

Wi-Fi 6 AX 3000 Gigabit MESH Router

W6 304QAX CE/EG

airlive®



Qualcomm

Wireless
AX3000

5G & 2.4Ghz
Dual Bands

4 x Giga
WAN/LAN

Easy
MESH

VPN
Server

MU-MIMO
OFDMA

WPA3
Security

Parental
Control

1024 QAM

OpenWrt

IPTV

Overview

- Wi-Fi 6 2.4Ghz 40Mhz, 2 x 2 at 574Mbps, 90% faster than 11ac 1200
- Wi-Fi 6 5Ghz 80Mhz, 2 x 2 at 2401Mbps, 80% faster than 11ac 1200
- Advanced Qualcomm CPU and DDR3 256MB high memory, support stable connection up to 128 devices
- OFDMA + MU-MIMO + Range Boost + 1024QAM +OBSS
 - ✓ Multiple users can transmit data simultaneously at the same time
 - ✓ Lower latency in crowded environment
 - ✓ Wide Coverage
 - ✓ Higher throughput and capacity
 - ✓ Shorten waiting time for signals
- Support IPTV/VLAN
- Support latest WPA3 advanced security protocol
- Support Parental Control (Black/White list, URL control)
- Smart Easy MESH Roaming
- VPN for remote working
- Preload OpenWrt

Features

- WiFi 6 11a/b/g/n/ax compliant
- 2T2R 3000Mbps Wireless High Speed (573Mbps + 2401Mbps)
- Qualcomm IPQ5000 CPU processor
- DDR3 256MB RAM and 128MB Flash memory
- 20/40/80Mhz Channel
- Concurrent dual bands
- 1 x 10/100/1000mbps WAN
- 3 x 10/100/1000mbps LAN
- 2 x 2.4Ghz 5dBi external antennas
- 2 x 5Ghz 5dBi external antennas
- Stable Internet connection for multitasking
- VPN Server
- Easy Mesh Support
- IPTV Support
- Preload OpenWrt
- Language : English, Arabia, Turkish, Spanish (reserved)

Rich & Advanced Functions AirLive W6 304QAX

Open Router

OpenWrt Software Base

A perfect router solution



Smart MESH 1SSID

Always Connected, Roaming Freely



IPTV Pass-through

Enjoying Internet TV



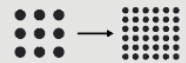
VPN Server

Secure connection for remote working



MU-MIMO

Speed up your network
by share 3000Mbps bandwidth



1024-QAM

1.25X faster vs WI-FI5



Parental Control

Time to sleep



OFDMA
Technology

Data from multiple users transmitted at one



Range Boost
Technology

Provide continuous and stable signal



OBSS Technology

Interference avoidance

Model	W6 304QAX AX3000 Gigabit MESH Router
<p>Device Interface</p> <ul style="list-style-type: none">• Main Chip: Qualcomm IPQ5000• Flash:128MB• RAM:DDR3 256MB• Ethernet (LAN): 3 x RJ45 10/100/1000mbps• WAN: 1x RJ-45 10/100/1000mbps• WiFi: 2 x 802.11ax/ac/n 2T2R(2.4Ghz), 2 x 802.11ax/ac 2T2R (5Ghz)• Button: WPS/Reset x 1, MESH x 1, Power x 1• Power Input: 1 x 12VDC 1 or 1.5A acceptable• Antenna Connector: 2 x Wireless Antenna (5Ghz) 2 x Wireless Antenna (2.4Ghz) <p>WAN</p> <ul style="list-style-type: none">• WAN: PPPoE, DHCP, Static IP, Transparent Bridge, VLAN support, IPv4, IPv6 <p>WiFi</p> <ul style="list-style-type: none">• Standard: IEEE 802.11a/b/g/n/ax, 2x2+4x4, 20/40/80 MHz channels• Functions: Multi-SSID, SSID hidden ,SSID isolation• Security: WEP, WPA, WPA2, WPA3,WPA-PSK, 802.1x• Modulation : 1024-QAM modulation rates• Wi-fi Advanced: Wireless client isolation, STBC, WMM multimedia acceleration• Wireless Channel <u>2.4G:</u>1~13 <u>5.8G(CE):</u> 36,40,44,48,52,56,60,64,100,108,112,116,120,124,128,132,136,140 <u>5.8G(EG):</u>36,40,44,48,52,56,60,64• Wireless TX Power 2.4G:20dbm MAX; 5.8G:TX 23dbm MAX <p>IPv6</p> <ul style="list-style-type: none">• IPv6 RA/ Prefix apps <p>Firewall/Filtering</p> <ul style="list-style-type: none">• Firewall Level: high, Middle, low• Filter Rule: URL Filter/Mac Filter• URL filtering: White list/Black List. <p>DMZ</p> <ul style="list-style-type: none">• DMZ <p>IPTV</p> <ul style="list-style-type: none">• VLAN• LAN1/LAN2/LAN3 <p>Port Forwarding Rule/Range</p> <ul style="list-style-type: none">• TCP/UDP	<p>VPN</p> <ul style="list-style-type: none">• PPTP L2TP VPN Server• L2TP/PPTP client <p>UPnP</p> <ul style="list-style-type: none">• Upnp <p>DDNS</p> <ul style="list-style-type: none">• 3322.org• dyndns.org• no-ip.com• easydns.com• dnsexit.com• Dnsomatic.com• he.net• dnsdynamic.org <p>Parental Control</p> <ul style="list-style-type: none">• Mac Address Filtering• URL Filtering <p>MESH</p> <ul style="list-style-type: none">• Easy Mesh• Controller• Agent• Status <p>SNMP</p> <ul style="list-style-type: none">• V1/2c agent <p>Data Statistics</p> <ul style="list-style-type: none">• Lan• WAN• WiFi 2.4G• WiFi 5.8G <p>Multiple Language</p> <ul style="list-style-type: none">• English / Arabic/ Turkish <p>Environment</p> <ul style="list-style-type: none">• Operating temperature : 0°C ~ +50°C• Storage Temperature : -10°C ~ +70°C• Humidity : 10% ~ 90% (non-condensing)• Enclosure : Plastic <p>Package Accessory</p> <p>1 x Device, 1 x Power Adapter</p> <p>Ordering information</p> <ul style="list-style-type: none">• AirLive W6 304QAX CE or EG Wi-Fi 6 AX 3000 Indoor Gigabit Router, with Easy MESH, VPN, IPTV, OpenWrt preloaded

* Specification will be changed without prior notice

