SR1041F

AX3000 Dual-Band Wi-Fi 6 Smart Router

Full Gigabit
Full Connection
Full Coverage

Overview

SR1041F 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 three 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	3*GE
Power	Power Connection
Reset	Reset Button, Short Press： Reboot, Long Press： Restore to Defaults
WPS	WPS Button, Long Press to Start WPS Negotiation Function

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 512MB
Antenna	External, 5dBi*5
Transmit Power	2.4GHz: 21dBm, 5GHz: 20dBm
EIRP	2.4GHz: 29dBm, 5GHz: 30dBm

Physical Parameter

Type	Instruction
Size	206mm(L)×120mm(W)×32mm(H)
Weight	307g
Adapter	Input： 100V～240V， 50Hz～60Hz Output: 12V DC, 1.0 A
Device Consumption	Standby 6W， Full Load 11W
Environment Temperature	Work Temperature： 0℃～45℃ Storage Temperature： -20℃～70℃
Environment Humidity	10%～95% Noncondensible

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 Hostname, MAC Address, IP Address and the Remaining Lease Time；Static IP Reserved
Firewall	Support: Setting the Firewall Level; Configuration of Firewall Rules; IP Filtering；DMZ；Service Access Control；Port Direction；Anti-DOS Attack
LAN	Compatible with IEEE 802.3/802.3u/802.3uz；MDI/MDIX Self-Test
WLAN	Support：Automatic Speed Regulation；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；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