



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%



4895252506303

Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity.

Publication date: 06-SEP-2024. Prints or copies of Information are only valid on the printed Publication date