

# Wi-Fi 6 AX 1800 Gigabit MESH Router

W6 184QAX CE

airlive®



Qualcomm  
Quad Core

Wireless  
AX1800

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 1201Mbps, 40% faster than 11ac 1200
- Advanced Qualcomm Quad-Core CPU and DDR3 256MB high memory, support stable connection up to 128 devices
- OFDMA + MU-MIMO + Range Boost + 1024QAM +OSBB
  - ✓ 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 1800Mbps Wireless High Speed (573Mbps + 1201Mbps)
- Qualcomm IPQ6000 1.2Ghz 64-bit Quad Core 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, Arabic, Turkish, Spanish (reserved)

## Rich & Advanced Functions AirLive W6 184QAX CE

### Open Router

OpenWrt Software Base

A perfect router solution



Smart MESH 1SSID

Always Connected, Roaming Freely



IPTV Pass-through

Enjoying Internet TV



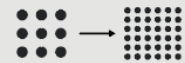
VPN Server

Secure connection for remote working



MU-MIMO

Speed up your network  
by share 1800Mbps 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	W6-184QAX AX1800 Gigabit Router (CE)
<p><b>Device Interface</b></p> <ul style="list-style-type: none"><li>• <b>Main Chip:</b> Qualcomm IPQ6000, Quad Core, 64-bit</li><li>• <b>Flash:</b>128MB</li><li>• <b>RAM:</b>DDR3 256MB</li><li>• <b>Ethernet (LAN):</b> 3 x RJ45 10/100/1000mbps</li><li>• <b>WAN:</b> 1x RJ-45 10/100/1000mbps</li><li>• <b>WiFi:</b> 2 x 802.11ax/ac/n 2T2R(2.4Ghz), 2 x 802.11ax/ac 2T2R (5Ghz)</li><li>• <b>Button:</b> WPS/Reset x 1, MESH x 1, Power x 1</li><li>• <b>Power Input:</b> 1 x 12VDC 1 or 1.5A acceptable</li><li>• <b>Antenna Connector:</b> 2 x Wireless Antenna (5Ghz) 2 x Wireless Antenna (2.4Ghz)</li></ul> <p><b>WAN</b></p> <ul style="list-style-type: none"><li>• <b>WAN:</b> PPPoE, DHCP, Static IP, Transparent Bridge,</li></ul> <p><b>WiFi</b></p> <ul style="list-style-type: none"><li>• <b>Standard:</b> IEEE 802.11a/b/g/n/ax, 2x2, 20/40/80 MHz channels</li><li>• <b>Functions:</b> Multi-SSID, SSID hidden ,SSID isolation</li><li>• <b>Security:</b> WEP, WPA, WPA2, WPA3,WPA-PSK, 802.1x</li><li>• <b>Modulation :</b> 1024-QAM modulation rates</li><li>• <b>Wi-fi Advanced:</b> Wireless client isolation, STBC, WMM multimedia acceleration</li><li>• <b>Wireless Channel</b></li><li>• 2.4G:1~13</li><li>• 5.8G(CE Channel): 36,40,44,48,52,56,60,64,100,108,112,116,120,124, 128,132,136,140</li><li>• <b>Wireless TX Power</b> 2.4G:20dbm MAX; 5.8G:TX 23dbm MAX</li></ul> <p><b>IPv6</b></p> <ul style="list-style-type: none"><li>• <b>IPv6 RA/ Prefix apps</b></li></ul> <p><b>Firewall/Filtering</b></p> <ul style="list-style-type: none"><li>• <b>Firewall Level:</b> high, Middle, low</li><li>• <b>Filter Rule:</b> URL Filter/Mac Filter</li><li>• <b>URL filtering:</b> White list/Black List.</li></ul> <p><b>DMZ</b></p> <ul style="list-style-type: none"><li>• <b>DMZ</b></li></ul> <p><b>IPTV</b></p> <ul style="list-style-type: none"><li>• <b>VLAN support, IPv4, IPv6</b></li><li>• <b>LAN1/LAN2/LAN3</b></li></ul> <p><b>Port Forwarding Rule/Range</b></p> <ul style="list-style-type: none"><li>• <b>TCP/UDP</b></li></ul>	<p><b>VPN</b></p> <ul style="list-style-type: none"><li>• <b>PPTP L2TP VPN Server</b></li><li>• <b>L2TP/PPTP client</b></li></ul> <p><b>UPnP</b></p> <ul style="list-style-type: none"><li>• <b>Upnp</b></li></ul> <p><b>DDNS</b></p> <ul style="list-style-type: none"><li>• <b>3322.org</b></li><li>• <b>dyndns.org</b></li><li>• <b>no-ip.com</b></li><li>• <b>easydns.com</b></li><li>• <b>dnsexit.com</b></li><li>• <b>Dnsomatic.com</b></li><li>• <b>he.net</b></li><li>• <b>dnsdynamic.org</b></li></ul> <p><b>Parental Control</b></p> <ul style="list-style-type: none"><li>• <b>Mac Address Filtering</b></li><li>• <b>URL Filtering</b></li></ul> <p><b>MESH</b></p> <ul style="list-style-type: none"><li>• <b>Easy Mesh</b></li><li>• <b>Controller</b></li><li>• <b>Agent</b></li><li>• <b>Status</b></li></ul> <p><b>SNMP</b></p> <ul style="list-style-type: none"><li>• <b>V1/2c agent</b></li></ul> <p><b>Data Statistics</b></p> <ul style="list-style-type: none"><li>• <b>Lan</b></li><li>• <b>WAN</b></li><li>• <b>WiFi 2.4G</b></li><li>• <b>WiFi 5.8G</b></li></ul> <p><b>Multiple Language</b></p> <ul style="list-style-type: none"><li>• <b>English / Arabic / Turkish</b></li></ul> <p><b>Environment</b></p> <ul style="list-style-type: none"><li>• Operating temperature : 0°C ~ +50°C</li><li>• Storage Temperature : -10°C ~ +70°C</li><li>• Humidity : 10% ~ 90% (non-condensing)</li><li>• Enclosure : Plastic</li></ul> <p><b>Package Accessory</b></p> <p>1 x Device, 1 x Power Adapter</p> <p><b>Ordering information</b></p> <ul style="list-style-type: none"><li>• <b>AirLive W6 184QAX CE</b> Wi-Fi 6 AX 1800 Indoor Gigabit Router, with Easy MESH, VPN, IPTV, OpenWrt preloaded</li></ul>

