



AX1800 Wireless Dual Band Router FW6



OVERVIEW

FIBRACK FW6 The AX1800 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 1200Mbps wireless speeds over the crystal clear 5GHz band and 573Mbps 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. With a USB2.0 port for USB storage/SMB/Printer (Optional) .

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 1800M bps Speeds: Enjoy smooth streaming, downloading, and gaming all without buffering with Wi-Fi speeds of 1.8 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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FIBRACK attests to the quality of these products. FIBRACK has made every effort to ensure that the information contained in this specification sheet is accurate. However, we accept no responsibility for any errors or omissions, and we reserve the right to modify design, characteristics and products at any time without obligation. Units of measurement in this document conform to SI standards and practices. For more information, please visit www.fibrack.com

- Dual-Core Processing: The 1GHz Dual-core CPU (Arm7) ensures communications between your router and all connected devices are smooth.
- 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.
- USB Easy Sharing (Optional) : A USB 2.0 Port enables easy file sharing within your network or building private Cloud Storage.
- 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 devices.
- Support EASY MESH networking.
- Support TR069, TR181, TR143.





Product Specification

SPECIFICATION

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	AX1800 5 GHz: 1201Mbps (802.11ax) 2.4 GHz: 574Mbps (802.1ax)
WiFi Range	3 Bedroom Houses 4* 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 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+MT7905+MT7975D
DDR/FLASH	256MB/128MB
Interface	1x Gigabit WAN Port+3x Gigabit LAN Ports
Buttons	WPS/Wi-Fi Button, Power On/Off Button, LED On/Off Button, Reset Button
Power	12V1.5A

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Product Specification

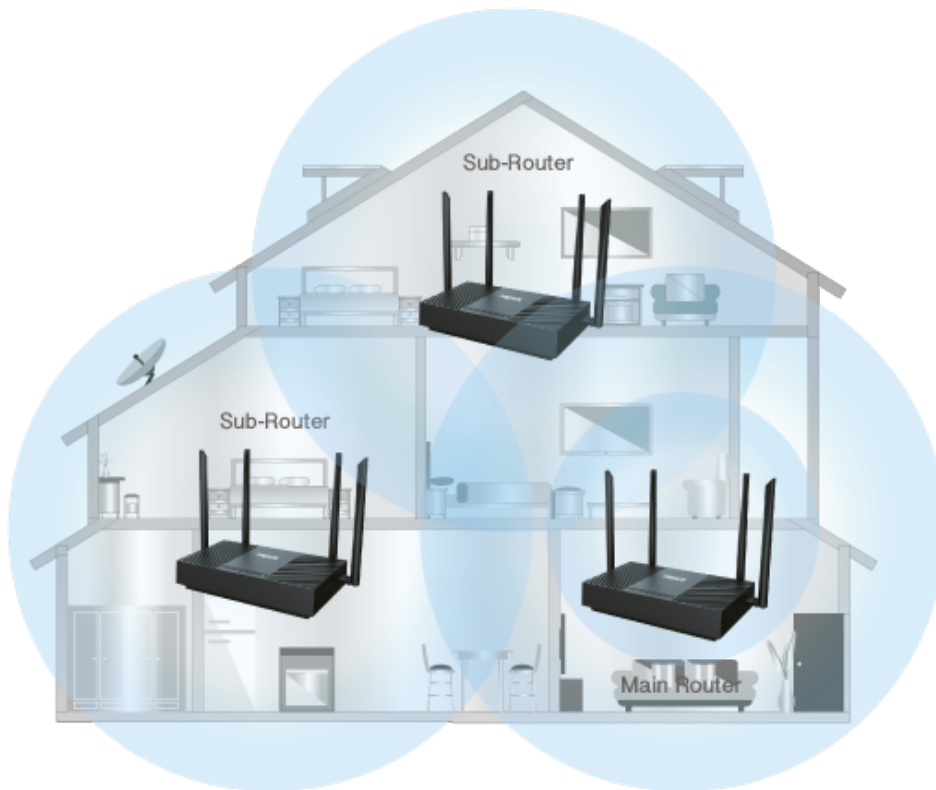
SOFTWARE	
WiFi Encryption	WPA, WPA2, WPA3, WPA/WPA2-Enterprise (802.1x)
Network Security	SPI Firewall, Access Control, IP & MAC Binding, Application Layer Gateway
Guest Network	2x5 GHz Guest Network /2x2.4 GHz Guest Network
Protocols	IPv4, IPv6
Parental Controls	URL Filtering, Time Controls
WAN Types	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
MESH	Support Easy Mesh
USB Port(optional)	USB storage/SMB/Printer
PHYSICAL	
Dimensions(WxDxH)	9.3x5.7x2.0 in(236.0x144.0x50.0 mm)
Package Contents	1*N6T 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)
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Product Model	Product Description
FW6	FIBRACK WIFI 6 AC1800 High Wireless Mesh Giga Router