# H3C

## 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

Network management       traffic control, Wi-Fi timing switch         Features       Qos traffic shaping, broadband password DDNS(NoIP, DynDNS), VPN(PPTP Client         Management method       Support for H3C Magic APP (iOS, Andro         Fault diagnosis       Link detection         Internet diagnosis       Internet diagnosis	Mesh, wireless optimization)	
Memory256 MBIndicatorFront LED: system status indicatorDimensions (W×D×H)210mm x222mm x 64mmPower supply12V-1ACooling methodNatural coolingCertificationCEWirelessWirelessWireless protocol2.4 GHz: 802.11ax/n/g/bSpatial flow2.4 GHz: 802.11ax/ac/n/aSpatial flow2.4 GHz: 2x2 MIMOVireless bandwidth2.4 GHz: 2x2 MIMOSoftwareDual-frequency concurrency 2.976 Mb2.4 GHz: 574 Mbps & 5 GHz: 2.402 MbWireless rateSupport of IEEE 802.11k/vWireless rateSupport of IEEE 802.11k/vMU-MIMOUpstream and downstream MU-MIMOSoftwareSupportInternet connectionRouting mode: DHCP/PPPoE/Static IPBridge mode: wired relay/wireless relatesSupportIPv6SupportSecurity featuresGuest Wi-Fi squatting/anti-attack Firewall, DMZ, DoS attacksNetwork managementGuest Wi-Fi saping, broadband passwo DDNS(NoIP, DynDNS), VPN(PPTP Cleant Management methodFault diagnosisLink detection Internet diagnosis	nal antennas	
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Features     DDNS(NoIP, DynDNS), VPN(PPTP Client       Management method     Support for H3C Magic APP (iOS, Andro       Fault diagnosis     Link detection       Internet diagnosis     Internet diagnosis	, parental controls based on multiple periods, IP-based	
Fault diagnosis Link detection Internet diagnosis	ord retrieval, packet fast-forwarding engine, virtual server, t,L2TP Client)	
Fault diagnosis Internet diagnosis	oid), Web	
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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