

OPTI-ROUTER-114R-WiFi6

AX1500
Dual Band Gigabit
Wi-Fi 6 Mesh Router





OPTI-ROUTER-114R-WiFi6 Wi-Fi 6 Mesh Router

is a new generation SOHO high- performance wifi6 router. It adopts an Realtek chip, has 2.4g 2X2 and 5G 2X2 omnidirectional multi-band high-gain antennas.

The OPTI-ROUTER-114R-WiFi6 is a gigabit Wi-Fi6 router designed for home users looking for a performance experience. Mesh networking is supported, which can easily solve the problem of Wi-Fi coverage of oversized houses. concurrent speed up to 1500Mbps (5GHz: 1201Mbps, 2.4GHz: 300Mbps), at the same time equipped with 7dbi high-gain antenna, Wi-Fi through the wall stronger, longer transmission distance. OFDMA+MU- MIMO technology is adopted to meet the needs of more devices to access the Internet at the same time, which significantly improves the transmission efficiency and greatly reduces the delay.

Main Features



Dual-band WiFi



IPv6



WAN/LAN adaptive



Terminal Management



Mesh



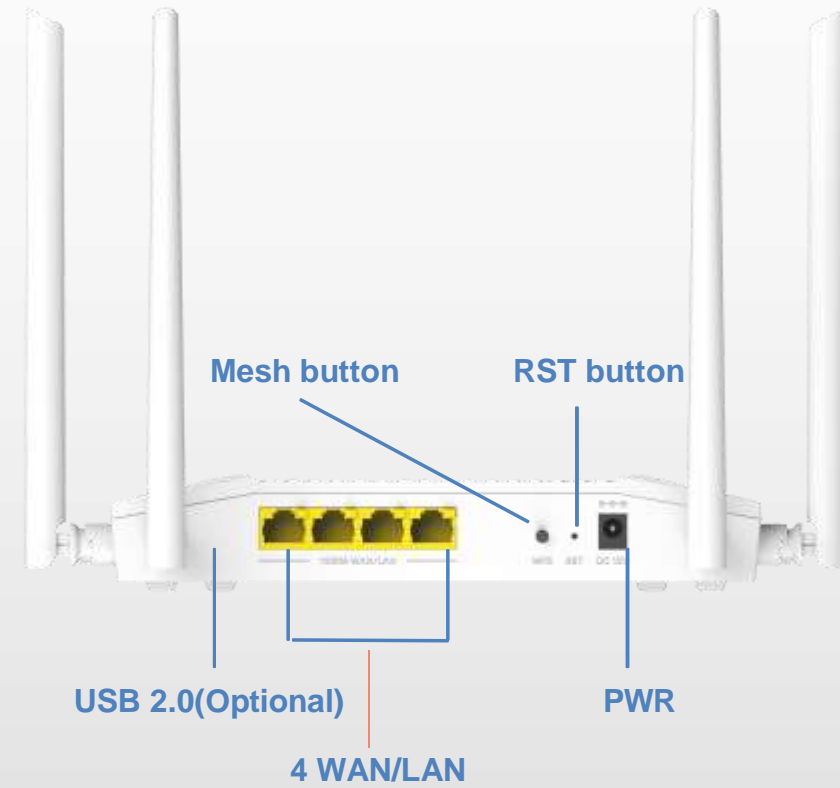
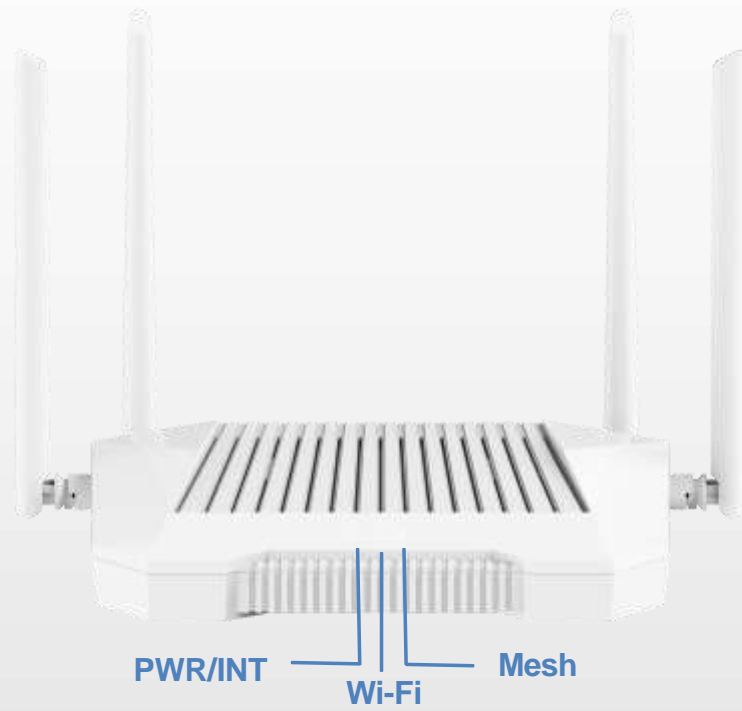
Port Forwarding



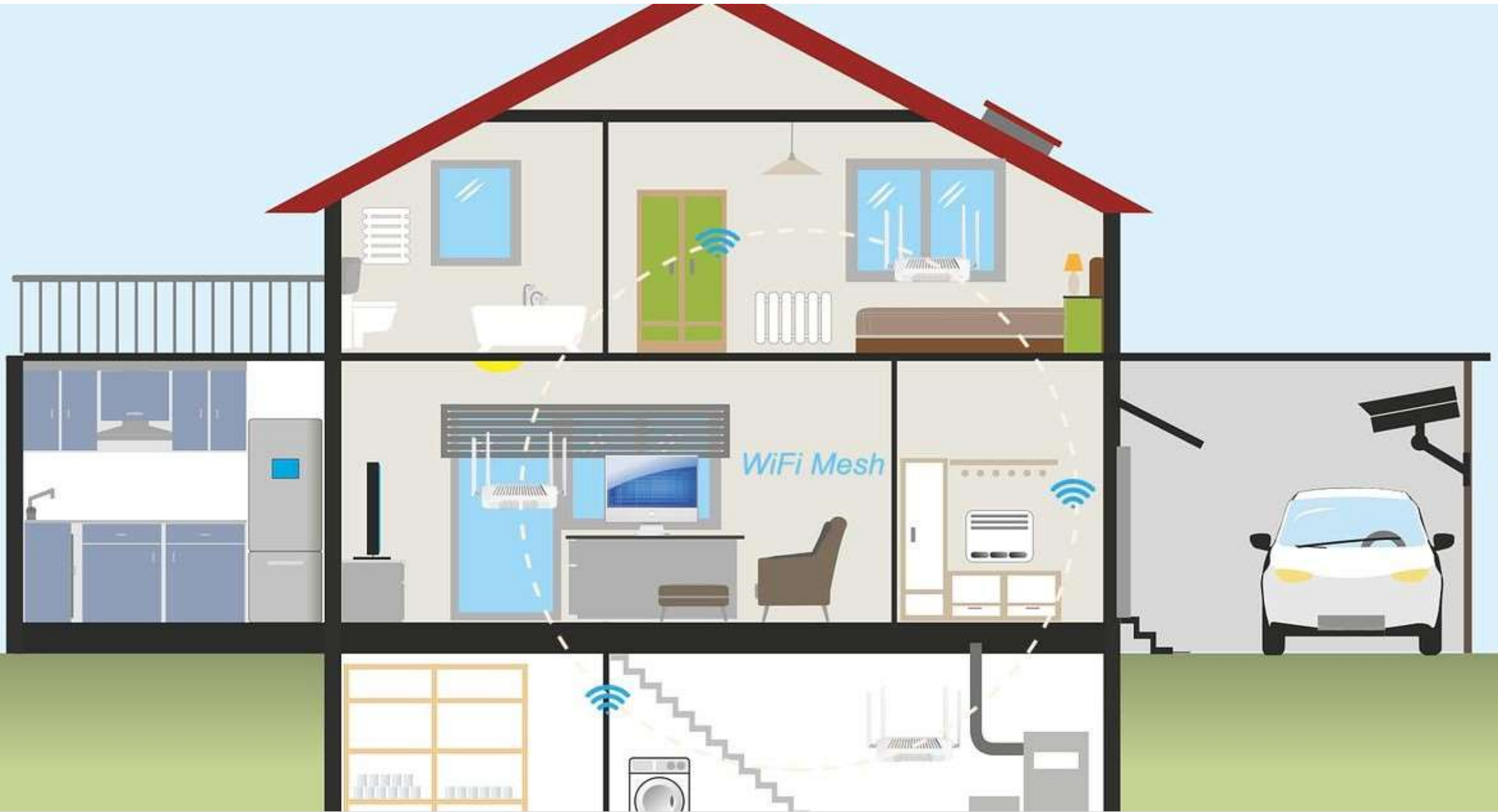
WEB UI 3.0



guest Wi-Fi



Application scenario



Hardware Features

Name	AX1500 Wireless Router	
Model	OPTI-	
Chip	RTL8197H+RTL8832BR	
Memory /Storage	1Gb/1Gb	
Wi-Fi Antennas	2×2.4GHz 2×5GHz External 7dBi Gain	
Protocol	IEEE 802.11a/b/g/n/ac/ax	
Wi-Fi Speed	2.4G Wi-Fi (Speed 300Mbps) 5G Wi-Fi (Speed 1201Mbps)	
LED	Power/INT	Green: Successfully connected to the network Blinking: Power is normal but the network connection fails Off: Power off
	Wi-Fi	Green: Wi-Fi up Off: Wi-Fi down
	Mesh	Green: Successful Mesh networking Blinking: Building a Mesh network Off: The Mesh network is not formed

Interface	WAN/LAN	4 RJ45 port ,10/100/1000Mbps
	Mesh/WPS	Button
	Reset	Button
Transmit Power	USB 2.0	Optional
	2.4G	23dBm
	5G	21dBm
Power Supply DC12V/1A Adapter		
Power Consumption <12W		
Dimension		
Operating Temperature -10 ~ 50℃		
Storage Temperature -30 ~ 70℃		

Software Features



IP Protocols	IPv4/IPv6	Guest Wi-Fi	2.4G/5G Guest SSID
Wi-Fi6 Tech	Long OFDM Symbol OFDMA DL/UL MU-MIMO TWT BSS Coloring WPA3	Management	WEB
WAN Mode	Dynamic IP Static IP PPPoE	Network Setting	Local Area Network (LAN) Setting Wide Area Network (WAN) Port Setting
Security	Firewall Port Mapping DMZ ALG Terminal Management Parental Control	Mesh	EasyMesh
System Service	Network Time Software Upgrade Backup and Restore System Logs		

Ordering Information



Product Model	Product Description
OPTI-ROUTER-114R-WiFi6	4*10/100/1000Base-Tx Ethernet WAN/LAN port, external 4*7dBi antennas, support 2.4G/5G dual frequency, support 802.11 a/b/g/n/ac/ax protocol, wireless transmission rate 1500Mbps, 12VDC power supply.