



Product Specification

AC1200 Wireless Dual Band Gigabit Router FW65M



OVERVIEW

Fibrack FW65M Equipped with Realtek 1GHz high performance SoC, the router FW65M becomes the most powerful 802.11AC Wi-Fi router, with full gigabit ports and perfect data transfer performance, can run stably in up to 1000M bandwidth accessing environment, Also offer you simultaneous dual band connection with 867Mbps wireless speeds over 5GHz band and 300Mbps over

KEY FEATURES

- Works seamlessly with all 802.11a/b/g/n/ac devices.
- Simultaneous 2.4GHz 300Mbps and 5GHz 867Mbps connections.
- Various WAN connection types in AP Router mode: DHCP, Static IP, PPPoE, L2TP, PPTP, Dual Access (Russia PPPoE/PPTP/L2TP).
- MU-MIMO, Beamforming technology.
- Multiple wireless modes: AP Router, AP, WISP, Client, Repeater

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- 4* 5dBi high gain antennas.
- Easy wireless security setup at a push of the WPS button.
- Intelligent bandwidth control to manage the bandwidth usage for each computer reasonably.
- Access Control, IP filtering, MAC Filtering, Domain Filtering, IPv6 Filtering based on time.
- Complete Gigabit ports ensuring high speed Ethernet connection.
- Support **EASY MESH** networking.
- Easy Setup: with built-in multilingual management page.
- TR069



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WIRELESS	
Standards	Wi-Fi 5 IEEE 802.11ac/n 5 GHz IEEE 802.11b/g/n 2.4 GHz
WiFi Speeds	AC1200 5 GHz: 867Mbps (802.11ac) 2.4 GHz: 300Mbps (802.11n)
WiFi Range	3 Bedroom Houses 4x Fixed High-Performance Antennas Multiple antennas form a signal-boosting array to cover more directions and large areas Beamforming Concentrates wireless signal strength towards clients to expand WiFi range High-Power FEM Improves transmission power to strengthen signal coverage
WiFi Capacity	Dual-Band Allocate devices to different bands for optimal performance OFDMA Simultaneously communicates with multiple Wi-Fi 5/4 clients Airtime Fairness Improves network efficiency by limiting excessive occupation 4 Streams Connect your devices to more bandwidth
Working Modes	AP Router Mode, AP Mode, WISP Mode, Client Mode, Repeater Mode
HARDWARE	
Processor	1GHz CPU
Main Chipset	RTL8197FH-VG5+8812FR+8367RB-VC
DDR/FLASH	128MB/8MB
Interface	1x Gigabit WAN Port+3x Gigabit LAN Ports
Buttons	WPS/MESH、RESET
Power	12V1A

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SOFTWARE	
WiFi Encryption	WEP, WPA-PSK, WPA2-PSK, WPA/WPA2-PSK
Network Security	Access Control, IP & MAC Binding
Guest Network	4*5GHz Guest Network /4*2.4GHz Guest Network
Protocols	IPv4, IPv6
WAN Types	DHCP, Static IP, PPPoE, L2TP, PPTP
Quality of Service	QoS by Device
Forwarding	Virtual Server, DMZ,UPnP
IPTV	Bridge, Tag VLAN
DHCP	Address Reservation, DHCP Client List, DHC Server
Access Control	IP Filtering, MAC Filtering, Domain Filtering, IPv6 Filtering
Dynamic DNS	DynDns, no-ip
IGMP	IGMP Proxy, IGMP Snooping
VPN	PPTP Pass-through,L2TP Pass-through,IPSEC Pass-through,SIP Pass-through
Others	Bandwidth Control, Multiple SSID, FOTA, TR069, WOL, ARP List, Static Routing, Port Setting, Remote Access, Backup & Restore
PHYSICAL	
Dimensions(W×D×H)	228*134*188mm
Package Contents	1*NC65 1* Power Adapter 1* RJ45 Ethernet Cable 1* Quick Installation Guide
OTHER	
System Requirements	Internet Explorer 11+, Firefox 12.0+, Chrome 20.0+, Safari 4.0+, or other JavaScript-enabled browser Cable Subscription with an internet service provider (for internet access)
Certifications	FCC, CE, RoHS, EAC, UkrSEPRO
Environment	Operating Temperature: 0°C~40°C (32°F ~104°F) Storage Temperature: -40°C~70°C (-40°F ~158°F) Operating Humidity: 10%~90% non-condensing Storage Humidity: 5%~90% non-condensing

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TEST DATA

WiFi Transmission Power	2.4H: 22DB 5G: 19.5DB
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Product Model	Product Description
FW65M	FIBRACK AC1200 High Wireless Mesh Dual Band Giga Router

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