

SR1041E

AX1500 Dual-Band Wi-Fi 6 Smart Router

Full Gigabit
Full Connection
Full Coverage



Overview

SR1041E is an AX1500 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



AX1500 Dual-Band Wi-Fi 6

Equipped with the latest wireless technology, Wi-Fi 6, SR1041E reaches even faster speeds up to 1.5Gbps (1201Mbps on 5GHz band and 300Mbps on 2.4GHz band)



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, Short Press: Start WPS Negotiation, Long Press: Start Easymesh Connection

Main Parameter

Type	Instruction
CPU	1600DMIPS, Single-Core, 1GHz
5G WLAN	IEEE 802.11a/n/ac/ax 2x2
2.4G WLAN	IEEE 802.11b/g/n 2x2
Memory	Flash 128MB, DDR 128MB
Antenna	External, 5dBi*4
Transmit Power	2.4GHz: 20dBm, 5GHz: 22dBm
EIRP	2.4GHz: 20dBm, 5GHz: 30dBm

Physical Parameter

Type	Instruction
Size	216mm(L)×113.5mm(W)×38mm(H)
Weight	260g(TBD)
Adapter	Input: 100V~240V, 50Hz~60Hz, Output: 12V DC, 1.0 A
Device Consumption	Standby 6W, Full Load 10.8W(TBD)
Environment Temperature	Work Temperature: -5℃~45℃; Storage Temperature:-20℃~70℃
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 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; Support MDI/M-DIX 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:32(2.4GHz)+ 32(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