BRAX FA130-A1
AX1500 Wireless Router

MegaTower

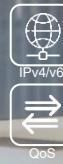IPv4/v6 · AX1500 · Gigabit · QoS · Firewall · TR069

Overview

FA130-A1 supports the newest IEEE 802.11ax standards. It implements the conversion between wired Ethernet data and wireless WiFi data. The MU-MIMO and beamforming function can ensure the high data rate and signal quality when several users are using simultaneously.

Besides the high-performance WLAN function, FA130-A1 also supplies firewall, QoS, maintenance, and management functions. It provides the stable services to home and enterprise users.

Hardware Specification

Platform	Realtek FLASH: 128MB RAM: 128MB
Air Interface	2.4GHz IEEE 802.11 b/g/n 2T2R 5GHz IEEE 802.11a/n/ac/ax 2T2R
Antennas	External 2.4GHz 2*2 External 5GHz 2*2 Gain: 5dBi
Performance	2.4GHz: 300Mbps (2ss 40MHz) 5GHz: 1200Mbps (2ss 80MHz)
Interface	1×GE WAN port 3×GE LAN port 1×DC power port
Button	1×Reset 1×WPS 1×Power
LED	Power, System, Internet, LAN, 2.4G, 5G, WPS
Power consumption	<12W
Physical specification	Dimension: 190*130*29mm
Environment	Work temperature: -10°C ~ +45°C Storage temperature: -40°C ~ +70°C Humidity: 5% ~ 95% Atmospheric pressure: 86kPa ~ 106kPa

Software Specification

Wireless LAN
- Support 802.11 a/b/g/n/ac/ax Standards
- 20/40/80 MHz bandwidth
- Channel adaption
- MSSID + Guest network
- WPS: PBC/PIN modes
- WPA/WPA2/WPA3 security

Network Protocols and Features
- Connection modes: PPPoE/DHCP/Static
- IPv4, IPv6, IPv4/IPv6
- DHCP v4/v6 server
- Static (v4/v6) routing, RIP
- NAT/ALG/DMZ/virtual server
- ARP/ICMP/DNS proxy
- NTP
- VLAN

Management
- WebUI local management
- TR069 remote management
- Online and local software upgrade
- Local diagnostic

Firewall
- Built-in firewall
- Defense of DoS, ARP attacks/Port scan
- MAC/Port filtering

Quality of Service Control
- 802.11e WMM
- Classification of service flow
- Port/VLAN/ IP rate limitation

Application Scenario

Internet — Optical Modem — Wi-Fi 6 — Phone / Laptop / Computer / Laptop