



Product Specification

AX3000 Router Wireless Dual Band FWX30



OVERVIEW

FIBRACK FWX30 AX3000 wireless dual band router is 3-in-1 device that combines the functions of a high speed 4-port NAT router and wireless AX access point. It is designed to provide end-users with a one-stop solution to acquiring and sharing high-speed Internet access over a wired/wireless network. It is equipped with the next generation 802.11AX Wi-Fi technology, will offer you simultaneous dual band connection with 2402Mbps wireless speeds over the crystal clear 5GHz band and 574Mbps over the 2.4GHz band, Ideal for faster downloading, Online gaming, Internet calling and HD video streaming. All Gigabit port for WAN/LAN, compared with the FE port, transmission speed increased by 10 times.

KEY FEATURES

- Dual-Band Wi-Fi 6: Equipped with the latest wireless technology, Wi-Fi 6, for faster speeds, greater capacity, and reduced network congestion.
- Next-Gen 3000Mbps Speeds: Enjoy smooth streaming, downloading, and gaming all without buffering with Wi-Fi speeds of 3.0 Gbps.
- Connect More Devices: Wi-Fi 6 technology communicates more data to more devices using revolutionary OFDMA technology while simultaneously reduced latency.

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- Dual-Core Processing: The 1GHz Dual-core CPU (cortex A9) ensures communications between your router and all connected devices are s
- Extensive Coverage: Beamforming, and four antennas combine to deliver focused reception to devices far away, also support Easy mesh R2 stander,3x Unit can cover 500 m² entirely
- Easy Setup: Set up your router in minutes with the simply web-UI.
- Backward Compatible: Supports all previous 802.11 standards and all Wi-Fi device



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WIRELESS	
Standards	Wi-Fi 6 IEEE 802.11ax/ac/n/a 5 GHz IEEE 802.11 ax/n/g/b 2.4 GHz
WiFi Speeds	AX3000 5 GHz: 2402Mbps (802.11ax) 2.4 GHz: 574Mbps (802.1ax)
WiFi Range	3 Bedroom Houses 5×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 cover
WiFi Capacity	Dual-Band Allocate devices to different bands for optimal performance OFDMA Simultaneously communicates with multiple Wi-Fi 6 clients Airtime Fairness Improves network efficiency by limiting excessive occupation 4 Streams Connect your devices to more bandwidth
Working Modes	Router Mode, Access Point Mode
HARDWARE	
Processor	1GHz Dual-Core CPU
Main Chipset	ZX279128R+MT7916+MT7976D
DDR/FLASH	256MB/128MB
Interface	1x Gigabit WAN Port+3x Gigabit LAN Ports
Buttons	WPS/MESH、RESET
Power	12V1.5A

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SOFTWARE	
WiFi Encryption	WPA, WPA2, WPA3, WPA/WPA2-Enterprise (802.1x)
Network Security	SPI Firewall, Access Control, IP & MAC Binding, Application Layer Gateway
Guest Network	2×5 GHz Guest Network /2×2.4 GHz Guest Network
Protocols	IPv4, IPv6
Parental Controls	URL Filtering, Time Controls
WAN Types	Dynamic IP, Static IP, PPPoE, PPTP, L2TP
Quality of Service	QoS by Device
NAT Forwarding	Port Forwarding, Port Triggering, DMZ, UPnP
IPTV	IGMP Proxy, IGMP Snooping, Bridge, Tag VLAN
DHCP	Address Reservation, DHCP Client List, Server
Management	Web based Configuration (HTTP), Remote Management, Telnet Management, Tr069, Tr143, Tr181, Tr098, SNMP, Web Based Firmware Upgrade, CWMP, Diagnostic Tools.
DDNS	NO-IP, DynDNS
PHYSICAL	
Dimensions(W×D×H)	9.3×5.7×2.0 in(236.0×144.0×50.0 mm)
Package Contents	1*NX30 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	CE: <20dBm(2.4GHz) <23dBm(5.15GHz~5.25GHz) FCC: <30dBm (2.4GHz & 5.15GHz~5.825GHz)

	Product Description
FWX30	FIBRACK WIFI 6 AX 3000 High Wireless Mesh Dual Band Giga Router

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