exigo hub
M50 Mesh Tower

AX1800

Dual Band Wi-Fi 6 Mesh Tower

- Powerful 64bit 1.0GHz quad-core processor
- One-button EasyMESH
- Beamforming+
- 802.11ax Dual Band Wi-Fi

Wi Fi 6

Faster Wi-Fi
Anytime, Anywhere

Product Introduction

Exigo Hub M50 Mesh Tower is a high-performance router with powerful Wi-Fi, a 2.4 GHz rate of up to 574 Mbps, a 5GHz rate of up to 1201 Mbps, and a dual-frequency wireless concurrency rate of up to 1800 Mbps.

The product offers powerful smooth connectivity for gameplay, live streaming and online education.

High Data rate
1024-QAM modulation, MU-MI-MO, up to 1.8 Gbps wireless.

802.11(ax) Wi-Fi 6
Latest wireless technology.

Backward compatible
Compatible with the previous versions of 802.11 standard.

A High number of accesses
With the use of OFDMA technology, you can connect up to 248 devices at the same time.

Low Latency
Less than 10 ms with the use of OFDMA technology as compared to Wi-Fi 5.

Low Energy Consumption
30% reduction in signal search time

Hardware

Chip: MT7621AT+MT7905DAN+MT7975DN
FLASH: 128MB
RAM: DDR3 256MB

Wireless rate

- 2.4 GHz：574Mbps@2*2Wi-Fi 6
- 5GHz：1201Mbps@2*2Wi-Fi 6

Antennas

- 2*3 dBi Built-in dual-frequency antenna

Interface

- 3* GE WAN/LAN adaptive mouth

Buttons:

- 1* MESH
- 1* RESET

Indicators

- 1* Ring indicator (red & light blue)

Wi-Fi Standard

- IEEE 802.11b/g/n/ac/ax support

MIMO modalities

- MU-MIMO support

Working Modes

- Routing mode, AP mode

Working States

- System state, interface state, routing table

Wireless Configuration

- Wi-Fi Basic Parameter Configuration / Blacklist

Network Settings

- Working mode LAN/WAN address setting

System

- System properties/password modification/backup upgrade/restart

Setup Wizzard

- Quick Configuration Wizard

MTBF

- >20000 H

Power Consumption

- ≤12W

Resistance to electromagnetic interference

- Compliance with EMC Requirements and Measurement Methods of YD/T 968-2002《 Telecommunications Terminal Equipment》

Equipment Security

- Compliance with YD/T 965-1998《 Safety Requirements and Test Methods for Telecommunication Terminal Equipment 》

Protection Capability

- 《 telecommunication terminal equipment lightning protection technical requirements and experimental methods to simulate lightning shock》

Device images

Giftbox

Package Includes

- Exigo Hub M50 Mesh Tower
- Quick Start Guide
- Power Adapter
- Ethernet Cable

Device Identification

Device name: Exigo Hub M50 Mesh Tower
SKU: ME-NN-D2-MT-125
Part Number: M-M50-1G-DB2-EM
Barcode: 0754590921862
Serial Number: 0101220087XXXXXX

User Manual

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