

WIFI-6 DUAL-BAND EXTENDER

MODEL: GFD136M



OVERVIEW

The GoFiber WiFi-7 Dual-Band Extender delivers next-generation connectivity through WiFi 7 technology, providing ultra-fast internet and high-speed.

Offers ultra-fast speeds, improved network efficiency, and wide coverage with a dual-band configuration. The extender is designed to handle the demands of modern smart homes and offices, providing seamless connectivity for multiple devices.



Gigabit Speeds
2.5GB & 1GB



Lower latency with
minimal buffering



Dual - Band
WiFi - 7



Cutting Edge WiFi-7
Performance

Hardware

CPU	Dual-core A53 ARM 1.0GHz
Flash	NAND 256MB
RAM	DDR3 512MB
Buttons	• Reset • WPS
LEDs	• Red and green dual color lights • Orange : power on process • Green : network available • Green flashing: mesh pairing • Red : no network • Off: no power on

Housing

Dimensions*	75*130*178 (mm)(D*W*H)
Oper. Temp.	Operating: 0 ~ 45°C (32~113°F) Storage: -20 ~ 65°C (-4 ~149°F)
Oper. Relative Humidity	5% – 95%

Regulatory Compliance

EMC/EMI	CE
Safety	CB

Power

Power Input	12V DC nominal, 1.5 Amp
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Interface

- 1x 2.5Gbps ethernet WAN
- 2x 1Gbps ethernet LAN
- 1x USB 3.0

Wi-Fi specifications

Dual-band concurrent Wi-Fi™ 7 (802.11be)

- 2.4 GHz (2T2R)
- 5 GHz (3T3R)

Wi-Fi EasyMesh™ R4 on-boarding and roaming

Software Specifications

Management

WEB/TR069/TELNET/CLI

DHCP

Support DHCP Server
Support DHCP Relay

WLAN

Support Frame aggregation
Support Host sleep(AP mode)
Support Airtime Fairness(QoS)
Support WFA
WPA/WPA2/WPA3,WPS2.0,WAPI
Support 802.11w protected
managed frames
Support WFA WMM, WMM PS
Support WIFI Direct
Support Easy Mesh R4, R6 under
certification
Support Band steering

VLAN

Support VLAN tag mode
Support VLAN transparent mode
Support VLAN trunk mode
Support VLAN translation mode
Support VLAN QinQ mode

Multicast

QOS

Support IGMPv1/v2/v3
Support IGMP Proxy and MLD
Proxy
Support IGMP Snooping and MLD
Snooping

Security

Support 8 queues
Support SP and WRR
Support 802.1P
Support DSCP

Support Firewall
Support Mac filter
Support ACL
Support URL filter
DoS Attack Protection

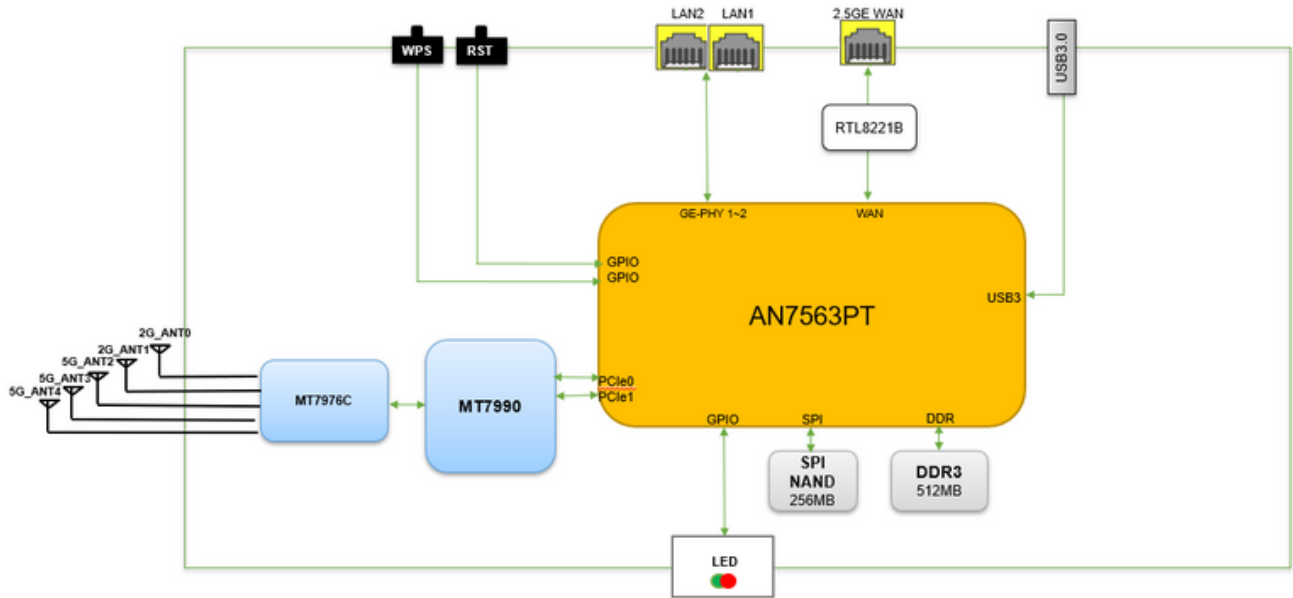
L3

Support IPv4、IPv6 and IPv4/IPv6
dual stack,DS-Lite
Support DHCP/PPPOE/Statics
Support Static route
Support NAT
Support Bridge, Route ,Route and
Bridge mixed mode
Support DMZ
Support DNS
Support ALG
Support UPnP

Other

Support image backup
Support Aesthetic and coordinated
UI style

Block Diagram



Power

Power Input | 12V DC nominal, 3.5 Amp