

WI-FI 6 MESH AP (AX1800)

Product Specification

■ Summary

AZORES WA6-E20 AX1800 Wi-Fi 6 Router is best suited for residential and small office applications. It provides customers 2 Gigabit Ethernet ports along with dual band 2x2 802.11ax (5GHz) and 2x2 802.11ax (2.4GHz) Wi-Fi. This product supports EasyMesh for better in-home/in-office Wi-Fi network.

■ Highlights

- ❖ 2x 10/100/1000BASE-T EthernetRJ45 Ports (auto-WAN détection)
- ❖ 5G 2x2 802.11ax at 27dBm
- ❖ 2.4G 2x2 802.11ax at 26dBm
- ❖ EasyMesh Support
- ❖ Band Steering
- ❖ WAN / LAN adaption (Auto-detecting WAN/LAN)
- ❖ Wall-adaptor Powering
- ❖ 0 to 40°C operating temperature

■ Specifications

General

BFW Model	WA6-E20(AX1800)
CPE Type	Wi-Fi 6 Router
Main SoC	BCM6755
Ethernet Ports	2x GE (Auto-detecting WAN/LAN)
Operating Temperature	0 to 40°C
Operating Humidity	10% to 90%, non-condensing
Dimensions	φ 96 x 160.5mm
Installation	Desktop
Weight	360g
Regulatory	CCC, CE and FCC

Ethernet LAN

Ethernet Interface	2x RJ45 connectors
Standard Compliance	IEEE 802.3, 802.3u, 802.3ab
Link	Half-duplex and full-duplex operations 10/100/1000Mbps auto-negotiation and manual configuration MDI/MDIX auto detection

Wi-Fi 5G

MIMO	2x2
Standards	802.11ax, 802.11ac, 802.11n
EIRP	27dBm
Antenna	2 Internal Antennas with 5dBi Gain
Speed	1.2Gbps

Wi-Fi 2.4G

MIMO	2x2
Standards	802.11ax, 802.11n

EIRP	26dBm
Antenna	2 Internal Antennas with 5dBi Gain
Speed	574Mbps

Power

Power Options	Wall Adapter
Wall Adapter	Standard barrel connector 100-240VAC in, 50/60Hz 12VDC out, 1.5A max

Buttons and LEDs

Buttons	Power, WPS (Also used as Reset)
LED	One tri-color light (Normal, Alarm, WPS)

Mesh

Standard	Wi-Fi Alliance EasyMesh
Backhaul Methods	<ul style="list-style-type: none"> Backhaul via 5G 802.11ax Backhaul via RJ-45 Ethernet
Pairing Method	By Pushing WPS Button

Feature

Security	WPA-PSK,WPA2-PSK, WPA3-SAE,AES,TKIP,WPS
Management	WEB GUI mobile Phone APP Firmware Local Upgrad, Firmware Remote Upgrad IGMPv1/v2/v3,DHCP,NTP Client,DDNS,Port Forwarding,DMZ
WAN Connection	Internet connect type:Static IP,DHCP,PPOE. Support Router mode,Bridge mode
Port type	RJ45 for 1Gbps WAN/LAN x2
Wi-Fi	11AX MU-MIMO HT20/HT40/HT80 Support Wireless power multi-level selection

	Wi-Fi Timing Wi-Fi dual band Roaming Band Steering Omnidirectional antenna Easy Mesh
Special Feature	Auto-detecting WAN/LAN Support Anti-rub Network Support Access Restriction Support One-key into blacklist Parental Control LED Timing IP and MAC binding (Using Printer) Firewall DDNS Portmapping Traffic Monitoring Associate equipments Managment Suport Guest WiFi,Guest WiFi Isolation Support E-link Support IPv6
Diagnose	Internet diagnosis,Ping diagnosis, Traceroute diagnosis

■ Product Photos

❖ Front View



❖ **Back View**

AX1800 Backside Illustration



■ Contact

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