Wireless Router

PRODUCT SPECIFICATION

Model: HL-630AX



WiFi6 Wireless Router

AX3000 | Ethernet Ports



Product Performance

01



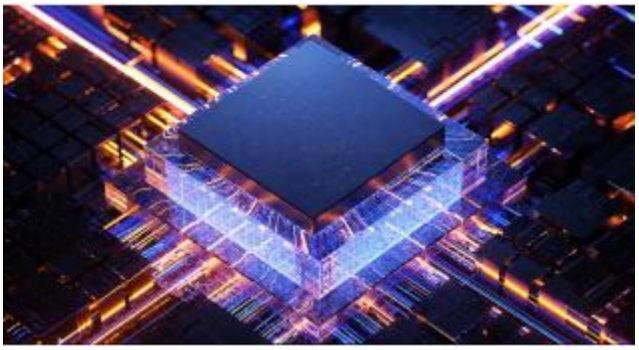
Product Overview

HL-630AX is a Wi Fi 6 smart router supporting a maximum wireless speed of 2978Mbps. It comes with abundant Ethernet ports and delivers great performance featuring wide bandwidth, low latency and high transmission efficiency. With broad signal coverage, it can provide stable whole-home WiFi signals for houses and complex indoor environments.

Black appearance tech aesthetic	**High gain** Four antennas	**Heat dissipation** scientific design
Gigabit RJ45 port	**ABS** Good resistance	**indicator light** work status

Product Description

02



AX3000 dual band concurrent

Flagship level WiFi 6 speed, with 5GHz up to 2402Mbps and 2.4GHz up to 576Mbps, reaching a combined total rate of 2978Mbps, delivering lag-free performance for HD streaming, gaming and large file transfers.



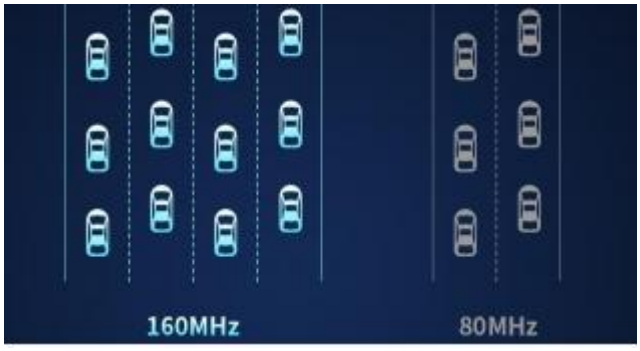
Abundant Gigabit Ethernet Ports

Equipped with 1 WAN port and 3 full gigabit LAN ports for flexible wired access. It delivers stable high-speed wired transmission and satisfies all kinds of home wired connection demands.



IPv4/IPv6 dual protocol stack

Supports IPv4/IPv6 dual protocol stack, natively adapts to the new generation of networks, meets the needs of the Internet of Things, and reserves sufficient space for future network upgrades.



160MHz Ultra-Wide bandwidth

Supports 160MHz ultra-wide bandwidth, delivering up to 2×higher throughput than 80MHz bandwidth. It improves transmission speed, ensures stable performance with multiple devices, and reduces network latency.

Product Features

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RTL8198D-VG1-CG
+RTL8192XBR+RTL8832CR-VD
High-Performance Chip

New-Generation WiFi 6
IEEE802.11a/b/g/n/ac/ax

2.4GHz&5.8GHz
Balances speed and stability

2978Mbps
Wireless transmission rate

new technology
OFDMA、MU-MIMO、TWT etc.

Four antennas
More extensive coverage

Application Scenarios









Hardware Features

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Standard	RTL8198D-VG1-CG+RTL8192XBR+RTL8832CR-VD
DDR/FLASH	DDR:128MB ; FLASH:16MB
Frequency	Maximum transmission power: 23dBm; Minimum receiving sensitivity: -96dBm Operating frequency: IEEE 802.11b/g/n: 2.412 GHz ~ 2.472 GHz; IEEE 802.11a/n/ac/ax: 5.180 GHz ~ 5.825 GHz
Interface	1 * 10/100/1000Mbps RJ45 WAN Ethernet port; 3 * 10/100/1000Mbps RJ45 LAN Ethernet ports; 1 * RESET button; 1 * DC power interface
Rate	2.4GHz : 576Mbps ; 5.8GHz : 2402Mbps
Antenna	4*5dBi
Power	12V / 1A
Maximum power	12W
MTBF	>250000H
Installation	Desktop/wall mounted
Security protection	WPA/WPA2/WPA3
Size	IP31 Plastic shell; Dimensions: 181mm (length) * 273.6mm (width) * 207.8 (height) manual measurement may have errors, for reference only
Indicator light	Tri-color Indicator Light
Usage environment	Working temperature:-10℃~55℃ Storage temperature: -40 ℃~70 ℃ Operating humidity: 10% ~ 90% RH Non condensing Storage humidity: 5% ~ 90% RH Non condensing

Software Features

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WAN Type	PPPOE/Static/DHCP
Network Settings	WiFi Settings (SSID/Frequency/Channel/Bandwidth/Power/Country Code/Encryption Method/Password/SSID Hiding/WLAN User Management/Wireless Schedule); WAN Settings; IPv6 Settings
System Settings	System Upgrade; Configuration Management; Factory Reset; Password Modification; LAN Settings; Log Center; Time Settings
Advanced Settings	IP Filtering; MAC Filtering; URL Filtering; Port Filtering; Port Mapping; DMZ Settings; DDoS Protection Settings; Arp Binding; VLAN Settings; Attack Protection; Remote Management Settings; UPnP Settings; VPN (PPTP/L2TP)
Language	Chinese/English

Appearance Details

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Lights & Interface



Dimensions

