W6184 QAX

MESH.VPN
OPEN WRT
IPTV

Qualcomm CPU

Wi-Fi 6 is Here

Wi-Fi 6 Easy MESH & VPN Gigabit Router, OpenWrt preloaded

AirLive W6 184QAX router is an advanced multi-function Wi-Fi6 compliant wireless Dual Bands MESH Gigabit router at 1.8Gbps wireless speed, with Qualcomm Quad Core CPU at 1.2Ghz, 256MB DDR3 high-speed memory, four high-gain dual polarized antennas, one Gigabit WAN port, three Gigabit LAN ports. It provides 1.25 times faster wireless speed and 4X greater network capacity and efficiency in traffic dense environments, comparing to 11ac.

Combining with high grade strong Qualcomm Quad core CPU and Wi-Fi 6 technology, the W6 184QAX router supports advanced functions including Smart Easy MESH roaming, VPN, VLAN, IPTV pass-through. Moreover, it is an OpenWrt preloaded router which professional users can program and add preferred features to the router as wishes.

The W6184QAX multi-function Wi-Fi 6 router can be installed at home, SOHO, and office. It can be used for a wide various applications, such as Gaming, AR/VR, IPTV, router, your unique router with OpenWrt development, etc.

Applications: Home, SOHO, Office
Gaming, AR/VR, IPTV, Routing..
Your unique Router with OpenWrt development

Smart MESH 1SSID
Always Connected. Roaming Freely

AirLive W6 184QAX supports Smart Easy MESH Roaming. Multiple sets of W6 184QAX will be set in one SSID automatically by MESH system. It lets you wipe out dead spots and fill in the gaps in your home coverage, and enjoy Wi-Fi in every room, and even in the backyard or garage.

VPN Server
secure connection for remote working

AirLive W6 184QAX brings much more for you working from your home. It supports VPN technology, a virtual private network safe and encrypted connective over a less secure network such as Internet. Building your security tunnel between your home and office, you can work remotely.

IPTV Pass-through
Enjoying Internet TV

W6184QAX router will stream IPTV with easy, and you will never to worry about buffering again.IPTV function able to define a priority range based on data types. Time-sensitive data such as video/audio data will have a higher priority than normal data. So you dont need to worry about if there any network user downloading a huge data, affect your internet TV.
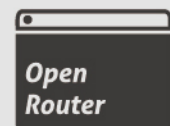
Parent Control
time to sleep

This function assists parents to limit internet usage by time. It can block the wireless transmit by time and to block unsuitable URL. So you can set your child's internet connect time by daily basis.

OpenWrt Software Base
Build the router you need

Using the OpenWrt, cross-platform solutions can be created that allows you to fine-tune the software to the application scenario. The developer kit currently support Erlang, Java, Lua, NodeJS, Perl, PHP, Python and Ruby. Developer and engineers can program and install their own applicaitions flexibly. This allow user to create their own customize router according to present network need.

Range Boost Technology
Provide continuous and stable signal

Different than traditional router which provides fixed wireless signal range, W6 184QAX features advanced Smart Easy MESH Roaming and Range Boost technology as well as four high-gain antennas. The router will detect and concentrate wireless signal strength towards connected wireless devices that greatly improves your network coverage.

OBSS technology
Interference avoidance

AirLive W6 184QAX supports OBSS technology. The technology improves the spectral efficiency by providing a better signal-to-noise ratio (SNR) that prevents interference.

OFDMA Technology
Data from multiple users transmitted at one

To break bandwidth limitation, Wi-Fi 6 has big improvement in encryption technology, OFDMA and 1024QAM. WiFi 6 technology allows router allocate the whole channels to a single user at a time or partition channels into smaller radio band to serve multiple user simultaneourly.

MU-MIMO
Speed up your network by share 1800Mbps bandwidth

AirLive W6 184QAX supports 2T2R MU-MIMO that it can communicate with multiple devices simultaneously. 1800Mbps bandwidth share to different devices, for example 433Mbps for iPad, 433Mbps for notebook, 866Mbps for smart phone. This decreases the time each device has to wait for a signal and dramatically speeds up your network.

1024-QAM
1.25X faster vs Wi-Fi5

Wi-Fi 6 1024-QAM high data package encryption technology transmits more data at a time. The bandwidth is increased, and there are no needs to queue up for data transmission. If you can increase the data that can be carried in each packet, the speed will surely increase. Compared to Wi-Fi 5 (11ac) which uses 256-QAM, W6 184QAX router can increase the rate by 1.25 times.

ONE SSID NEVER LOST

Smart MESH 1SSID

Always Connected, Roaming Freely
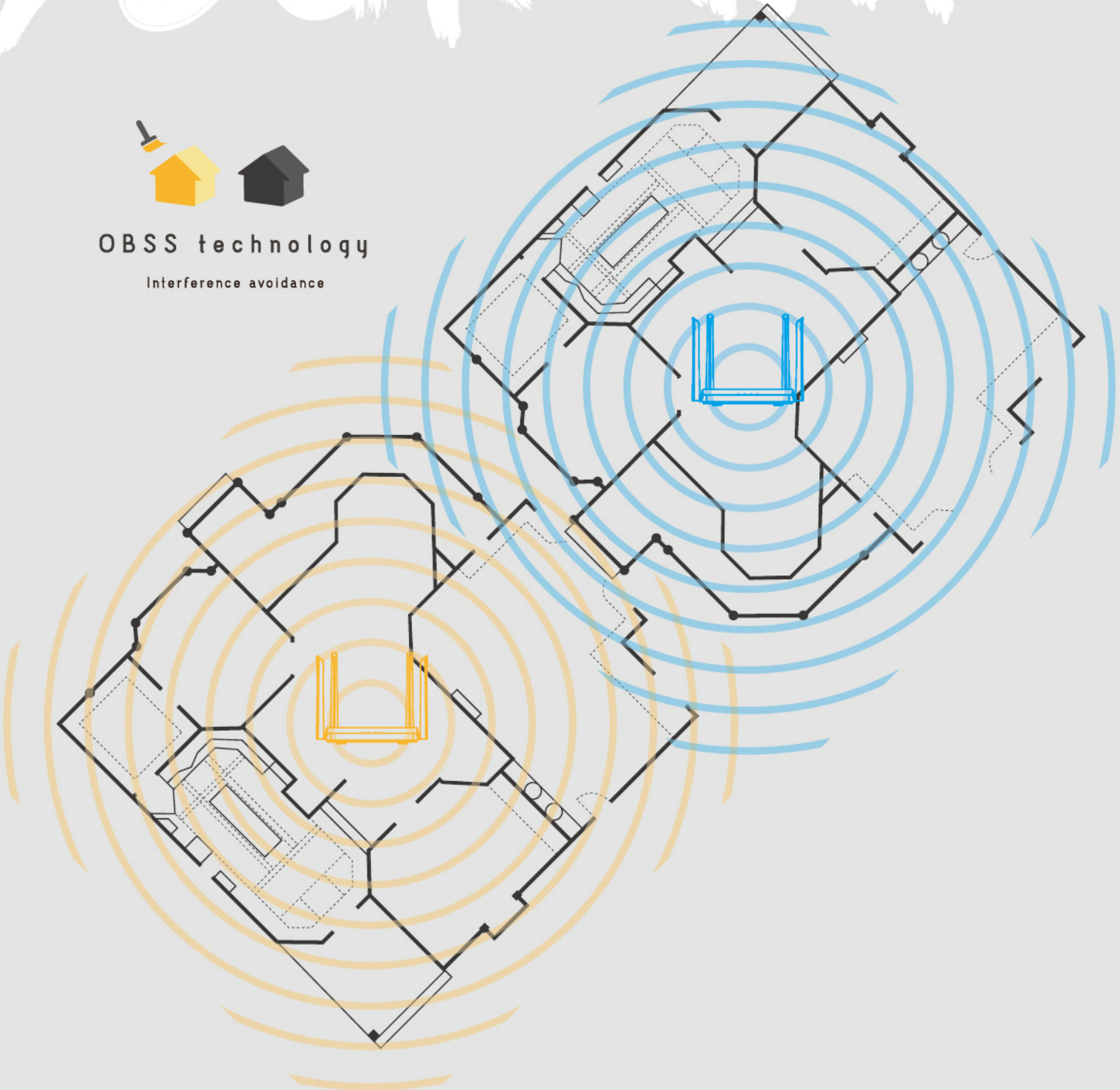
Wi-Fi

Wi-Fi

AirLive_mesh

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COLORING YOUR WIFI

OBSS technology

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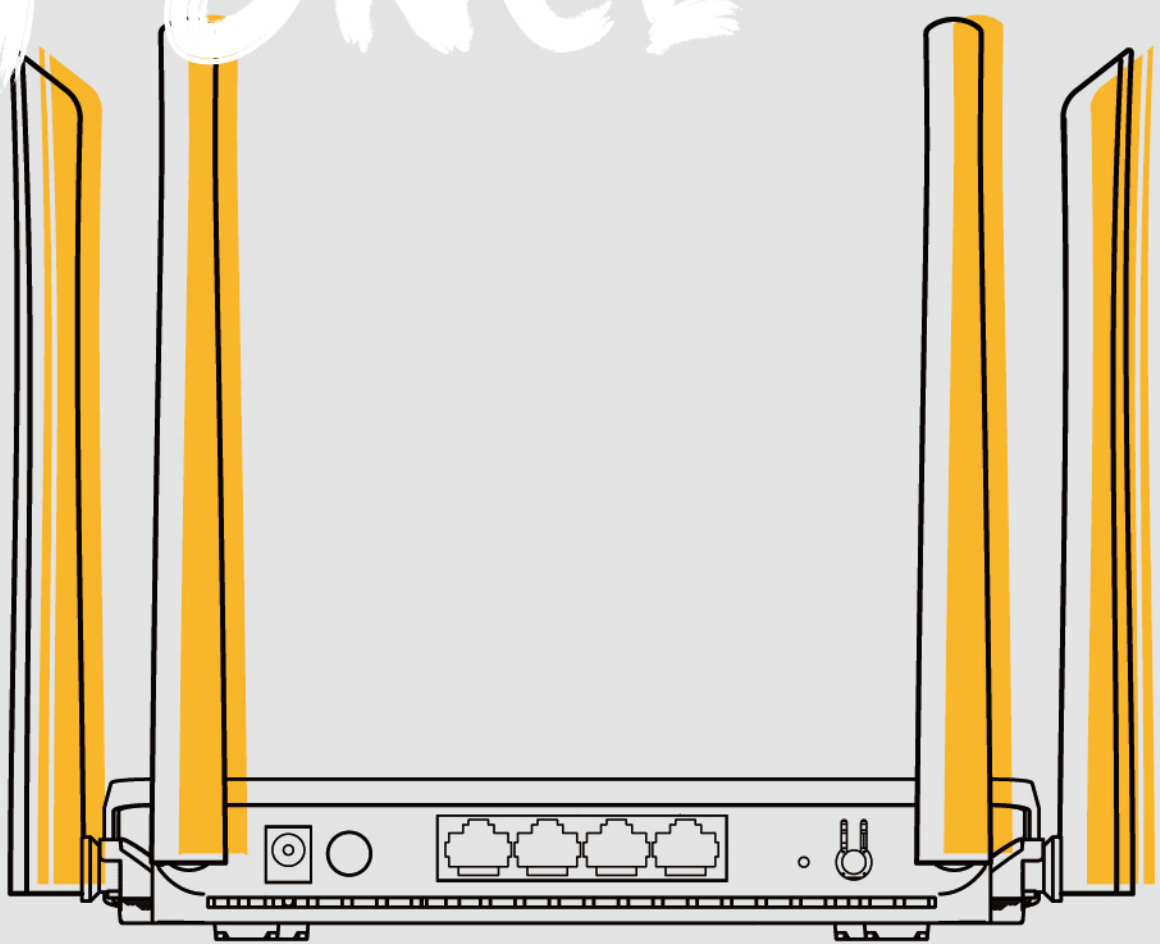
MULTIPLE DEVICES & DATA AT ONCE

MU-MIMO

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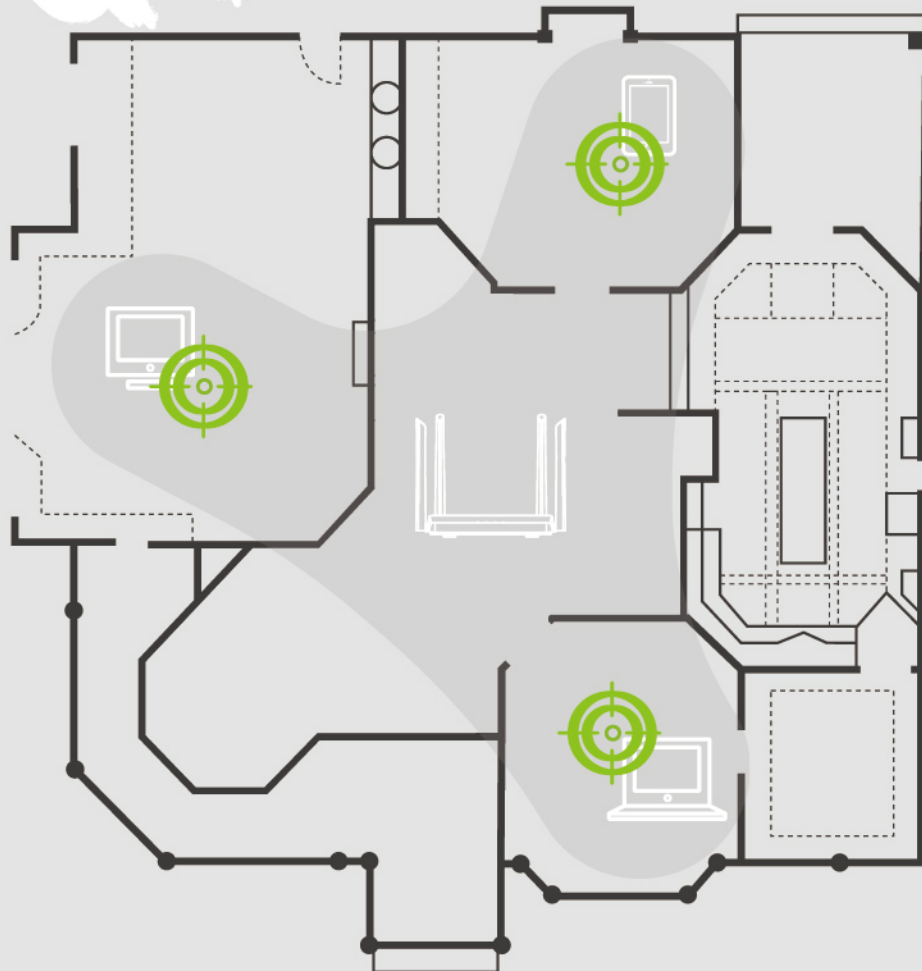
To break bandwidth limitation, Wi-Fi 6 has big improvement in encryption technology, OFDMA and 1024QAM. OFDMA (Orthogonal Frequency Division Multiple Access) Wi-Fi 6 technology that allows the router, W6 184QAX, to allocate the whole channel to a single user at a time or it may partition channels into smaller radio bands to serve multiple users simultaneously.   It is ideal for low bandwidth applications and results in better frequency reuse, reduce latency, and increase efficiency.

FOLLOW YOUR SIGNAL

Range Boost Technology

Provide continuous and stable signal

Different than traditional router which provides fixed wireless signal range. W6 184QAX features advanced Smart Easy MESH Roaming and Range Boost technology as well as four high-performance antennas. The router will detect and concentrate wireless signal strength towards connected wire- less devices that greatly improves your network coverage. For example, your mobile or Pad always connecting to wireless while you are roaming around your house.
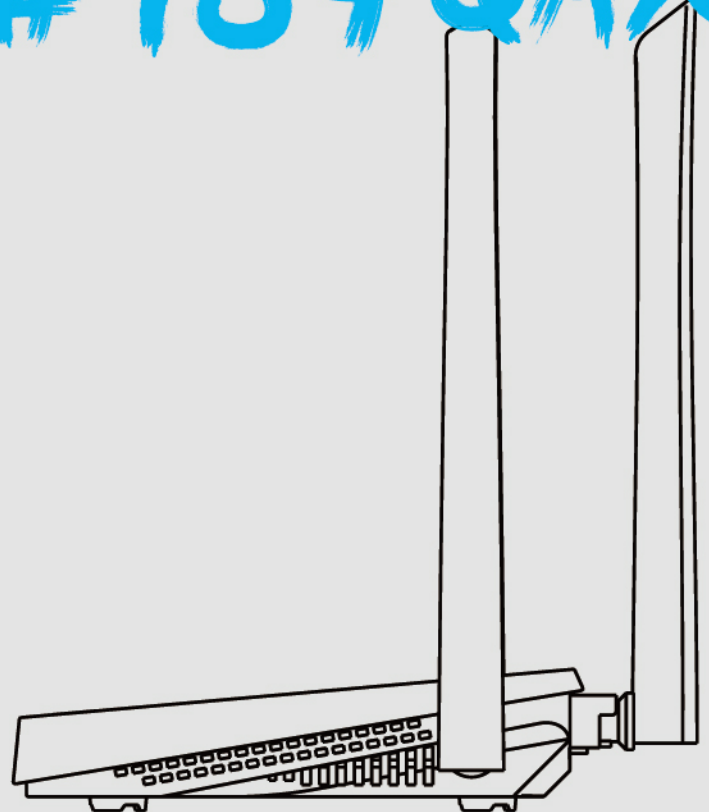
WHO can help?

WFH

#184QAX

VPN Server

secure connection for remote working

W6 184QAX brings much more benefits for you working from your home. It supports VPN technology, a virtual private network safe and encrypted connective over a less secure network such as Internet. You can establish your computers at home and office in same Intranet for a secure connection while working remotely.
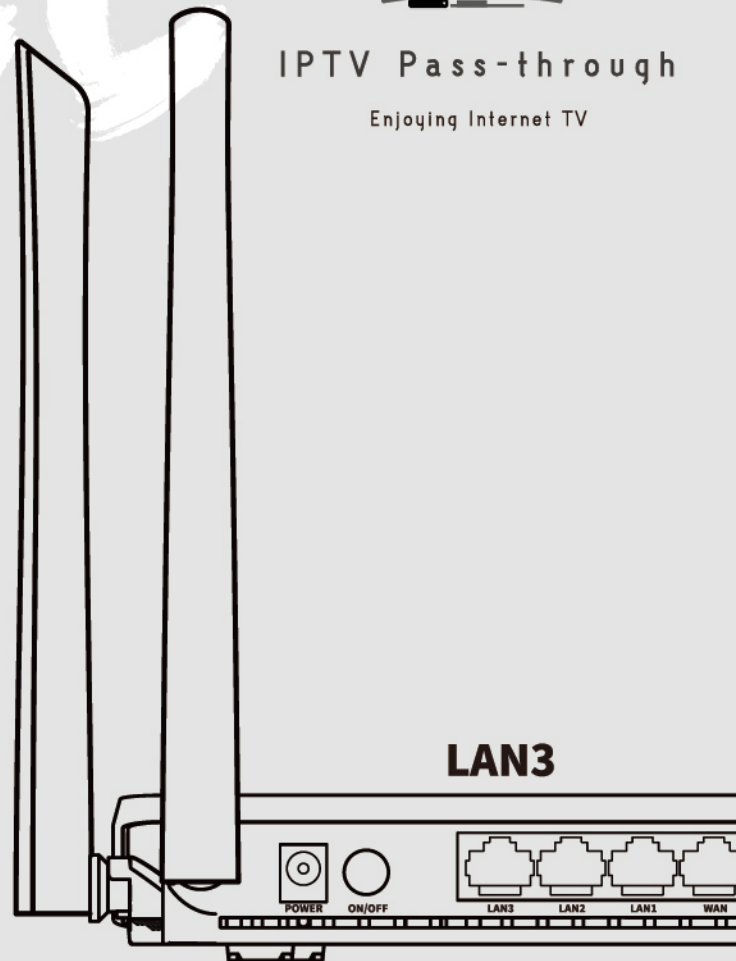
PLUG AND CHILL

IPTV

IPTV Pass-through

Enjoying Internet TV

LAN3

POWER ON/OFF LAN3 LAN2 LAN1 WAN

AirLive W6 184QAX supports IPTV Pass-through function. Lan Port 3 is default as IPTV port. Just connecting the port to IPTV box, plug and play, no nees to do setting, and then, enjoying TV program freely.

Open Router

OpenWrt Software Base

Build the router you need

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CREATE YOUR OWN ROUTER

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Using the OpenWrt SDK vendor, cross-platform solutions can be created that allow you to fine-tune the software to the application scenario. This allows perfect use the W6 184QAX PRO as a hotspot with accounting function or as a VPN router for remote. In addition, a use as a VOIP for call center or private cloud storage solution is possible.