

AX5400

Wi-Fi 6 Mesh Router

- 4G Sim Slot
- Smart Home Gateway
- Cyber Security
- Certified Android TV

Wi-Fi 6

androidtv

Faster Wi-Fi

Anytime, Anywhere

- Support 802.11 a/b/g/n/ac/ax

Latest wireless technology with backward compatibility.
- High-Speed Wi-Fi 6

AX5400, MU-MIMO, Mesh Capability.
- High-Performance Antennas

Wi-Fi antennas (internal), Multi-frequency coverage.
- Security Assurance

Stable firewall, Multiple filtering rules
Multiple security protocols,
Online update and maintenance.
- Wi-Fi Mesh

Provides increased Wi-Fi coverage and eliminates the dead zones with rapid one-button pairing.

Product Introduction

The Exigo Hub Q50 Home is a robust dual-band Mesh Wi-Fi system with the latest Qualcomm Wi-Fi 6 technology, faster than Wi-Fi 5(ac) technology. The product supports many connected devices providing a stable and uninterrupted internet connection.

Built-in Certified Android TV System allows customers to control all the functions and features from a comfort of a sofa.

Router Specification

- Chipset: IPQ5018 + QCA8337 + QCN9024
- Flash: 8MB SPI Flash + 128MB NAND
- SDRAM: 512MB DDR
- Antenna: 2T2R × 2.4G, 4T4R × 5G, (ipex high performance)
- Ethernet: IEEE 802.3/3u/3z/3az
- Bandwidth: Support 20MHZ, 40MHZ, 80MHZ, 160MHZ
- Band Steering: Automatic 2.4G/5G Wifi band steering

Wireless

- Supporting MU-MIMO beamforming techniques, Data rate up to 5400Mbps
- Compliant with IEEE 802.11a/b/g/n/ac/ax Automatic channel selection
- Wi-Fi Protected Access™ (WPA/WPA2/WPA3) Enterprise 3
- Wireless MAC address filtering
- Support Max 256 wireless clients
- Qualcomm SON Mesh

Smart Home Protocols

- Z-Wave
- Zigbee
- Wi-Fi

Other Router Features

- Upgrade the firmware from the web-based device manager/ OTA firmware upgrade support
- Dynamic Host Configuration Protocol (DHCP) Server
- Point-to-Point Protocol over Ethernet (PPPoE)
- Static routing

Android TV (OTT) Specification

- Chipset: S905X2
- CPU: Quad core ARM Cortex-A53, 18400DMIPS
- GPU: ARM Dvalin MP2, 850MHz
- SDRAM: 512MB DDR
- CAS: VMX, Widevine CAS,Nagra,NOCS3.2,Irdeto MSR3.2
- Flash eMMC: 16GB
- RAM LPDDR4: 2GB
- OS: Certified Android TV
- Ethernet: 1000M PHY
- Bluetooth: RTL8761
- Storage: (Micro SD Card, Support OpenVG 1.1, Supported all kind of storage ,recording, playing and connecting all kind of USB equipment.
- Video Decoder: 4K@75fps H.265,VP9 profile2 , AVS2 4k@30fps H.264
- Video Encoder: 1080p60 H.264 H.265
- PQ Engine: 8-th Gen Trulife image engine

Audio

Audio Decoder and Input/Output :
Supports MP3, AAC, WMA, RM, FLAC, Ogg and programmable with 7.1/5.1 down-mixing I2S audio interface supporting 2-channel input and 8-channel (7.1) output 8x DMIC

- Built-in stereo audio DAC
- Stereo digital microphone PDM input
- Supports concurrent dual audio stereo channel output with combination of analog +PCM or I2S+PCM

Video

Video/Picture Decoding

- VP9 Profile-2 up to 4Kx2K@75fps
- H.265 HEVC MP-10@L5.1 up to 4Kx2K@75fps
- H.264 AVC HP@L5.1 up to 4Kx2K@30fps
- H.264 MVC up to 1080P @60fps
- MPEG-4 ASP@L5 up to 1080P@60fps (ISO-14496)
- WMV/VC-1 SP/MP/AP up to 1080P@60fps
- AVS-P16(AVS+) /AVS-P2 JiZhun Profile up to 1080P@60fps
- MPEG-2 MP/HL up to 1080P@60fps (ISO-13818)
- MPEG-1 MP/HL up to 1080P@60fps (ISO-11172)
- RealVideo 8/9/10 up to 1080P@60fps
- WebM up to VGA
- Multiple language and multiple format sub-title video support
- MJPEG and JPEG unlimited pixel resolution decoding (ISO/IEC-10918)
- Supports JPEG thumbnail, scaling, rotation and transition effects
- Supports *.mkv, *.wmv, *.mpg, *.mpeg, *.dat, *.avi, *.mov, *.iso, *.mp4, *.rm and *.jpg file formats"

Other Android TV Features

- Supports all standard SD/HD/FHD video output formats: 480i/p, 576i/p, 720p, 1080i/p and 4Kx2K
- Support USB 2.0, USB 3.0 and MicroSD
- H.264 1080p@60fps encoder support
- Bluetooth Remote with voice control
- Built-in HDMI 2.1 transmitter including both controller and PHY with CEC, HDR and HDCP 2.2, 4Kx2K@75 max resolution output

Interface

- 1x WAN: 1000 Mbps RJ-45 With LED Indicator
- 2x LAN: 1000 Mbps RJ-45 With LED Indicator
- OTT Reset button: YES
- Router Reset button: YES
- Pair button: YES
- Power Switch: Control the ATV power ON/OFF
- DC Port: DC 2.0 Power Supply
- USB: 1x USB2.0 and 1x USB3.0
- 6 LED Indicators: ATV/Wi-Fi/Internet/Z-Wave/ZigBee/Mesh

Device images



Giftbox



Package Includes

- Exigo Hub Q50 Home
- Quick Start Guide
- Power Adapter
- Ethernet Cable
- HDMI Cable
- Remote Controller

Device Identification

Device name: Exigo Hub Q50 Home

SKU: RE-16-D4-QC-105

Part Number: R-Q50-1G-DB4-ZZ-MA-EM

Barcode: 0725765014573

Serial Number: 0101220074XXXXXX

User Manual

