

# Wi-Fi 6 AX 1800 Gigabit MESH Router

W6 184QAX IL

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

## Rich & Advanced Functions AirLive W6 184QAX IL

### Open Router

OpenWrt Software Base

A perfect router solution



Smart MESH 1SSID

Always Connected, Roaming Freely



IPTV Pass-through

Enjoying Internet TV



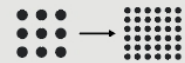
VPN Server

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(IL)
<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>WPS/Reset:</b> 1 Button</li><li>• <b>MESH:</b> 1 Button</li><li>• <b>Power:</b> 1 Button</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> 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: (IL Channel) 3,4,5,6,7,8,9</li><li>• 2.4G Freq (IL): 2422 ~ 2542Mhz</li><li>• 5.8G: (IL Channel): 36,40,44,48</li><li>• 5.8G: Freq (IL): 5180Mhz ~ 5240Mhz</li><li>• <b>Wireless TX Power</b></li><li>• 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</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 IL</b> Wi-Fi 6 AX 1800 Indoor Gigabit Router, with Easy MESH, VPN, IPTV, OpenWrt preloaded</li></ul>

\* Specification will be changed without prior notice

