

H3C Magic NX30 Gigabit Dual Band Wi-Fi 6 Wireless Router

Overview

H3C Magic NX30 Gigabit Dual Band Wi-Fi 6 Router is a new product designed by New H3C Intelligence Terminal Co., Ltd. for users requiring high-quality networks. NX30 uses the latest wireless protocol technology of Wi-Fi 6 (802.11ax). The wireless rate of the integrated machine is 2,976 Mbps, with the wireless rate of 2.4 GHz frequency band increased to 574 Mbps and that of 5 GHz frequency band increased to 2,402 Mbps. It uses four external high gain antennas and supports EasyMesh. With larger, flexible network coverage, it meets a variety of household needs. NX30 uses the enterprise-level Qualcomm chip, and comes equipped with a dual-core 1.0 GHz CPU and a standalone network acceleration engine NPU. It has a memory of 256 MB DDR and supports access of up to 256 terminals, making your network more stable. Empowered by its unique CSA and SCS technologies as well as 2 MHz narrow bandwidth technology, it enhances the anti-interference capability of wireless networks. Functions such as wireless IDS, anti-Wi-Fi squatting, and the latest WPA3 encryption make your network more secure. The new H3C Wi-Fi 6 Router has better shape and better performance.



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Product Features

Qualcomm Chip Running Steadily

It is equipped with the Qualcomm dual-core 1.0 GHz CPU and the professional chip of the standalone network acceleration engine NPU. Concurrent processing of 12 network channels enables the network to remain stable when it concurrently processes multiple applications (multiple gaming, family gathering, video games, and other complex environments with multiple devices).

3000Mbps Wireless Rate

The concurrent rate of the integrated machine is up to 3,000 Mbps. The wireless rate in 5 GHz is twice that of the router AX1800, delivering better user experience.

160 MHz, Higher Bandwidth

It supports 160 MHz bandwidth in 5 GHz, with the channel speed nearly doubled. It is compatible with 20M40M80MHz bandwidth access.

Efficient Transmission of OFDMA

The core Wi-Fi 6 technology supports sending upstream and downstream data to a maximum of 8 terminals by one transmission, reducing network latency by 36%.

Smart App Control

Parents can easily perform Internet access settings.

Free from Inter-Neighbor Wi-Fi Interference

The BSS Coloring technology enables each terminal to find its own organization, reducing inter-neighbor Wi-Fi interference.

Anti-Wi-Fi Squatting/Anti-Attack

IDS prevents external attacks and strangers from cracking into the software network.

Tough Testing Standards

H3C works with international authoritative test instrument manufacturers such as Octoscope, Spirent, and Ixia to simulate a variety of real household scenarios and limits, ensuring that the router runs steadily under different conditions.

Product Specifications

Item	Description
Hardware	
Fixed port	Four 10/100/1000Base-T Ethernet ports

	Independent reset key, function keys (Mesh, wireless optimization)
Wireless	4 external 5dBi high gain omnidirectional antennas
CPU	Dual-core 1.0 GHz
Memory	256 MB
Indicator	Front LED: system status indicator
Dimensions (W×D×H)	210mm x222mm x 64mm
Power supply	12V=1A
Cooling method	Natural cooling
Certification	CE WEEE RoHS
Wireless	
Wireless protocol	2.4 GHz: 802.11ax/n/g/b 5 GHz: 802.11ax/ac/n/a
Spatial flow	2.4 GHz 2x2 MIMO 5 GHz 2x2 MIMO
Wireless bandwidth	2.4G HT20/HT40 5G HT20/HT40/HT80/HT160
Wireless rate	Dual-frequency concurrency 2,976 Mbps 2.4 GHz: 574 Mbps & 5 GHz: 2,402 Mbps
Wireless roaming	Support of IEEE 802.11k/v
MU-MIMO	Upstream and downstream MU-MIMO
Software	
Internet connection	Routing mode: DHCP/PPPoE/Static IP Bridge mode: wired relay/wireless relay
EasyMesh	Support
IPv6	Support
Security features	WPA3 encryption Anti-Wi-Fi squatting/anti-attack Firewall, DMZ, DoS attacks
Network management	Guest Wi-Fi, access allow list/deny list, parental controls based on multiple periods, IP-based traffic control, Wi-Fi timing switch
Features	Qos traffic shaping, broadband password retrieval, packet fast-forwarding engine, virtual server, DDNS(NoIP, DynDNS), VPN(PPTP Client,L2TP Client)
Management method	Support for H3C Magic APP (iOS, Android), Web
Fault diagnosis	Link detection Internet diagnosis
Operating environment	
Operating temperature	0°C–40°C
Storage humidity	10%–90%, RH non-condensing
Package	

Packing list	Integrated machine Installation quick start Power Adapter Networking cable: Cat 5e cable
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