



TP-Link Omada AX1800 Indoor/Outdoor Wi-Fi 6 Access Point

Brand : TP-Link

Product family: Omada

Product code: EAP623-OUTDOOR HD

Product name : AX1800
Indoor/Outdoor Wi-Fi 6 Access
Point

2.4 GHz (574 Mbps), 5 GHz (1201 Mbps), 1x Gigabit LAN, 48V Passive PoE, 280.4 x 106.5 x 56.8 mm

[TP-Link Omada AX1800 Indoor/Outdoor Wi-Fi 6 Access Point:](#)

Long-Range, High-Speed WiFi 6

Professional antennas with high-power amplifiers utilize WiFi 6 technology to deliver robust and extensive wireless coverage.

Powered by the latest WiFi 6 technology, the AP delivers speeds of up to 1.8 Gbps.

Explore More with Smart Antennas

Equipped with horizontally polarized and vertically polarized antennas, EAP623-Outdoor HD's intelligent algorithms automatically select the optimal antennas, bringing lower interference, longer coverage, and higher performance.

Ideal for High-Density Outdoor Scenes

OFDMA and MU-MIMO provide simultaneous connections for dozens of clients in large open areas. Equipped with an IP67 weatherproof enclosure, our EAP623-Outdoor HD withstands the most extreme environments.

Flexible Deployment with Omada Mesh and PoE Support

Seamless Integration into Omada SDN

Features		Management features	
2.4 GHz *	✓	Web-based management	✓
5 GHz *	✓	Syslog	✓
6 GHz *	✗	Ports & interfaces	
Maximum data transfer rate *	1800 Mbit/s	Ethernet LAN (RJ-45) ports *	1
Maximum data transfer rate (2.4 GHz)	574 Mbit/s	Power	
Maximum data transfer rate (5 GHz)	1201 Mbit/s	Power over Ethernet (PoE) *	✓
Ethernet LAN data rates	10,100,1000 Mbit/s	Power over Ethernet (PoE) type supported	Passive PoE
Frequency band	2.4 - 5 GHz	Design	
Networking standards	IEEE 802.11a, IEEE 802.11ac, IEEE 802.11ax, IEEE 802.11b, IEEE 802.11g, IEEE 802.11n	Placement *	Pole
Cabling technology	10/100/1000Base-T(X)	Product colour *	White
Number of users	1020 user(s)	Reset button	✓
Automatic channel selection	✓	LED indicators	✓
Automatic channel scanning	✓	Certification	CE, FCC, RoHS
MIMO	✓	Antenna	
MIMO type	Multi User MIMO	Antenna type *	Internal
VLAN support	✓	Antenna direction type	Omni-directional
Rate limiting	✓	Antenna features	Integrated antenna
Band steering	✓	Antennas quantity	2
Airtime Fairness (ATF)	✓	Weight & dimensions	
Quality of Service (QoS) support	✓	Width	280.4 mm
BeamForming	✓	Depth	106.5 mm
Transmitting power (CE)	< 20 dBm (2.4 GHz, EIRP), < 30 dBm (5 GHz, EIRP);	Height	56.8 mm
Transmitting power (FCC)	< 25 dBm (2.4 GHz), < 25 dBm (5 GHz)	Packaging content	
Security		Number of products included	1 pc(s)
Security algorithms *	SNMP, SNMPv2, SNMPv3, SSH	Mounting kit	✓
		Quick start guide	✓



Security		Operational conditions	
MAC address filtering	✓	Operating relative humidity (H-H)	10 - 90%
Remote Authentication Dial-In User Service (RADIUS)	✓	Operating temperature (T-T)	-30 - 70 °C
Access Control List (ACL)	✓	Storage temperature (T-T)	-40 - 70 °C
		Storage relative humidity (H-H)	5 - 90%



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