

# SR1021F

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## AX3000 Dual-Band Wi-Fi 6 Smart Router

Full Gigabit  
Full Connection  
Full Coverage



## Overview

SR1021F is an AX3000 dual-band Wi-Fi 6 smart router for home. It can meet the needs of wireless internet access, AV entertainment, and has the characteristics of full gigabit, full connection and full coverage.



## Features



### AX3000 Dual-Band Wi-Fi 6

Equipped with the latest wireless technology, Wi-Fi 6, you can enjoy smooth 4K streaming and downloading with super-fast Wi-Fi speeds of 2402Mbps on 5GHz and 573.5Mbps on 2.4GHz



### Support 160MHz bandwidth

5G band supports 2 x 2 160MHz bandwidth, which is double the traditional 80MHz bandwidth and double the theoretical speed



### Gigabit Connectivity

With one Gigabit WAN port and two Gigabit LAN ports, it can easily meet 1000Mbps broadband access



### Connect More Devices

Communicates with more devices using OFDMA while simultaneously reducing lag



### Seamless Whole-home Wi-Fi Coverage

Supports Wi-Fi EasyMesh and 802.11k/v/r protocol to form a Mesh network, eliminating weak signal areas and without interruption when moving around the home



### Supports Tripleplay

4K live broadcast, VR games, remote office, online education, the mesh network carries all services



### Supports IPv4 and IPv6 Dual Stack

IPv6 has larger address space to improve router forwarding efficiency and security



### Advanced Security with WPA3

Supports WPA3, more secure encryption in Wi-Fi password safety and enhanced protection against brute-force attacks combine to safeguard your home Wi-Fi



### Easy Network Setup and Management

You can easily set up and manage the router and Wi-Fi with multiple methods, WEB UI, TR069, Fiberhome APP, and Fiberhome Aquar cloud platform

## Hardware Interface

Type	Instruction
WAN	1*GE
LAN	2*GE
Power	Power Connection
Reset	Reset Button, Short Press: Reboot, Long Press: Restore to Defaults
WPS	WPS Button, Short Press: Start WPS Negotiation, Long Press: Start EasyMesh connection

## Main Parameter

Type	Instruction
CPU	Dual-Core, 1GHz
5G WLAN	IEEE 802.11a/n/ac/ax 2x2
2.4G WLAN	IEEE 802.11b/g/n/ax 2x2
Memory	Flash 128MB, DDR 256MB
Antenna	Internal, 3dBi*5
Transmit Power	2.4GHz: 21dBm, 5GHz: 20dBm
EIRP	2.4GHz: 27dBm, 5GHz: 28dBm

## Physical Parameter

Type	Instruction
Size	128.3mm(L)×81.8mm(W)×228.8mm(H)
Weight	320g
Adapter	Input: 100V~240V, 50Hz~60Hz Output: 12V DC, 1.0 A
Device Consumption	Standby 6W, Full Load 11W
Environment Temperature	Work Temperature: 0°C ~ 45°C; Storage Temperature: -20°C ~ 70°C
Environment Humidity	10%~ 95% Noncondensable

## Software Interface

Type	Instruction
Route	Support: Static Route; ARP; DNS; ICMP; PPPoE; DHCP
Internet Protocol	IPv4, IPv6
NAT	Support: NAT; NAPT(RFC2663, RFC3022); FTP、MSN and NetMeeting NAT Translation
ALG	Support: IPv4 ALG
VPN	Support: VPN Passthrough
DHCP Server	Support: Enable or Disable DHCP Server Function; DHCP Server Address Pool Can be Set; IP Address Status Display, Such as Host-name, MAC Address, IP Address and the Remaining Lease Time; Static IP Reserved
Firewall	Support: Setting the Firewall Level; Configuration of Firewall Rules ; IP Filtering; Support DMZ; Service Access Control; Port Direction; Anti-DOS Attack
LAN	Compatible with IEEE 802.3/802.3u/802.3uz Support MDI/MDIX Self-Test
WLAN	Support: Automatic Speed Regulation; Support Automatic Channel Selection and Manual Configuration; Adjustable Transmit Power; Configurable Access User Number; 802.11kvr and Band Steering; FiberHome Fi-Link Fast Configuration; Repeater Mode; Maximum Number of Wireless Access Users : 64(2.4GHz)+64(5GHz)
Security	Support: Open System and Shared Key; WPA-PSK、WPA2-PSK、WPA-PSK/WPA2-PSK Mix Mode; WPA3(5GHz);AES、TKIP Encryption; Access Control Based on MAC Address ; Access Control Based on IP Address and IP Address Ranges; URL Based Control, Access Control Provided in the Form of Black and White List; IP Layer Protocol Packet Filtering Capabilities
Time	Support: Manual Configuration and Automatic Synchronization; NTP Time Synchronization
Maintain	Support: Log Management; Export Logs and Configuration Files; Ping/Traceroute/DNS Diagnose
Statistic	Support: Link State Statistics; Sending and Receiving Packet Statistic; Run-Time Display
Management	Support: WEB Management; Local Upgrade、Optional; Remote Upgrade, Restore Default by Reset Button,WEB and Remote ACS; TR069,TR098, TR181