

# HUAWEI WiFi Mesh 3+

Dual-Band Wi-Fi 6 AX3000\* | Whole-Home Wi-Fi Coverage  
Connects over 250 Devices



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Product Information	Value
Brand	HUAWEI
Marketing name	HUAWEI WiFi Mesh 3+
Launch time	2025
Internal model	NVWA-AX30-21
External model	WS8100 V2
<b>Appearance</b>	
Body dimensions	110 mm (Length) x 60 mm (Width) x 150 mm (Height)
Body weight	About 260g (excluding the power adapter)
Storage temperature	-40°C ~ +70°C
Operating temperature	0°C ~ 40°C
Appearance color	White
Manufacturer	Huawei Device Co., Ltd.
<b>Power and Charging</b>	
Rated input	AC (input): 100V-240V 50Hz/60Hz
Maximum output power rating	DC (output): 12V/1A
<b>Storage</b>	
Operation memory (RAM)	RAM: 128MB ROM: 128MB
<b>Others</b>	
Antenna	Two Internal antennas
Indicator	Two colors (red, blue)
system	Support Online update
<b>Connection</b>	
WLAN protocol	IEEE 802.11ax/ac/n/a 2*2, MU-MIMO ; IEEE 802.11ax/n/g/b 2*2, MU-MIMO
Number of Wi-Fi channels	2.4G(2401-2483): 1,2,3,4,5,6,7,8,9,10,11,12,13; 5G: -- 5G-W52(5170-5250) : 36,40,44,48 -- 5G-W53(5250-5330): 52,56,60,64 -- 5G-W56(5490-5730): 100,104,108,112,116,132,136,140;
Max. Wi-Fi Connections	2.4Ghz and 5Ghz:Up to 128
WLAN frequency band	2.4GHz, 5GHz
Wi-Fi data rates	2.4GHz: 574Mbps(theoretical value) 5GHz: 2402Mbps(theoretical value)
Wi-Fi standards	WiFi6

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MU-MIMO	2x2 MU-MIMO
Wi-Fi mode	penetration, standard, sleep
<b>Security</b>	
HUAWEI HomeSec®	HUAWEI HomeSec® security protection: Supports Wi-Fi brute-force attack prevention, smart device vault, and camera security protection.
Parental Control	Support duration restrictions, interception of malicious websites to protect children's healthy internet access
Wi-Fi Security	WPA2-PSK, WPA/WPA2-PSK, WPA2-PSK/WPA3-SAE, and blocklist/trustlist)
<b>Packing accessories</b>	
Packing List	Power adapter: 1 ; User manual: 1; Router: 1; Network cable: 1
Packing dimensions	150 mm (H) x 60 mm (W) x 110 mm (D)