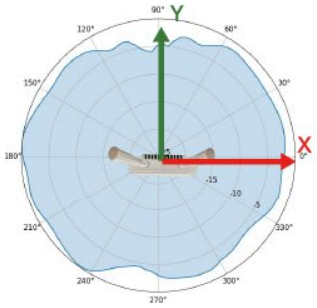
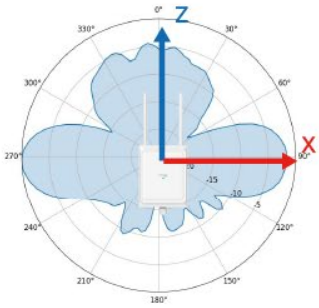
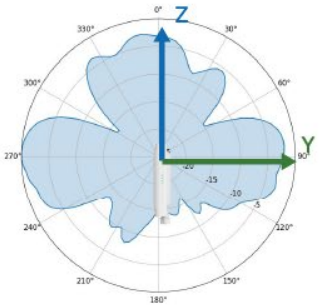
2.4 GHz

XY Plane	XZ Plane	YZ Plane
		

5 GHz

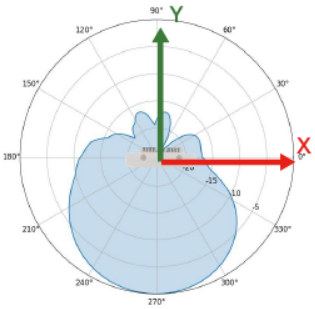
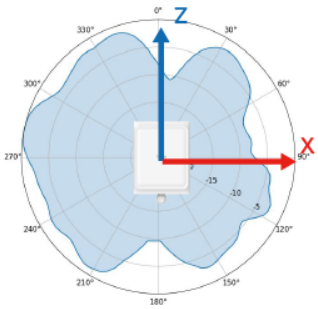
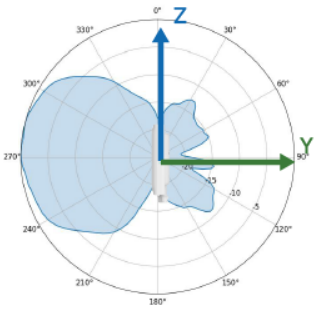
XY Plane	XZ Plane	YZ Plane
		

6 GHz

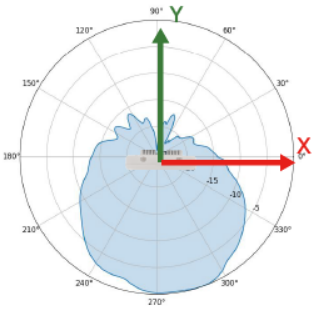
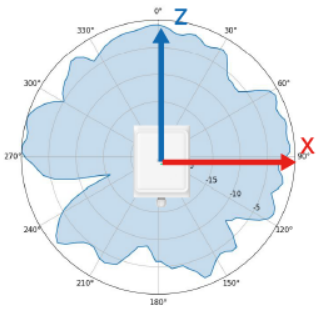
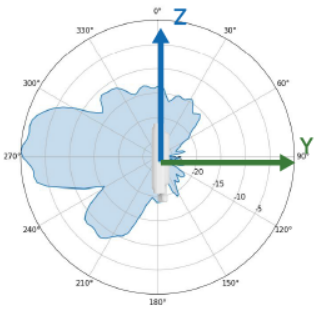
XY Plane	XZ Plane	YZ Plane
		

Directional Antenna

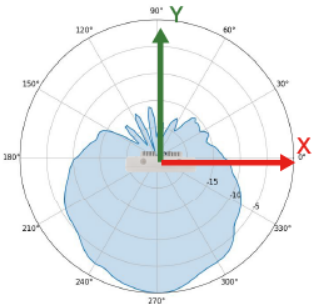
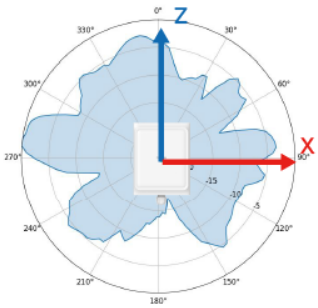
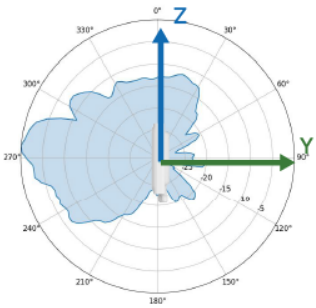
2.4 GHz

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-Outdoor	1
Waterproof Kit	1 (See the picture below for details)
Mounting Kit	1 (See the picture below for details)
Antenna	2
Installation Guide	1

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	2026-05-13	Initial release.

†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 and will vary as a result of network conditions, client limitations, and environmental factors, including building materials, obstacles, volume and density of traffic, and client location.

*AFC availability varies by region and country. For the supported areas, refer to: https://www.omadanetworks.com/support/faq/4373/

§This feature must be used with the included antennas.

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

**Use of Wi-Fi 7 (802.11be), Wi-Fi 6 (802.11ax), and features, including Multi-Link Operation (MLO), 360 MHz Bandwidth, 240 MHz Bandwidth, 4K-QAM, Multi-RUs, and OFDMA, requires clients to also support the corresponding features.

* 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.