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01 Wireless Networking

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WiFi 7

BE14000 Tri-Band Wi-Fi 7 Router

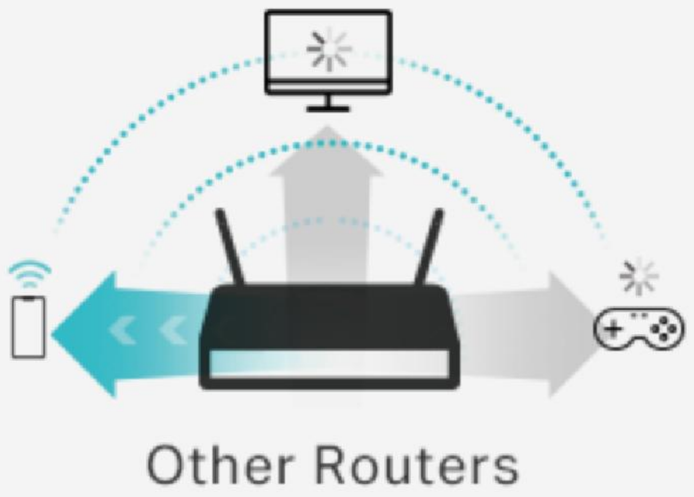
Enjoy Next-Gen Wi-Fi Performance

TITAN R4

3x3 MU-MIMO Power

Delivers stronger coverage, lower interference and smoother multi-device connections on both 5GHz and 6GHz bands







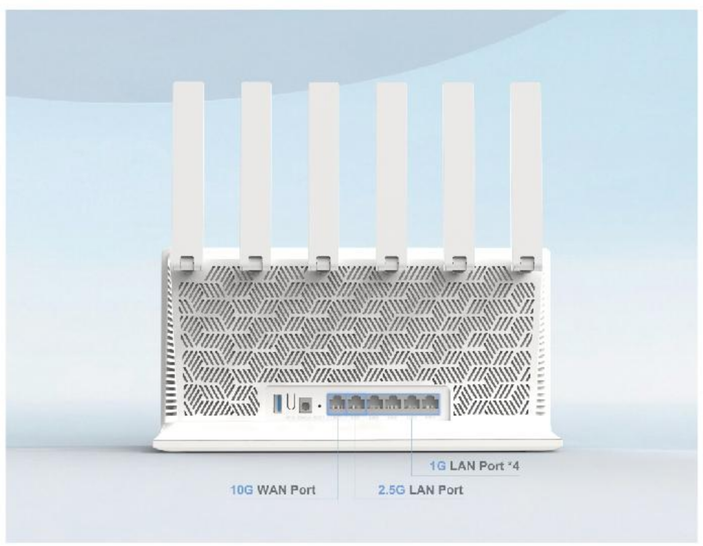
AI QoE - Smart Experience

Intelligently allocates bandwidth, always ensuring smooth experience for most important applications



Safe Protection

Continuously updated cloud database, filters inappropriate content, providing children with a pure network



Future-Ready Networking

10G Ethernet port + Wi-Fi 7 BE14000: Meets your home network upgrade needs for the next 5 years

WAVLINK

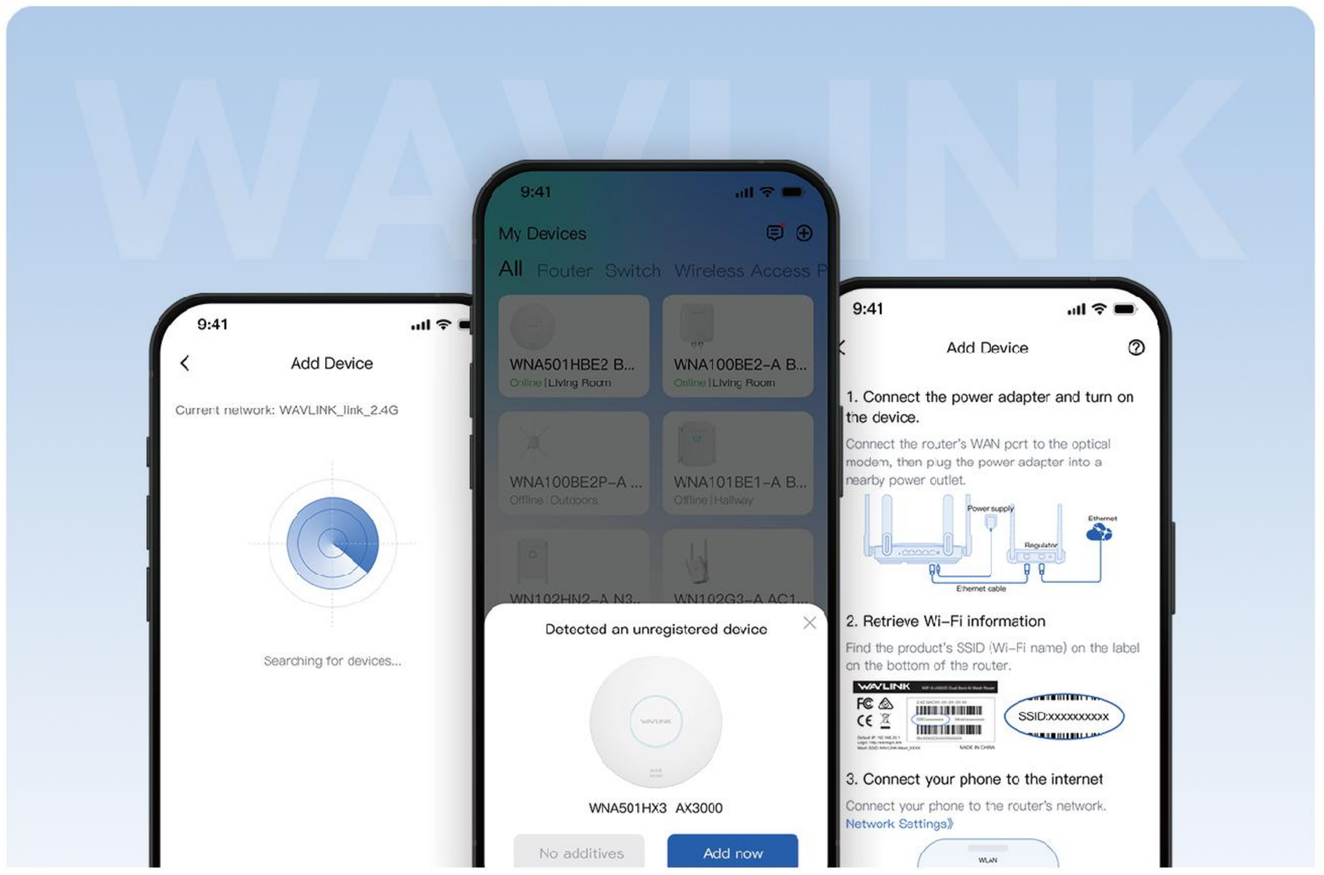
see the world

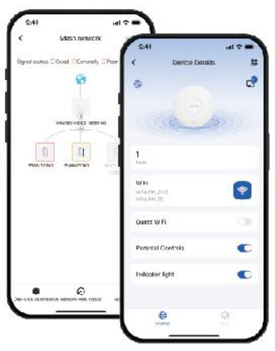
WavRouter APP

Control Home Network at Your Fingertips

Download on the App Store

GET IT ON Google Play



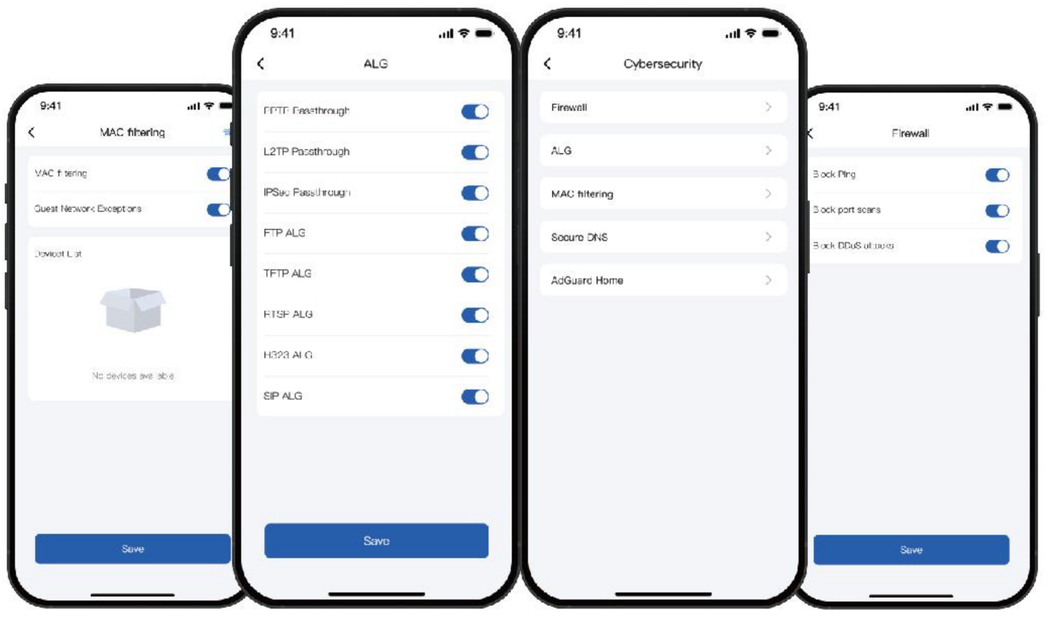


Easy Setup

Simpie, straightforward configuration

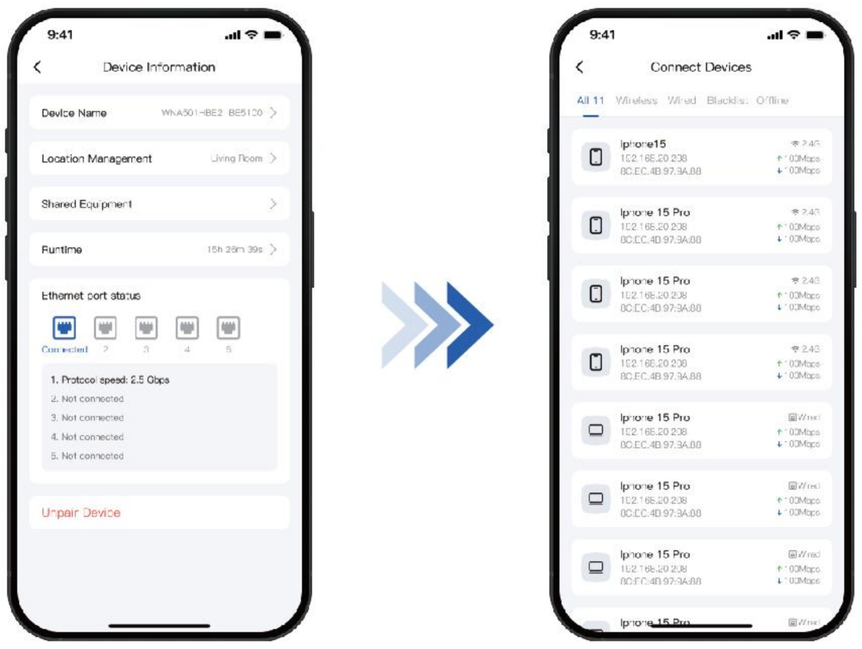
Security

Protect your network from malicious attacks



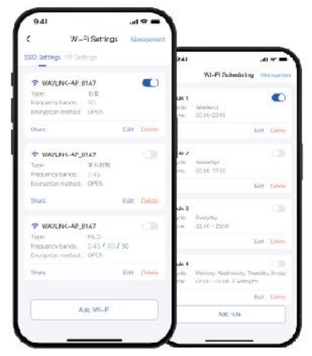
Clients

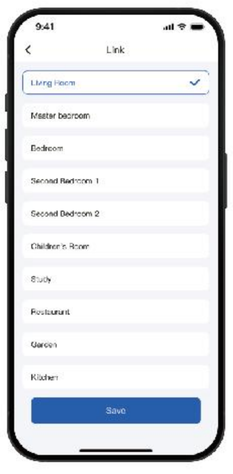
Check out your connection at a glance



Smart Parental Controls

Automatically filter content and restrict internet usage



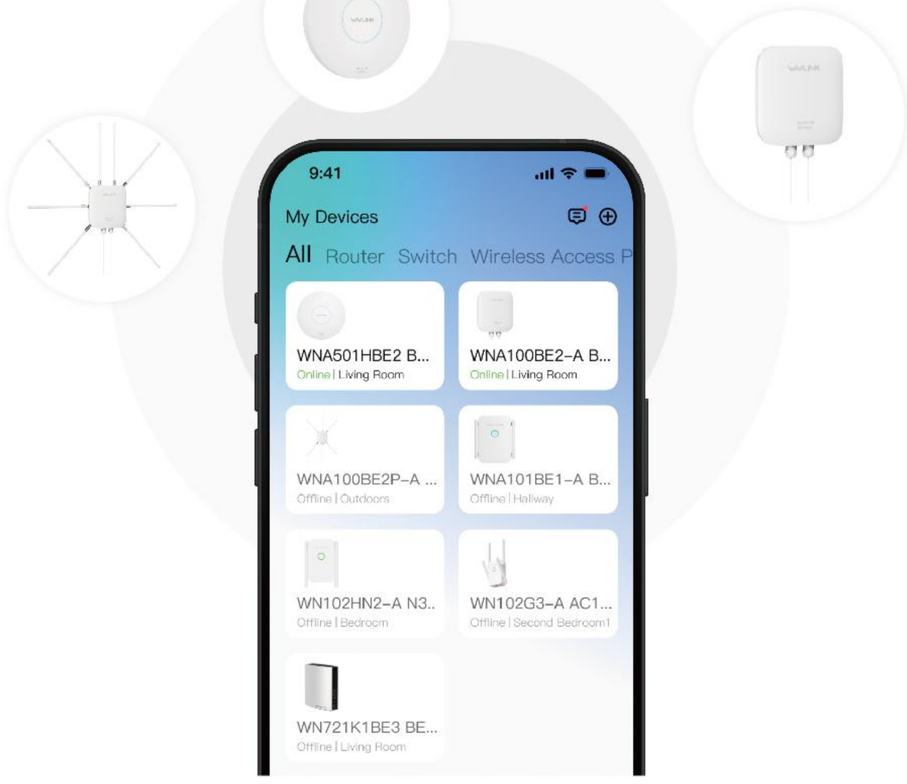


Multi-Device Management

Supports the management of routers, ceiling-mounted AP and other devices

Access Anytime, Anywhere

Monitor and control your home Wi-Fi wherever you are



Explore More Settings

VPN | WAN | LAN | Password | LED

WAVLINK Smart Management

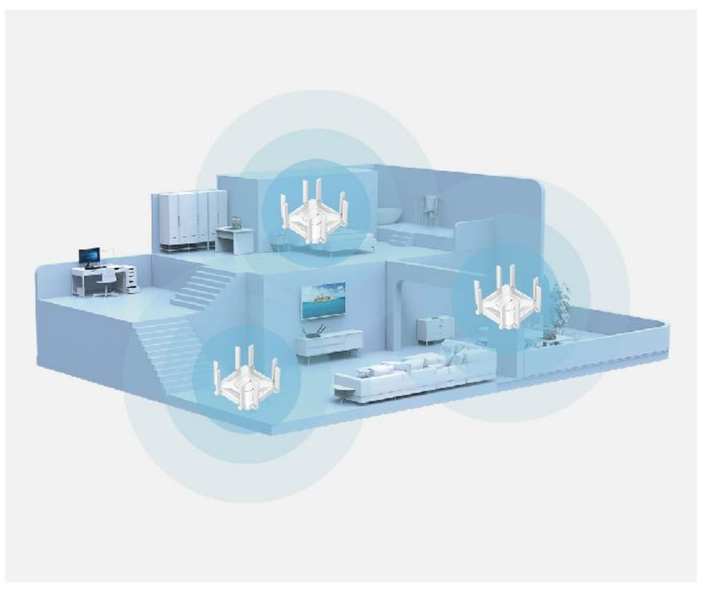
Every WAVLINK networking product comes with a unified, user-centric setup assistant built by our in-house R&D team. We deliver a steady, straightforward control experience across all routers, APs, extenders, and more.

Parental Control



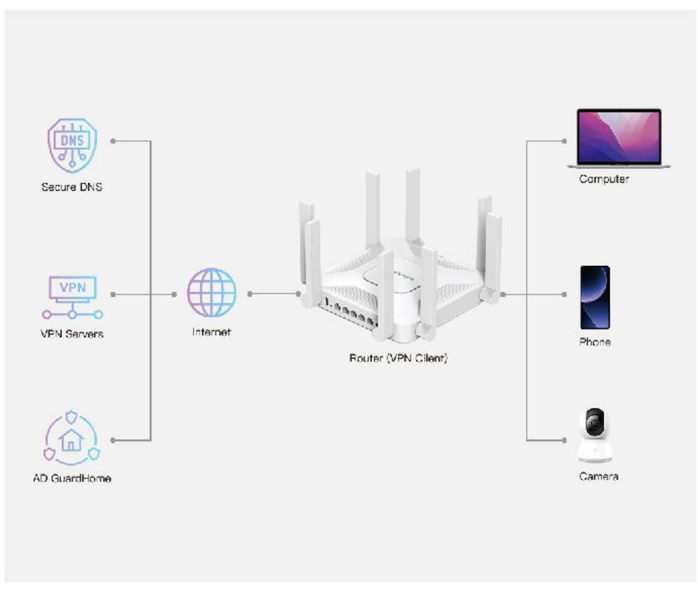
Manage online hours and filter unsafe online content to keep your family protected. You can set personalized user profiles for simple control over all connected devices.

WAVLINK Mesh Network

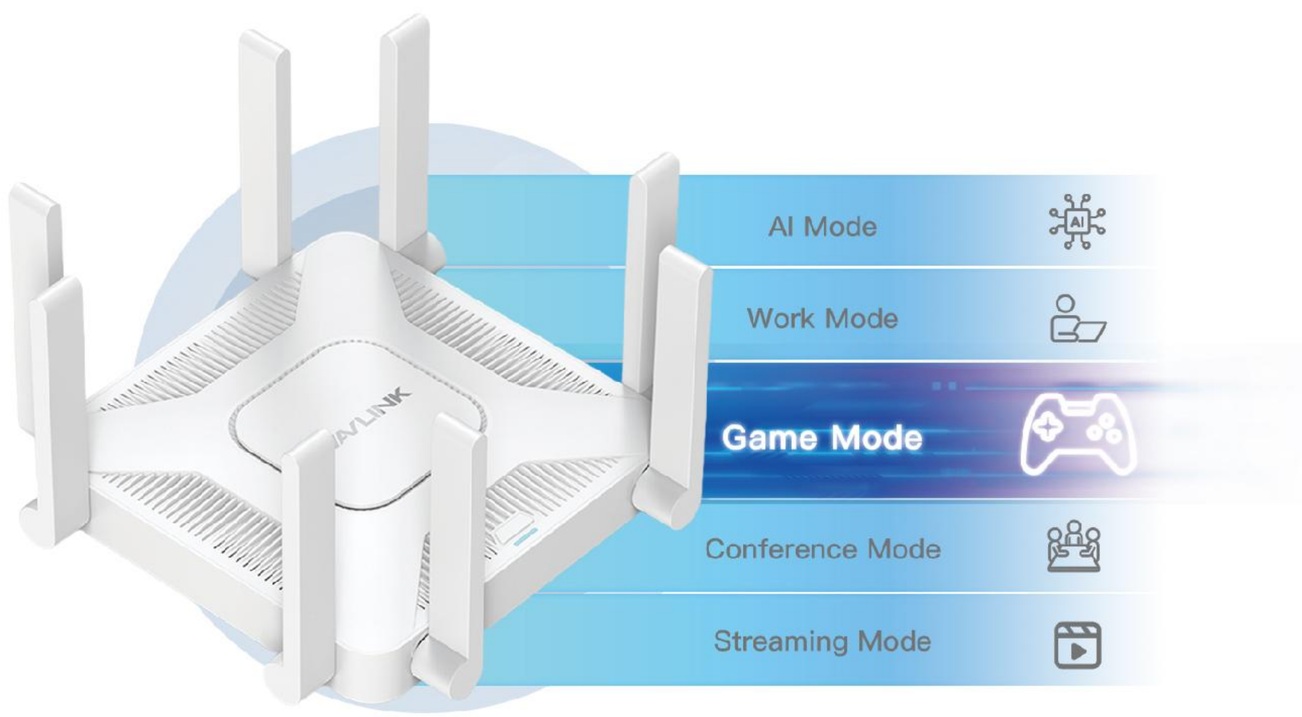


Built seamless Wi-Fi coverage across your entire home with smooth, interruption-free roaming. Works perfectly with all WAVLINK Mesh routers.

Safeguard Your Home Network



Cutting-edge home network system: AdGuard Home, Secure DNS, and VPN-Enjoy secure remote work and safe access to your home network from anywhere.



AI QoE Smart Optimization

Automatically optimizes network speed and latency, intelligently prioritizes gaming, video calls and streaming, delivering stable, high-speed and low-latency connections for all your devices.

Home Routers

Wi-Fi 7 BE14000 / 11000 / 7200 / 5100 / 3600






Model	Titan R7	Titan R6	Titan R5	Titan R4
Wi-Fi Standards	Wi-Fi 7 BE14000	Wi-Fi 7 BE11000	Wi-Fi 7 BE7200	Wi-Fi 7 BE5100
Interface	1 × 10G WAN Port 1 × 2.5G LAN Port 4 × 1G LAN Port 1 × USB 3.0 Port	4 × 2.5G LAN/WAN Port 1 × USB 3.0 Port	2 × 2.5G LAN/WAN Port 4 × 1G LAN/WAN Port 1 × USB 2.0 Fort	1 × 2.5G LAN/WAN Port 4 × 1G LAN/WAN Fort 1 × USB 2.0 Fort
LED	1 × Status	1 × Status	1 × Status	1 × Status
Wi-Fi Speed	2.4G: 688Mbps 5G: 4323Mbps 6G: 8646Mbps	2.4G: 688Mbps 5G: 4323Mbps 6G: 5764Mbps	2.4G: 1376Mbps 5G: 5764Mbps	2.4G: 688Mbps 5G: 4323Mbps
Antennas	2 × 5dBi 2.4G Built-in-Omnidirectional Antennas 3 × 5dBi 5G External-Omnidirectional Antennas 3 × 5dBi 6G External-Omnidirectional Antennas	2 × 5dBi 2.4G External-Omnidirectional Antennas 2 × 5dBi 5G External-Omnidirectional Antennas 2 × 5dBi 6G External-Omnidirectional Antennas	4 × 5dBi 2.4G External-Omnidirectional Antennas 6x5Dbi 5G External-Omnidirectional Antennas	2 × 5dBi 2.4G External-Omnidirectional Antennas 3 × 5dBi 5G External-Omnidirectional Antennas
Power Supply	USB Type-C PD 12V	USB Type-C PD 12V	USB Type-C PD 12V	USB Type-C PD 12V
Special	AI QoE, Smart Parental Control, AdGuard Home, VPNs，Everything Mesh	AI QoE, Smart Parental Control, AdGuard Home, VPNs，Everything Mesh	AI QoE, Smart Parental Control, AdGuard Home, VPNs, Everything Mesh	Smart Parental Control, AdGuard Home, VPNs, Everything Mesh





Model	Titan R3	Skyline Stream 5 Pro	Skyline Stream 4 Pro
Wi-Fi Standards	Wi-Fi 7 BE3600	Wi-Fi 7 BE5100	Wi-Fi 7 BE3600
Interface	1 × 2.5G LAN/WAN Port 4 × 1G LAN/WAN Port 1 × USB 2.0 Port	1 × 2.5G WAN Port 4 × 1G LAN Port	1 × 2.5G WAN Port 4 × 1G LAN Port
LED	1 x Status	1 × Status	1 × Status
Wi-Fi Speed	2.4G: 688Mbps 5G: 2882Mbps	2.4G: 688Mbps 5G: 4323Mbps	2.4G: 688Mbps 5G: 2882Mbps
Antennas	1 × 5dBi 2.4G External-Omnidirectional Antennas 1 × 5dBi 2.4G External-Omnidirectional Antennas 3 × 5dBi 5G External-Omnidirectional Antennas	2 × 5dBi 2.4G External-Omnidirectional Antennas 2 × 5dBi 5G External-Omnidirectional Antennas 1 × 3dBi 5G External-Omnidirectional Antennas	2 × 5dBi 2.4G External-Omnidirectional Antennas 2 × 5dBi 5G External-Omnidirectional Antennas 1 × 3dBi 5G External-Omnidirectional Antennas
Power Supply	USB Type-C PD 12V	DC 12V/1A	DC 12V/1A
Special	Smart Parental Control, AdGuard Home, VPNs, Everything Mesh	AdGuard Home, VPNs, Everything Mesh	AdGuard Home, VPNs, Everything Mesh

Home Routers

Wi-Fi 6 AX6000 / 3000; Wi-Fi 5 AC1200






Model	Giant Stream6	MIGHTY LX2	MIGHTY EX1	MIGHTY EX2
Wi-Fi Standards	Wi-Fi 6 AX6000	Wi-Fi 6 AX6000	Wi-Fi 6 AX3000	Wi-Fi 6 AX3000
Interface	1 × 2.5G WAN Port 1 × 2.5G LAN Port 3 × 1G LAN Port 1 × USB 3.0 Port	1 × 2.5Gbps WAN Port 4 × 1000Mbps LAN Port, 1 × USB3.0 Port	1 × 10/100/1000Mbps-WAN Port 2 × 10/100/1000Mbps-WAN Port	1 × 10/100/1000Mbps-WLAN Port
LED	1 × Status	4 × LAN, 1 x WAN, 1 × Wi-Fi, 1 x Power, 1 × Status	2 × LAN, 1 x WAN 1 × Wi-Fi, 1 x PWR 1 × SYS	1 × WAN, 1 x Wi-Fi 1 × PWR, 1 x SYS
Wi-Fi Speed	2.4G: 1148Mbps 5G: 4804Mbps	5GHz: 4804Mbps 2.4GHz: 1147Mbps	5GHz: 2402Mbps 2.4GHz: 573Mbps	5GHz: 2402Mbps 2.4GHz: 573Mbps
Antennas	4 × 5dBi 2.4G Built-in-Omnidirectional Antennas 4 × 5dBi 5G External-Omnidirectional Antennas	8 × 5dBi Omni-Omnidirectional Antenna	2 × 2.4G 5dBi-Omnidirectional Antenna 2 × 5G 5dBi-Omnidirectional Antenna 1 × 5G 5dBi Built-in-Omnidirectional Antenna	2 × 2.4G 5dBi-Omnidirectional Antenna 2 × 5G 5dBi-Omnidirectiona Antennas 1 × 5G 5dBi Built-in-Omnidirectional Antenna
Power Supply	DC 12V/1.5A	DC 12V/1.5A	DC 12V/1A	DC 12V/1A
Special	AI QoE, Smart Parental Control, AdGuard Home VPNs, Everything Mesh	AdGuard Home, VPNs, Everything Mesh	AdGuard Home, VPNs, Everything Mesh	AdGuard Home, VPNs, Everything Mesh





Model	QUANTUM DAG	QUANTUM D4P	QUANTUM S2K
Wi-Fi Standards	Wi-Fi 5 AC1200	Wi-Fi 5 AC1200	Wi-Fi 4 N300
Interface	1 × 1000M WAN, 2 × 1000M LAN	1 × 1000M WAN, 4 × 1000M LAN	1 × 100Mbps WAN Port 3 × 10/100Mbps LAN PortS
LED	1 × Status	1 × Power, 4 x LAN 1 × WAN, 1 x Wi-Fi 2 × Status(WAVLINK LOGO)	1 × Wi-Fi
Wi-Fi Speed	5GHz: 867Mbps 2.4GHz: 300Mbps	5GHz: 867Mbps 2.4GHz: 300Mbps	2.4G: 300Mbps
Antennas	2 × 2.4G 5dBi Omni-Directional Antennas 2 × 5G 5dBi Omni-Directional Antennas	2 × 2.4G 5dBi Omni-Directional Antennas 2 × 5G 5dBi Omni-Directional Antennas	2 × 2.4G 5dBi Omni-Directional Antennas
Power Supply	DC 12V/1A	DC 12V/1A	DC 5V/1A

Mesh Routers

Seamless Coverage,
Unbreakable Connection

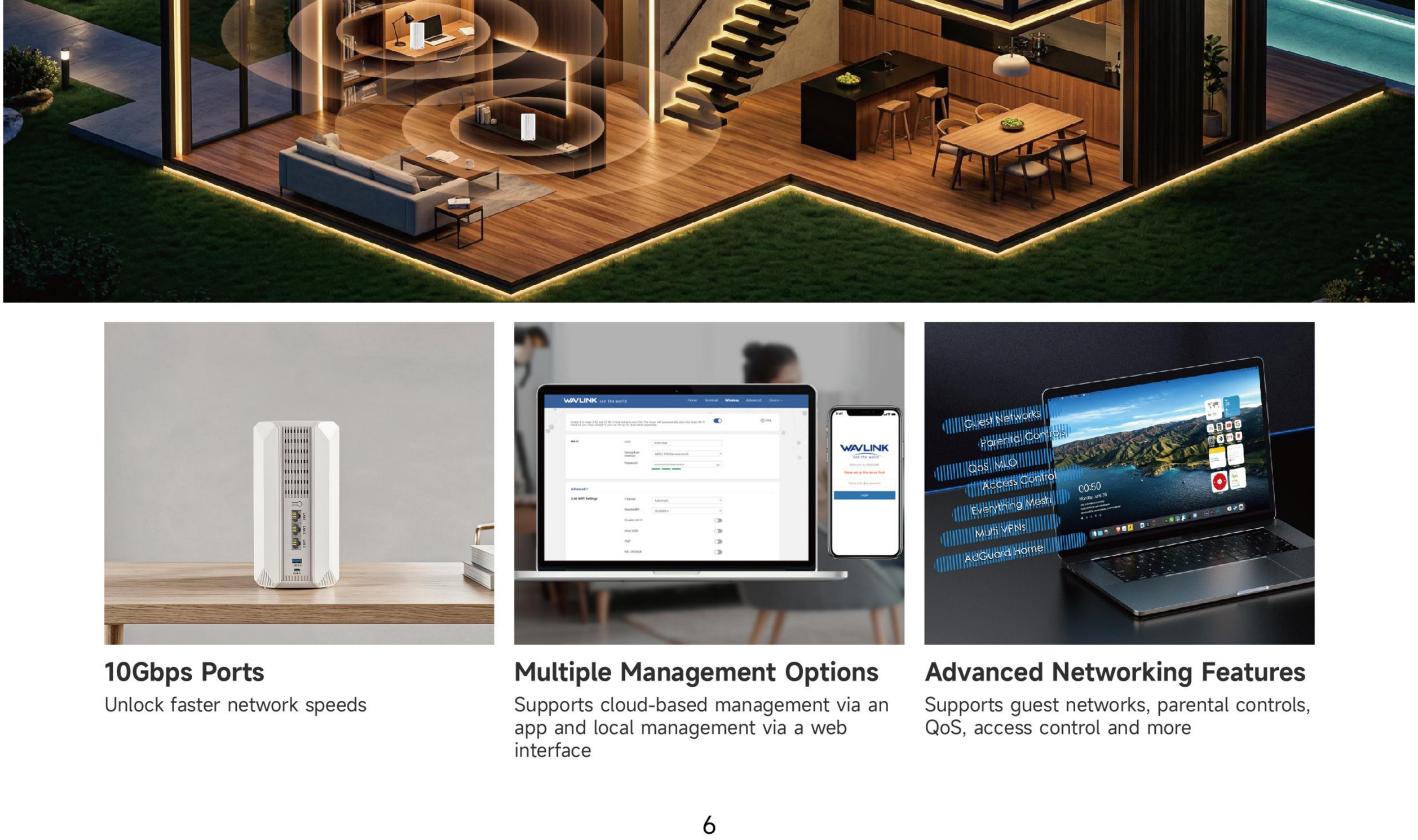
BE14000 Whole Home Wi-Fi 7 Mesh System

NEXUS M1



WAVLINK Everything Mesh Technology

Works with high-gain antennas to eliminate Wi-Fi dead zones and provide stable, high-speed coverage.



10Gbps Ports

Unlock faster network speeds

Multiple Management Options

Supports cloud-based management via an app and local management via a web interface

Advanced Networking Features

Supports guest networks, parental controls, QoS, access control and more

Mesh Router

Wi-Fi 7 BE14000 / 11000 / 7200 / 5100 / 3600; Wi-Fi 6 AX3000; Wi-Fi 5 AC1200






Model	NEXUS M1	NEXUS M2	HALO Nexus	HALO Elite
Wi-Fi Technology	Wi-Fi 7 BE14000 Tri-radio 2.4 / 5 / 6 GHz 8 spatial streams	Wi-Fi 7 BE11000 Tri-Radio 2.4 / 5 / 6GHz 6 Spatial Streams	Wi-Fi 7 BE5100 Dual-Radio 2.4 / 5GHz 5 Spatial Streams	Wi-Fi 7 BE3600 Dual-Radio 2.4 / 5GHz 4 Spatial Streams
Wireless Rate	2.4GHz: 688Mbps 5GHz: 4323Mbps 6GHz: 8647Mbps	2.4GHz: 688Mbps 5GHz: 4323Mbps 6GHz: 5765Mbps	2.4GHz: 688Mbps 5GHz: 4323Mbps	2.4GHz: 688Mbps 5GHz: 2882Mbps
Dimensions	103×103×205mm	103×103×205mm	145.7×143×240mm	145.7×143×240mm
CPU	ARM Cortex-A73 Triple-Core Processor, 1.8GHz 1.8GHz	ARM Cortex-A53 Quad-Core Processor, 1.5GHz	ARM Cortex-A53 Dual-Core Processor, 2.0GHz	ARM Cortex-A53 Dual-Core Processor, 2.0GHz
Interfaces	1 × 10G RJ45 Ports 1 × 2.5G RJ45 Ports 1 × 1G RJ45 Ports	4 × 2.5G RJ45 Ports	1 × 2.5G RJ45 Ports 4 × 1G RJ45 Ports	5 × 1G RJ45 Ports
Uplink	10 GbE	2.5 GbE	2.5 GbE	1 GbE
Antenna Type	Omni-Directional	Omni-Directional	Omni-Directional	Omni-Directional
Coverage	2,750 sq.ft.	2,750 sq.ft.	1,800 sq.ft.	1,500 sq.ft.
Concurrent Devices	400	300	90	60
Power Method	USB Type-C PD 12V	USB Type-C PD 12V	DC 12V	DC 12V
Operation Modes	Wi-Fi Router; Access Point; Range Extender	Wi-Fi Router; Access Point; Range Extender	Wi-Fi Router; Access Point; Range Extender	Wi-Fi Router; Access Point; Range Extender
Everything Mesh	√	√	√	√





Model	CUBE PRO	HALO Pulse	HALO BASE PRO
Wi-Fi Technology	Wi-Fi 6 AX3000 Dual-Radio 2.4 / 5GHz 4 Spatial Streams	Wi-Fi 6 AX3000 Dual-Radio 2.4 / 5GHz 4 Spatial Streams	Wi-Fi 5 AC1200 Dual-Radio 2.4 / 5GHz 4 Spatial Streams
Wireless Rate	2.4GHz: 574Mbps 5GHz: 2402Mbps	2.4GHz: 574Mbps 5GHz: 2402Mbps	2.4GHz: 300Mbps 5GHz: 867Mbps
Dimensions	125×134×116mm	120×120×198mm	90×90x95mm
CPU	ARM Cortex-A53 Dual-Core Processor, 1.3GHz	ARM Cortex-A53 Dual-Core Processor, 1.3GHz	MIPS Dual-Core Processor, 880MHz
Interfaces	3 × 1G RJ45 Ports	3 × 1G RJ45 Ports	2 × 1G RJ45 Ports
Uplink	1 GbE	1 GbE	1 GbE
Antenna Type	Omni-Directional	Omni-Directional	Omni-Directional
Coverage	1,500 sq.ft.	1,500 sq.ft.	1,000 sq.ft.
Concurrent Devices	50	50	40
Power Method	DC 12V	DC 12V	DC 12V
Operation Modes	Wi-Fi Router; Access Point; Range Extender	Wi-Fi Router; Access Point; Range Extender	Wi-Fi Router; Access Point; Range Extender
Everything Mesh	√	√	√

WiFi 7

BE5100 Dual-Band Security VPN Router

Fast & Stable Connectivity On the Go

VIATOR R1





Multiple VPNs Supported

Open VPN and WireGuard are pre-installed, compatible with 30+ VPN service providers



Smart-Touch Portable Wi-Fi

Control it with just your fingertips-no web browser or app required.



USB-C Fast Charging

Enjoy uninterrupted Wi-Fi connectivity with USB-C PD technology

Active Fan Cooling

Custom Switch

Dual 2.5G Ports

AP Mode

Router Mode

Bridge Mode

Security VPN Router

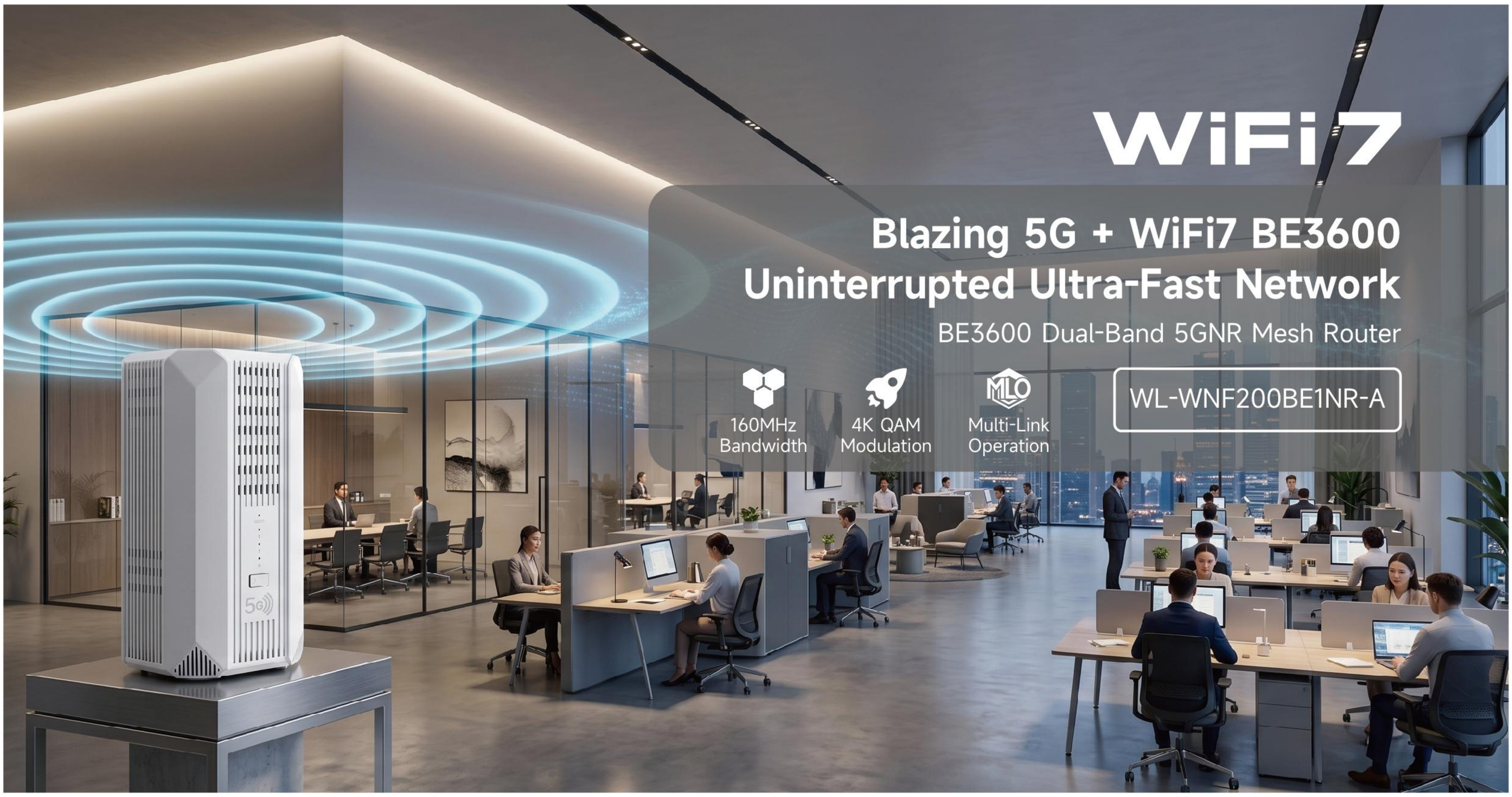


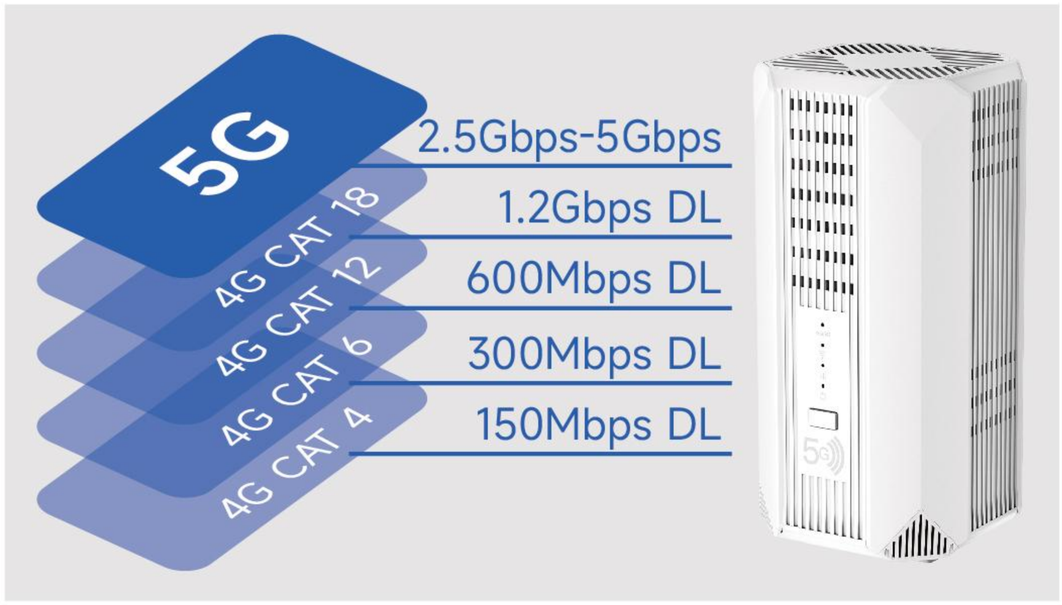






Model	VIATOR R1	VIATOR R2	WL-WNT100X3	WL-WNT001N1-A
Wi-Fi Standards	Wi-Fi 7 BE5100	Wi-Fi 7 BE5100	Wi-Fi 6 AX3000	Wi-Fi 4 N300
Interfaces	1 × 2.5G WAN Port 1 × 2.5G LAN Port 1 × USB 3.0 Port	1 × 2.5G WAN Port 1 × 2.5G LAN Port 1 × USB 3.0 Port	1 × 1G WAN, 1 x 1G LAN 1 × USB3.0 1 × Type-C Power Port	2 × 100M WAN/LAN Port
Display	1 × 3.02 Inch Color Display	1 × Status	1 × Status	1 × Status
Wi-Fi Speed	2.4G: 688Mbps 5G: 4323Mbps	2.4G: 688Mbps 5G: 4323Mbps	5GHz: 2402Mbps 2.4GHz: 573Mbps	2.4G: 300Mbps
Antennas	2 × 3dBi 2G&5G External-Omnidirectional Antennas 1 × 3dBi 5G Built-in-Omnidirectional Antennas	2 × 3dBi 2G&5G External-Omnidirectional Antennas 1 × 3dBi 5G Built-in-Omnidirectional Antennas	2 × 2.4G&5G 3dBi-Omnidirectional Antennas 1 × 5G 3dBi Built-in-Omnidirectional Antennas	2 × 3dBi 2G Built-in Omnidirectional Antennas
Power Supply	Type-C 5V/9V/12V	Type-C 5V/9V/12V	Type-C 5V	Type-C 5V
Special	Multi-WAN, AdGuard Home, VPNs, SSH And Luci For Developer	Multi-WAN, AdGuard Home, VPNs, SSH And Luci For Developer	Multi-WAN, AdGuard Home, VPNs, SSH And Luci For Developer	VPNs





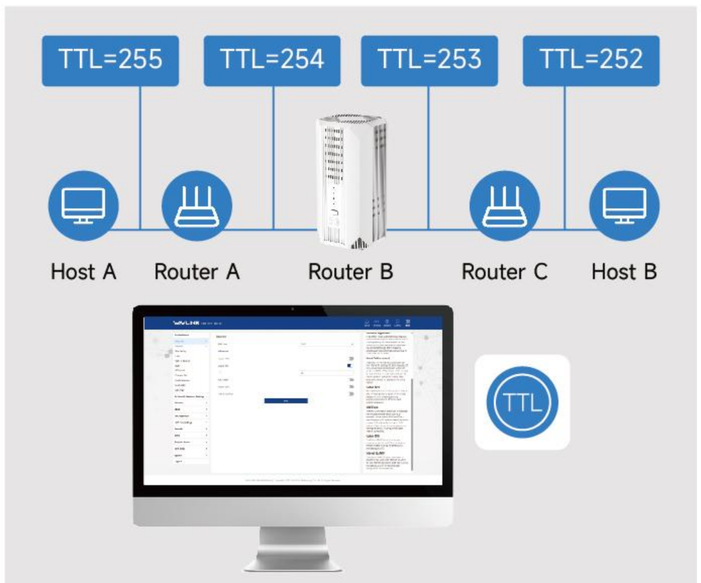


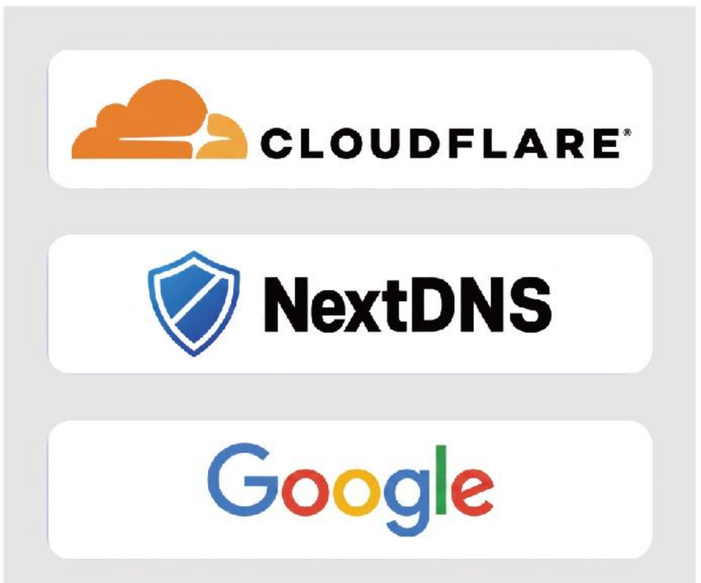
Efficient Heat Dissipation

Supports NSA/SA multi-mode switching, adapts to global 5G network environments. Achieves stable high-speed cellular connection to fit various network environments.

Full-Protocol VPN

Supports NSA/SA multi-mode switching, adapts to global 5G network environments. Achieves stable high-speed cellular connection to fit various network environments.







Custom TTL Setting

Allows manual adjustment of IPv4 TTL and IPv6 HL values. Fully complies with major ISP rules for stable and smooth network access.

Encrypted DNS Protection

Features DNS encryption to block eavesdropping and tampering. Blocks man-in-the-middle attacks for safer browsing.

Versatile Application

Suitable for multiple scenarios. Flexible deployment delivers steady high-speed network in all occasions.

5G CPE&ODU

Wi-Fi 7 BE3600, AX3000







Model	WL-WNF300NR-A	QuantumWave 5G Base	WL-WNF200BE1NR-A
Interfaces	1 × PoE-In LAN Port 1 × PoE-Out LAN Port	1 × 10/100/1000Mbps WAN/LAN Port 1 × 10/100/1000Mbps LAN Port 2 × TS-9 Antennas Ports 1 × Sim Card Slot	2 × 2.5G WAN/LAN 1 × Nano SIM Slot 1 × VoNR/VoLTE RJ11(optional)
Wi-Fi Speed	/	2.4G: 574Mbps 5G: 2402Mbps	2.4G: 688Mbps 5G: 2882Mbps
LED	1 × Status	1 × 4G/5G, 1 x Wi-Fi 1 × SSI, 1 × Power	1 × Wi-Fi, 1 × 5G LED, 2 × WAN/LAN
Antennas	8 dBi Built-in- Omnidirectional Antennas	2 × 2.4G 5dBi Omni- Directional Antennas 3 × 5G 5dBi Omni- Directional Antennas 4 × 5G NR 5dBi Omni- Directional Antennas	4 × 5dBi 5G NR Built-in- Omnidirectional Antennas 2 × 5dBi 2.4G External- Omnidirectional Antennas 2 × 5dBi 5G External- Omnidirectional Antennas
Special	IP67 Dust/Water Resistant, -40~70°C Operating Temp	/	AdGuard Home, VPNs, Everything Mesh

4G CPE Router

AC1200, N300









Model	WN535E4	WN531E4	WN572HE4	WN529E4-A
Interfaces	1x Gigabit WAN Port 1x Gigabit LAN Port	1 x 10/100/1000Mbps WAN Port, 1 x 4G nano sim Card Slot 4 x 10/100/1000Mbps LAN Port	1 x WAN (Passive PoE) 1000Mbps 1 x 4G nano sim Card Slot 1 x LAN 1000Mbps	1 x 10/100/1000Mbps WAN Port 1 x 4G nano sim Card Slot 4 x 10/100/1000Mbps LAN Port
Wi-Fi Speed	5GHz: 867Mbps 2.4GHz: 300 Mbps	5GHz: 867Mbps 2.4GHz: 300 Mbps	5GHz: 867Mbps 2.4GHz: 300 Mbps	2.4GHz: 300 Mbps
LED	1 x Reset, 1 x Pair 1 x TouchLink 1 x POWER ON/OFF switch	1 x Power, 4 x LAN 1 x WAN, 1 x WiFi 2 x Status	1 x Power, 1 x WAN, 1 x LAN, 1 x WiFI, 3 x Signal, 1 x 4G Status	1 x WPS, 2 x LAN, 1 x WAN, 1 x WiFi, 1 x Power, 1 x Status
Antennas	2 x 2.4G Omni Directional Antennas 2 x5G Omni Directional Antennas 2 x 4G LTE Omni Directional Antennas	2 x 2.4G Omni Directional Antennas 2 x 5G Omni Directional Antennas 2 x 4G LTE Omni Directional Antennas	2 x 2.4G Omni Directional Antennas 2 x 5G Omni Directional Antennas 2 x 4G LTE Omni Directional Antennas	2 x 2.4GHz 5dBi External antenna 2 x 4G LTE 5dBi External antenna
Special	/	/	IP67 Dust/Water Resistant, -40~70°C Operating Temp	/



BE14000 Ceiling Mount Tri-Band Wi-Fi 7 Access Point

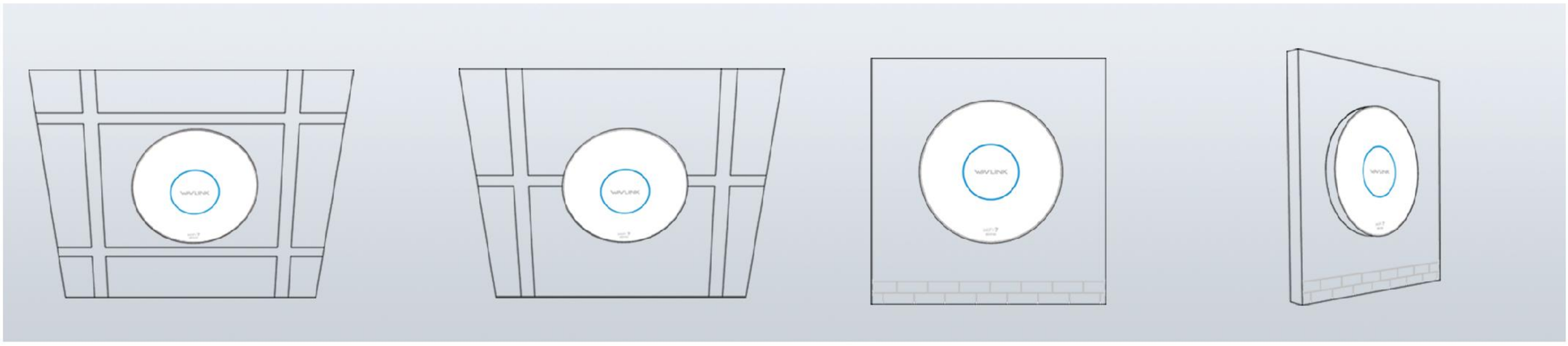
AERIAL AC5

Wi-Fi7
Experience unparalleled speed

10Gbps Port
Unlock faster network connectivity

Multiple Charging Options
DC Jack; Passive PoE; 802.3 af/at/bt PoE

Multiple Installation Options

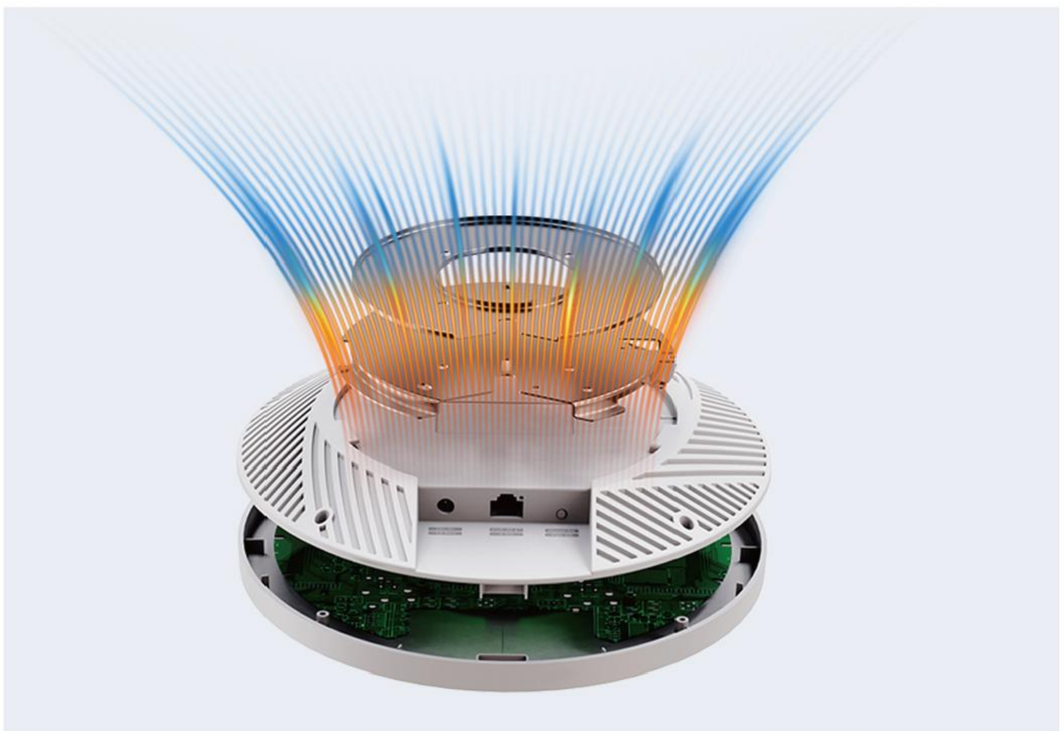


Ceiling Mounting
On a Tile

Ceiling Mounting
On a T-bar

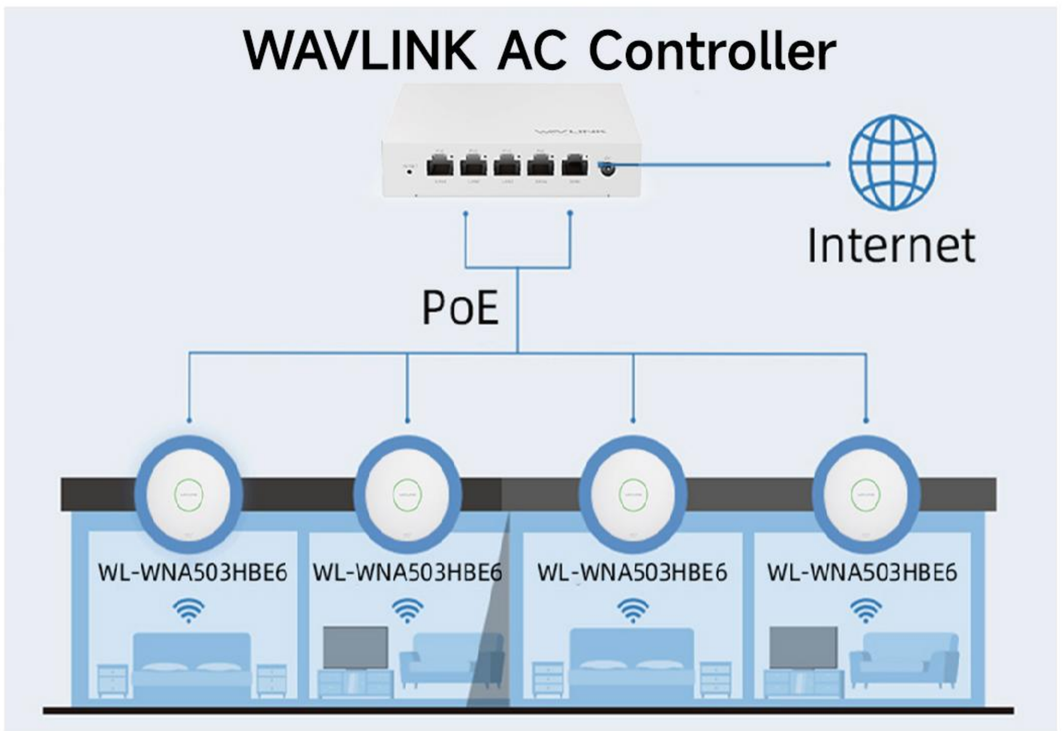
Wall Mounting

Junction Box Mounting



Efficient Heat Dissipation

The heat dissipation design inside a ceiling-mounted router is what keeps it running reliably over time and extends its life



Multiple Management Options

Supports management via AC controller and standalone management

Ceiling Mount AP

Wi-Fi 7 BE14000 / 11000 / 7200 / 5100; Wi-Fi 6 AX3000; Wi-Fi 5 AC1200





Model	AERIAL AC5	AERIAL AC4	AERIAL AC3
Wi-Fi Technology	Wi-Fi 7 BE14000 Tri-Radio 2.4 / 5 / 6GHz 8 Spatial Streams	Wi-Fi 7 BE11000 Tri-Radio 2.4 / 5 / 6GHz 6 Spatial Streams	Wi-Fi 7 BE7200 Dual-Radio 2.4 / 5GHz 8 Spatial Streams
CPU	ARM Cortex-A73 Triple-Core Processor, 1.8GHz	ARM Cortex-A53 Quad-Core Processor, 1.5GHz	ARM Cortex-A53 Quad-Core Processor, 2.0GHz
Wireless Rate	2.4GHz: 688Mbps 5GHz: 4323Mbps 6GHz: 8647Mbps	2.4GHz: 688Mbps 5GHz: 4323Mbps 6GHz: 5765Mbps	2.4GHz: 1376Mbps 5GHz: 5765Mbps
Dimensions	Ø216*38mm	Ø216*38mm	Ø216*38mm
Antenna Type	Omni-Directional	Omni-Directional	Omni-Directional
Coverage	3,000 sq.ft.	2,750 sq.ft.	2,000 sq.ft.
Concurrent Devices	400	300	200
Power Method	DC Passive PoE 802.3at/af PoE	DC Passive PoE 802.3at/af PoE	DC Passive PoE 802.3at/af PoE
Interfaces	1 × 10G RJ45 Port	1 × 2.5G RJ45 Port	1 × 2.5G RJ45 Port
Uplink	10 GbE	2.5 GbE	2.5 GbE
Operation Modes	Wi-Fi Router; Access Point; Range Extender	Wi-Fi Router; Access Point; Range Extender	Wi-Fi Router; Access Point; Range Extender
Everything Mesh	√	√	√
Mounting	Ceiling/Wall	Ceiling/Wall	Ceiling/Wall





Model	AERIAL AC2	AERIAL AC1	AERIAL AC6
Wi-Fi Technology	Wi-Fi 7 BE5100 Dual-Radio 2.4 / 5GHz 5 Spatial Streams	Wi-Fi 6 AX3000 Dual-Radio 2.4 / 5GHz 4 Spatial Streams	Wi-Fi 5 AC1200 Dual-Radio 2.4 / 5GHz 4 Spatial Streams
CPU	ARM Cortex-A53 Quad-Core Processor, 2.0GHz	ARM Cortex-A53 Dual-Core Processor, 1.3GHz	MIPS Dual-Core Processor, 880MHz
Wireless Rate	2.4GHz: 688Mbps 5GHz: 4323Mbps	2.4GHz: 574Mbps 5GHz: 2402Mbps	2.4GHz: 300Mbps 5GHz: 867Mbps
Dimensions	Ø170*37mm	Ø170*37mm	Ø170*37mm
Antenna Type	Omni-Directional	Omni-Directional	Omni-Directional
Coverage	1,800 sq.ft.	1,500 sq.ft.	1,000 sq.ft.
Concurrent Devices	180	100	35
Power Method	DC Passive PoE 802.3at/af PoE	DC Passive PoE 802.3at/af PoE	DC Passive PoE 802.3at/af PoE
Interfaces	1 × 2.5G RJ45 Port	1 × 1G RJ45 Port	1 × 1G RJ45 Port
Uplink	2.5 GbE	1 GbE	1 GbE
Operation Modes	Wi-Fi Router; Access Point; Range Extender	Wi-Fi Router; Access Point; Range Extender	Wi-Fi Router; Access Point; Range Extender
Everything Mesh	√	√	√
Mounting	Ceiling/Wall	Ceiling/Wall	Ceiling/Wall

WiFi 7

Wi-Fi 7 BE14000 Tri Band 10G Outdoor AP

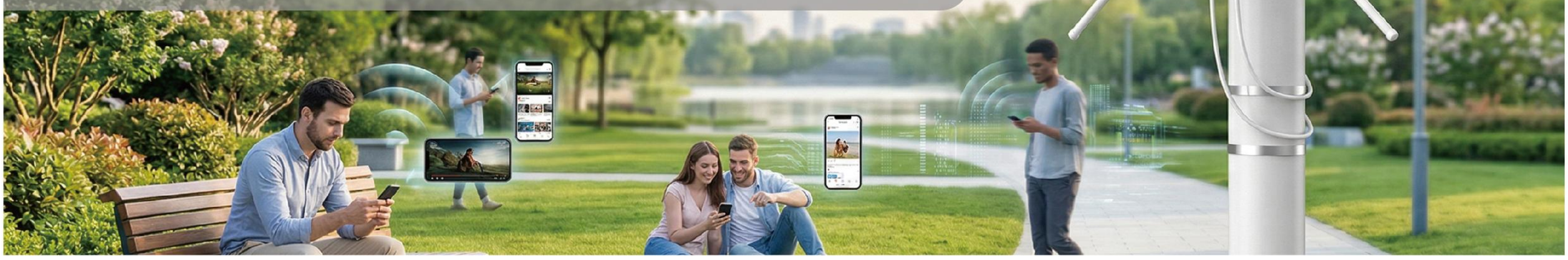
Beyond Limits, Boundless Connections

AERIAL AO10

Tri-Band

10G WAN

IP68 Waterproof





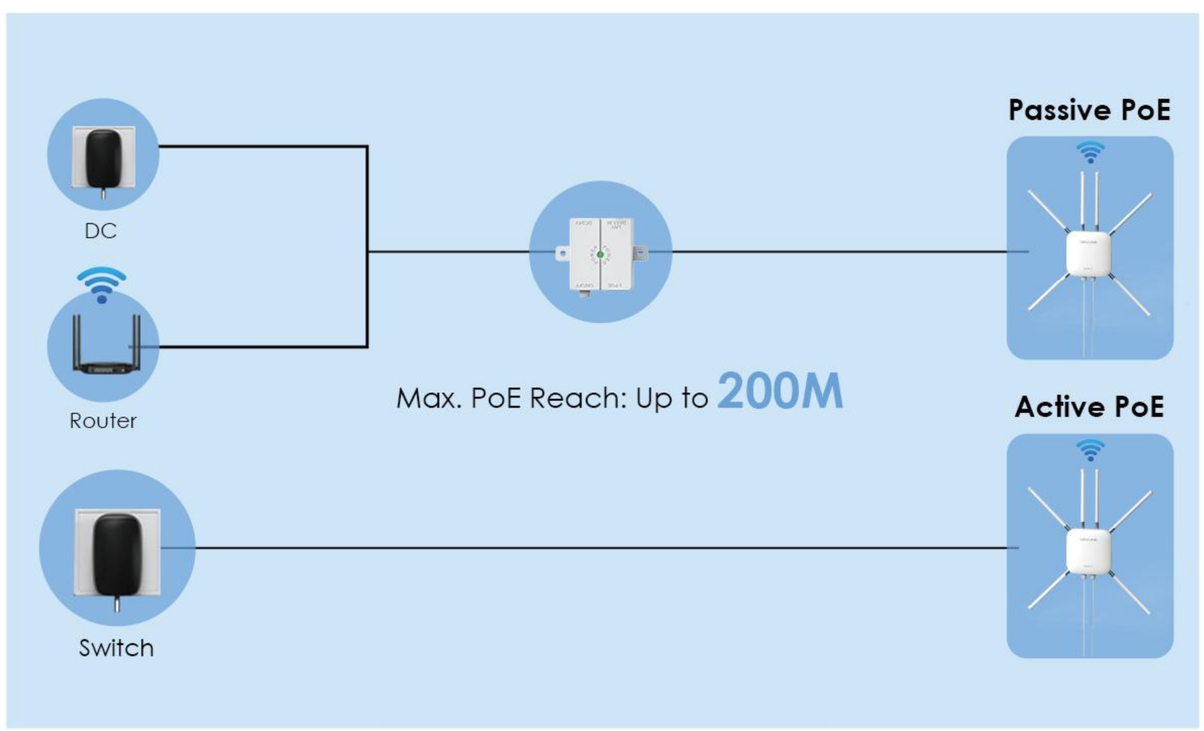
Key Features

- 2.4GHz 688Mbps + 5GHz 4323Mbps + 6GHz 8647Mbps
- Fully supports IEEE 802.11be/ax/ac/a/n/g/b standards
- 3x3 MU-MIMO, 320MHz bandwidth, and 4096-QAM
- Built-in 6KV/10KA lightning protection and 15kV ESD resistance
- IP68 waterproof; Operates stably from -40°C to 65°C
- 10Gbps + 2.5Gbps Ethernet Ports



Wireless Performance

- Receive Sensitivity: -95dBm
- Antennas: 2x2.4G 8dBi, 3x5G 8dBi, 3x6G 8dBi Omni Antennas
- Coverage: Up to 1000 meters outdoors (environment dependent)



Function Support

- Multi-Mode Operation: AP/Repeater/Router
- Supports FIT AP & AC Controller Centralized Management
- Everything Mesh Supported
- AC Controller/Web Management/ APP Management
- Memory: 1024MB DDR4 | 128MB SPI-NAND
- Power Supply: DC 54V/1.17A (Passive PoE) or 48V (Active PoE)

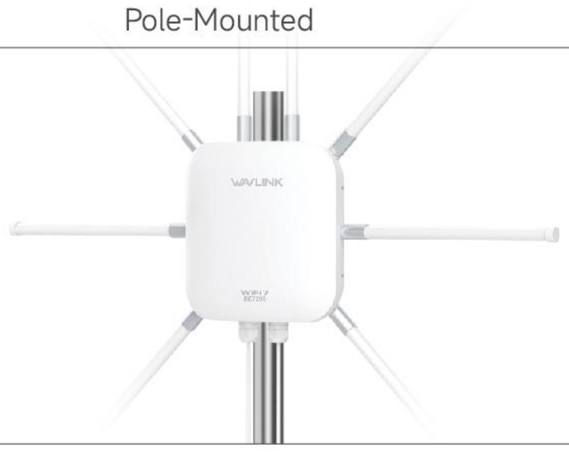
Outdoor AP

Wi-Fi 7 BE14000 / 11000 / 7200 / 5100






Model	AERIAL AO9	AERIAL AO10	AERIAL AO7	AERIAL AO8
Wi-Fi Technology	Wi-Fi 7 BE14000 Tri-Radio 2.4 / 5 / 6GHz 8 Spatial Streams	Wi-Fi 7 BE14000 Tri-Radio 2.4 / 5 / 6GHz 8 Spatial Streams	Wi-Fi 7 BE11000 Tri-Radio 2.4 / 5 / 6GHz 6 Spatial Streams	Wi-Fi 7 BE11000 Tri-Radio 2.4 / 5 / 6GHz 6 Spatial Streams
CPU	ARM Cortex-A73 Triple-Core Processor, 1.8GHz	ARM Cortex-A73 Triple-Core Processor, 1.8GHz	ARM Cortex-A53 Quad-Core Processor, 1.5GHz	ARM Cortex-A53 Quad-Core Processor, 1.5GHz
Wireless Rate	2.4GHz: 688Mbps; 5GHz: 4323Mbps; 6GHz: 8647Mbps	2.4GHz: 688Mbps; 5GHz: 4323Mbps; 6GHz: 8647Mbps	2.4GHz: 688Mbps; 5GHz: 4323Mbps; 6GHz: 5765Mbps	2.4GHz: 688Mbps; 5GHz: 4323Mbps; 6GHz: 5765Mbps
Dimensions	270×270×76.6mm	270×270×76.6mm	270×270×76.6mm	270×270×76.6mm
Antenna Type	Omni-Directional Antennas 6×5dBi+2×10dBi	Omni-Directional Antennas 2×6dBi+2×10dBi	Omni-Directional Antennas 4×5dBi+2×10dBi	Omni-Directional Antennas 6dBi×8
Coverage	Outdoors 800Meters	Outdoors 1000Meters	Outdoors 800Meters	Outdoors 1000Meters
Concurrent Devices	400	400	300	300
Power Method	40-54V Passive PoE & 802.3at/af/bt PoE	40-54V Passive PoE & 802.3at/af/bt PoE	40-54V Passive PoE & 802.3at/af/bt PoE	40-54V Passive PoE & 802.3at/af/bt PoE
Interfaces	1 × 10Gbps RJ45 Port 1 × 2.5Gbps RJ45 Port	1 × 10Gbps RJ45 Port 1 × 2.5Gbps RJ45 Port	2 × 2.5Gbps RJ45 Ports	2 × 2.5Gbps RJ45 Ports
Uplink	10 GbE	10 GbE	2.5 GbE	2.5 GbE
Operation Modes	Wi-Fi Router; Access Point; Range Extender	Wi-Fi Router; Access Point; Range Extender	Wi-Fi Router; Access Point; Range Extender	Wi-Fi Router; Access Point; Range Extender
Everything Mesh	√	√	√	√
Mounting	Wall-Mounted, Pole-Mounted	Wall-Mounted, Pole-Mounted	Wall-Mounted, Pole-Mounted	Wall-Mounted, Pole-Mounted



Model	AERIAL AO5	AERIAL AO6	AERIAL AO3	AERIAL AO2
Wi-Fi Technology	Wi-Fi 7 BE7200 Dual-Radio 2.4 / 5GHz 8 Spatial Streams	Wi-Fi 7 BE7200 Dual-Radio 2.4 / 5GHz 8 Spatial Streams	Wi-Fi 7 BE5100 Dual-Radio 2.4 / 5GHz 5 Spatial Streams	Wi-Fi 7 BE5100 Dual-Radio 2.4 / 5GHz 5 Spatial Streams
CPU	ARM Cortex-A53 Quad-Core Processor, 2.0GHz	ARM Cortex-A53 Quad-Core Processor, 2.0GHz	ARM Cortex-A53 Quad-Core Processor, 2.0GHz	ARM Cortex-A53 Quad-Core Processor, 2.0GHz
Wireless Rate	2.4GHz: 1376Mbps; 5GHz: 5765Mbps	2.4GHz: 1376Mbps; 5GHz: 5765Mbps	2.4GHz: 688Mbps; 5GHz: 4323Mbps	2.4GHz: 688Mbps; 5GHz: 4323Mbps
Dimensions	270×270×76.6mm	270×270×76.6mm	270×270×76.6mm	270×270×76.6mm
Antenna Type	Omni-Directional Antennas 8×5dBi+2×10dBi	Omni-Directional Antennas 8×8dBi+2×10dBi	120°Directional antennas 5G: 3×17DBi 2.4G: 2×5DBi	Omni-Directional Antennas 4×5dBi+1×10dBi
Coverage	Outdoors 800Meters	Outdoors 1000Meters	Outdoors 1500Meters	Outdoors 800Meters
Concurrent Devices	200	200	180	180
Power Method	40-54V Passive PoE & 802.3at/af/bt PoE	40-54V Passive PoE & 802.3at/af PoE	40-54V Passive PoE & 802.3at/af PoE	40-54V Passive PoE & 802.3at/af PoE
Interfaces	2 × 2.5Gbps RJ45 Ports	2 × 2.5Gbps RJ45 Ports	2 × 2.5Gbps RJ45 Ports	2 × 2.5Gbps RJ45 Ports
Uplink	2.5 GbE	2.5 GbE	2.5 GbE	2.5 GbE
Operation Modes	Wi-Fi Router; Access Point; Range Extender	Wi-Fi Router; Access Point; Range Extender	Wi-Fi Router; Access Point; Range Extender	Wi-Fi Router; Access Point; Range Extender
Everything Mesh	√	√	√	√
Mounting	Wall-Mounted, Pole-Mounted	Wall-Mounted, Pole-Mounted	Wall-Mounted, Pole-Mounted	Wall-Mounted, Pole-Mounted

Outdoor AP

Wi-Fi 7 BE5100, Wi-Fi 6 AX3000 / 1800; Wi-Fi 5 AC1200



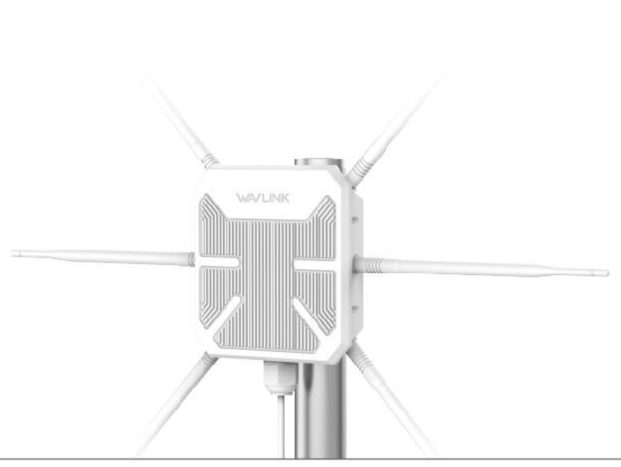






Model	AERIAL AO4	AERIAL AO1	AERIAL HD9	AERIAL HD10
Wi-Fi Technology	Wi-Fi 7 BE5100 Dual-Radio 2.4 / 5GHz 5 Spatial Streams	Wi-Fi 7 BE5100 Dual-Radio 2.4 / 5GHz 5 Spatial Streams	Wi-Fi 6 AX3000 Dual-Radio 2.4 / 5GHz 4 Spatial Streams	Wi-Fi 6 AX3000 Dual-Radio 2.4 / 5GHz 4 Spatial Streams
CPU	ARM Cortex-A53 Quad-Core Processor, 2.0GHz	ARM Cortex-A53 Quad-Core Processor, 2.0GHz	ARM Cortex-A53 Dual-Core Processor, 1.3GHz	ARM Cortex-A53 Dual-Core Processor, 1.3GHz
Wireless Rate	2.4GHz: 688Mbps; 5GHz: 4323Mbps	2.4GHz: 688Mbps; 5GHz: 4323Mbps	2.4GHz: 574Mbps; 5GHz: 2402Mbps	2.4GHz: 574Mbps; 5GHz: 2402Mbps
Dimensions	270×270×76.6mm	240.6×239.9×72.7mm	240.6×239.9×72.7mm	240.6×239.9×72.7mm
Antenna Type	Omni Directional Antennas 5×8dBi	Omni-Directional Antennas 4×8dBi+1×10dBi	Omni-Directional Antennas 4×8dBi	120°Directional Antennas 5G: 2×12dBi 2.4G: 2×12dBi
Coverage	Outdoors 1000Meters	Outdoors 1000Meters	Outdoors 1000Meters	Outdoors 1500Meters
Concurrent Devices	180	180	80	80
Power Method	40-54V Passive PoE & 802.3at/af PoE	40-54V Passive PoE & 802.3at/af/bt PoE	40-54V Passive PoE & 802.3at/af PoE	40-54V Passive PoE & 802.3at/af PoE
Interfaces	2 × 2.5Gbps RJ45 Ports	1 × 2.5Gbps RJ45 Ports	1 × 2.5Gbps RJ45 Port	1 × 2.5Gbps RJ45 Port
Uplink	2.5 GbE	2.5 GbE	2.5 GbE	2.5 GbE
Operation Modes	Wi-Fi Router; Access Point; Range Extender	Wi-Fi Router; Access Point; Range Extender	Wi-Fi Router; Access Point; Range Extender	Wi-Fi Router; Access Point; Range Extender
Everything Mesh	√	√	√	√
Mounting	Wall-Mounted, Pole-Mounted	Wall-Mounted, Pole-Mounted	Wall-Mounted, Pole-Mounted	Wall-Mounted, Pole-Mounted







Model	AERIAL HD6	AERIAL HD9S	WING 12M
Wi-Fi Technology	Wi-Fi 6 AX1800 Dual-Radio 2.4 / 5GHz 4 Spatial Streams	Wi-Fi 6 AX3000 Dual-Radio 2.4 / 5GHz 4 Spatial Streams	Wi-Fi 5 AC1200 Dual-Radio 2.4 / 5GHz 4 Spatial Streams
CPU	ARM Cortex-A53 Dual-Core Processor, 1.3GHz	ARM Cortex-A53 Dual-Core Processor, 1.3GHz	MIPS Dual-Core Processor, 880MHz
Wireless Rate	2.4GHz: 574Mbps; 5GHz: 1201Mbps	2.4GHz: 574Mbps; 5GHz: 2402Mbps	2.4GHz: 300Mbps; 5GHz: 867Mbps
Dimensions	240.6×239.9×72.7mm	172.7×169.6×56.5mm	217.3×60.85×60.85mm
Antenna Type	Omni-Directional Antennas 4×8dBi	Omni-Directional Antennas 6×7dBi	Omni-Directional Antennas 4×7dBi
Coverage	Outdoors 1000Meters	Outdoors 1000Meters	Outdoors 500Meters
Concurrent Devices	80	80	60
Power Method	40-54V Passive PoE & 802.3at/af PoE	40-54V Passive PoE & 802.3at/af/bt PoE	40-54V Passive PoE & 802.3at PoE
Interfaces	1 × 1Gbps RJ45 Port	1 × 1Gbps RJ45 Port	2 × 1Gbps RJ45 Ports
Uplink	1 GbE	1 GbE	1 GbE
Operation Modes	Wi-Fi Router; Access Point; Range Extender;	Wi-Fi Router; Access Point; Range Extender;	Wi-Fi Router; Access Point; Range Extender;
Everything Mesh	√	√	√
Mounting	Wall-Mounted, Pole-Mounted	Wall-Mounted, Pole-Mounted	Wall-Mounted, Pole-Mounted

Outdoor AP

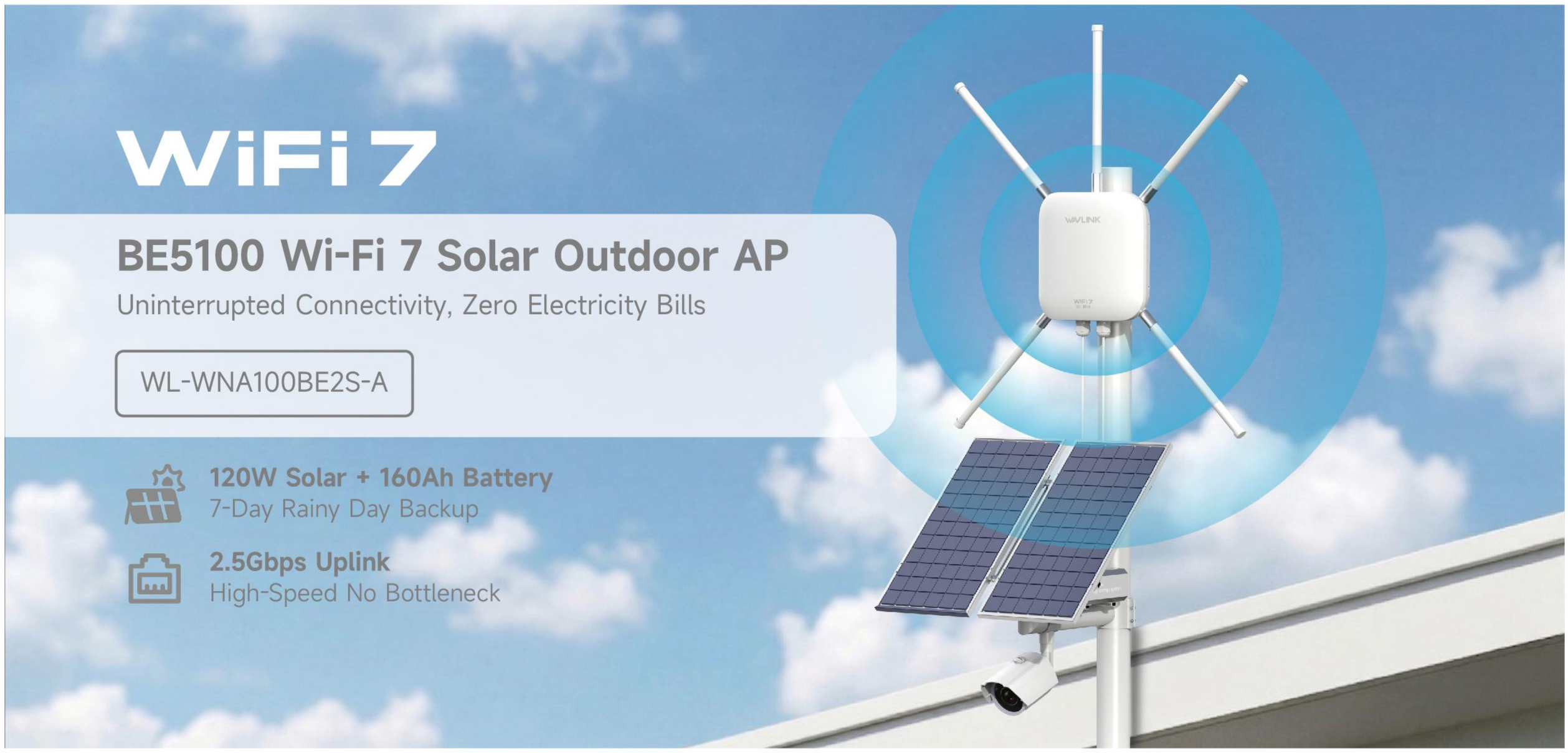
AC1200; N300







Model	AERIAL HD8S	AERIAL HD3	AERIAL HS3
Wi-Fi Technology	Wi-Fi 5 AC1200 Dual-Radio 2.4 / 5GHz 4 Spatial Streams	Wi-Fi 5 AC1200 Dual-Radio 2.4 / 5GHz 4 Spatial Streams	Wi-Fi 4 N300 2.4GHz 2 Spatial Streams
CPU	MIPS Dual-Core Processor, 880MHz	MIPS Single-Core Processor, 580MHz	MIPS Single-Core Processor, 580MHz
Wireless Rate	2.4GHz: 300Mbps; 5GHz: 867Mbps	2.4GHz: 300Mbps; 5GHz: 867Mbps	2.4GHz: 300Mbps
Dimensions	172.7×169.6×56.5mm	172.8×47.89×55.49mm	172.8×47.89×55.49mm
Antenna Type	Omni-Directional Antennas 4×7dBi	Omni-Directional Antennas 2×7dBi	Omni-Directional Antennas 2×7dBi
Coverage	Outdoors 500Meters	Outdoors 500Meters	Outdoors 500Meters
Concurrent Devices	60	35	35
Power Method	40-54V Passive PoE & 802.3at/af PoE	40-54V Passive PoE & 802.3at/af PoE	40-54V Passive PoE & 802.3at PoE
Interfaces	1 × 1Gbps RJ45 Port	1 × 100Mbps RJ45 Port	1 × 100Mbps RJ45 Port
Uplink	1 GbE	100 MbE	100 MbE
Operation Modes	Wi-Fi Router; Access Point; Range Extender;	Wi-Fi Router; Access Point; Range Extender	Wi-Fi Router; Access Point; Range Extender
Everything Mesh	√	x	x
Mounting	Wall-Mounted, Pole-Mounted	Wall-Mounted, Pole-Mounted	Wall-Mounted, Pole-Mounted



Solar Outdoor AP

Wi-Fi 7 BE5100, Wi-Fi 5 AC1200





Model	WL-WNA100BE2S-A	WL-WN588A2S-A
Wi-Fi Technology	Wi-Fi 7 BE5100 Dual-Radio 2.4 / 5GHz 5 Spatial Streams	Wi-Fi 5 AC1200 Dual-Radio 2.4 / 5GHZ 4 Spatial Streams
CPU	ARM Cortex-A53 Quad-Core Processor, 2.0GHz	MIPS Single-Core Processor, 580MHz
Wireless Rate	2.4GHz: 688Mbps; 5GHz: 4323Mbps	2.4GHz: 300Mbps; 5GHz: 867Mbps
Dimensions	270×270×76.6mm	172.7×169.6×56.5mm
Antenna Type	Omni-Directional Antennas 5×8dBi	Omni-Directional Antennas 4×7dBi
Coverage	Outdoors 1000Meters	Outdoors 800Meters
Concurrent Devices	180	35
Power Method	Solar 12V	Solar 12V
Interfaces	1 × 2.5Gbps RJ45 Port	1 × 1G RJ45 Port
Uplink	2.5 GbE	1G
Operation Modes	Wi-Fi Router; Access Point; Range Extender	Wi-Fi Router; Access Point; Range Extender
Everything Mesh	√	x
Solar Panel Power	100W	100W
Solar Panel Dimensions	930×580×25mm	800×580×20mm
Solar Panel Cell Type	Monocrystalline Silicon	Monocrystalline Silicon
Battery Capacity	40AH	40AH
Battery Type	Lithium Iron Phosphate Battery	Lithium Iron Phosphate Battery
Battery Cycle Life	≥3000cycles	≥3000cycles
Mounting	Wall-Mounted, Pole-Mounted	Wall-Mounted, Pole-Mounted

Aluminum Alloy Bracket for Outdoor AP



WIES

Wavlink Installation Enhancement System

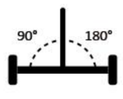


PID: WL-WN100T1

ADC12 aluminum alloy with anodic oxidation
for harsh outdoor use.
0°-90° tilt and 180° rotation for precise signal targeting.
Installs on walls or poles (30-150mm diameter).
Withstands Level 12 winds.
Pre-marked template enables installation within 10 minutes.



Durable & Corrosion-Resistant



Full Flexibility



Universal Mounting



Extreme Weather Proof



Quick Installation

Outdoor 90W/30W PoE Extender



PoE/PoE+ Switch

Data + Power — 200 Meters



Data + Power — 200 Meters

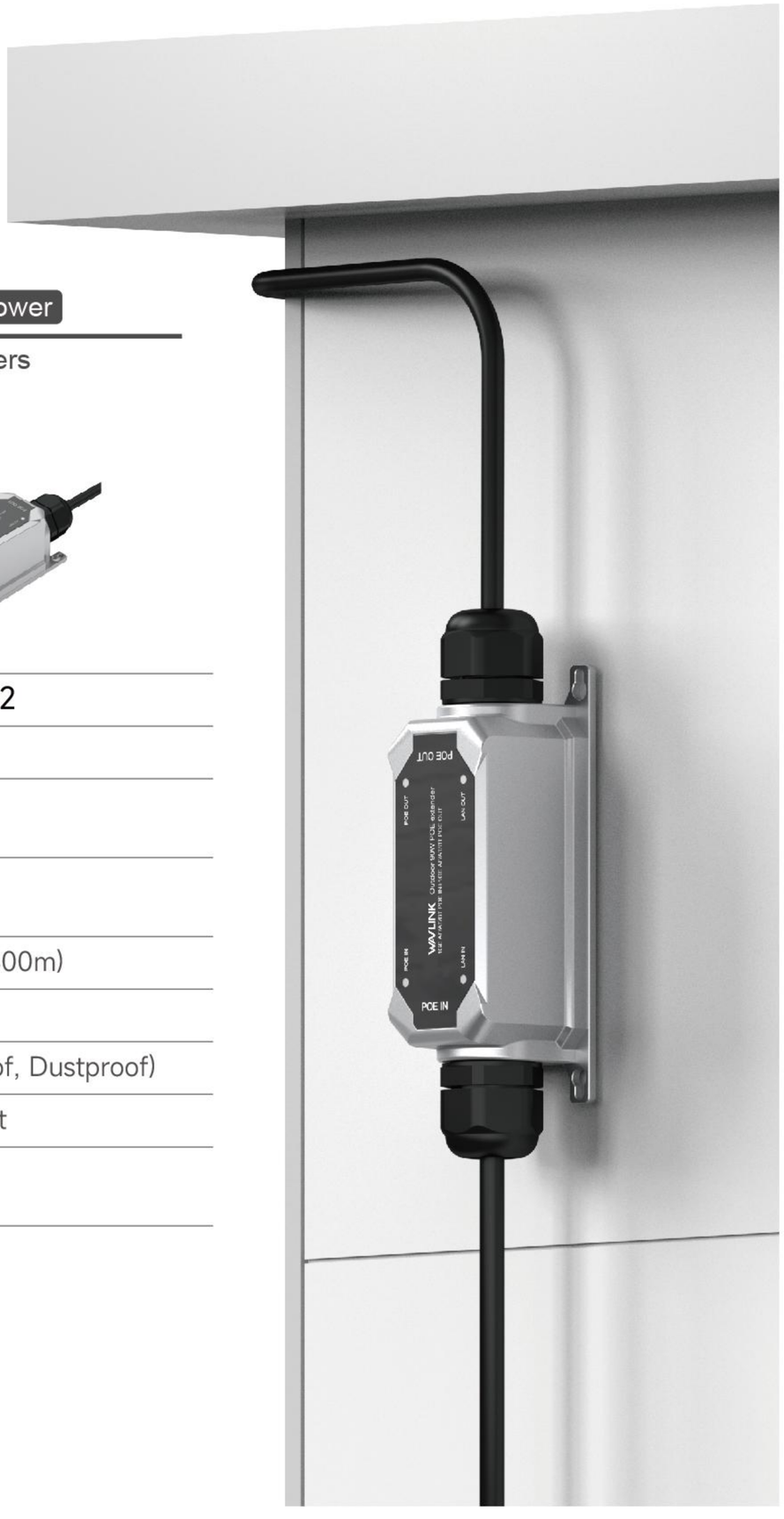


Data + Power — 200 Meters





Model	WL-WN901G1	WL-WN901G2
PoE Power Supply	90W	30W
Interface Configuration	1-in-1-out	1-in-1-out
Single-level Transmission Distance	Up to 200m	Up to 200m
Cascading Capability	3-level (up to 800m)	1-level (up to 400m)
Ethernet Transmission	Gigabit	Gigabit
Protection Rating	IP67(Waterproof, Dustproof)	IP67(Waterproof, Dustproof)
PoE Standards	IEEE 802.3af/at/bt	IEEE 802.3af/at
Max Distance (1000BASE-T/100BASE-TX)	100m/200m	100m/200m





3-in-1 Outdoor Injector

Surge Protection · Boost · PoE Power





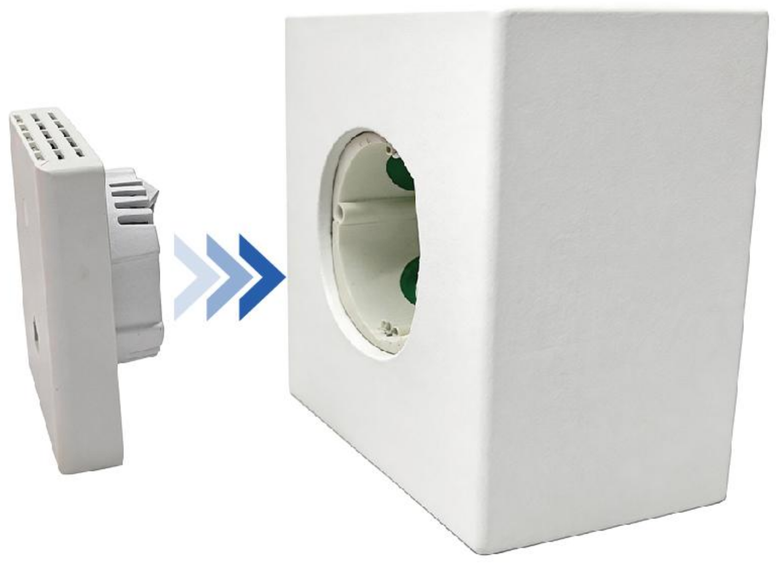
Model	WL-WN902G1-A	WL-WN901G3-A
Core Function	Surge Protection + PoE Injection + Voltage Step-up (3-in-1)	Voltage Step-up + PoE Injection (2-in-1)
Product Positioning	Outdoor engineering grade, surge-proof + power supply all-in-one	Indoor / desktop PoE step-up power injector
Input Voltage Range	DC 12V-54V wide voltage input	DC 12V-54V wide voltage input
PoE Output Power	Up to 60W	Average 35W, max peak 40W
PoE Standard Compatibility	IEEE802.3af/at/bt, supports passive PoE mode	IEEE802.3af/at, max 40W PoE output
Nominal Discharge Current	5kA	Not supported
Max Discharge Current	10kA	Not supported
ESD Protection	±15kV	Not supported
Network Speed	10/100/1000Mbps / 2.5Gbps	10/100/1000Mbps / 2.5Gbps
Transmission Distance	150 meters	150 meters
Data Input Port	1×RJ45	1×RJ45
PoE Output Port	1×RJ45	1×RJ45
DC Power Input	1×DC 12V-54V	1×DC 12V-54V
Ingress Protection	IP67 waterproof & dustproof	Indoor use
Operating Temperature	-40°C ~ 60°C wide temperature range	0°C ~ 40°C



Key Features

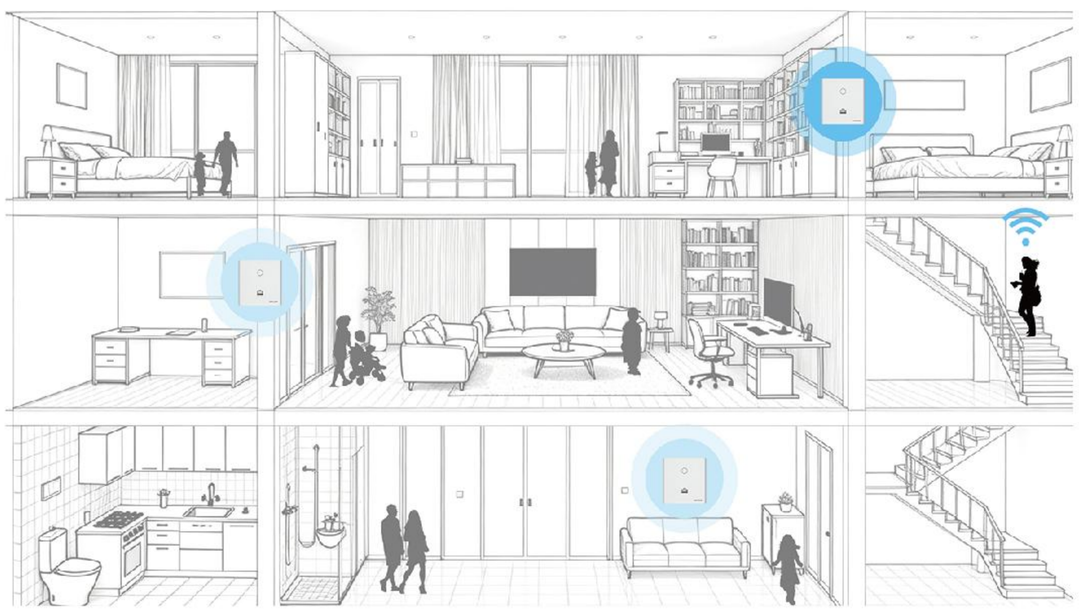
- 2.4GHz 574Mbps + 5GHz 2402Mbps
- Supports IEEE 802.11ax/ac/a/n/g/b standards, 160MHz bandwidth
- Standard 86-type wall panel design with hidden indicator lights
- 802.3af/at standard PoE power supply, cable-free and easy to install
- Full Gigabit WAN/LAN port, fully utilizes Gigabit broadband speed
- Supports AC centralized management for unified O&M in hotels

Fits All Small Wall Boxes



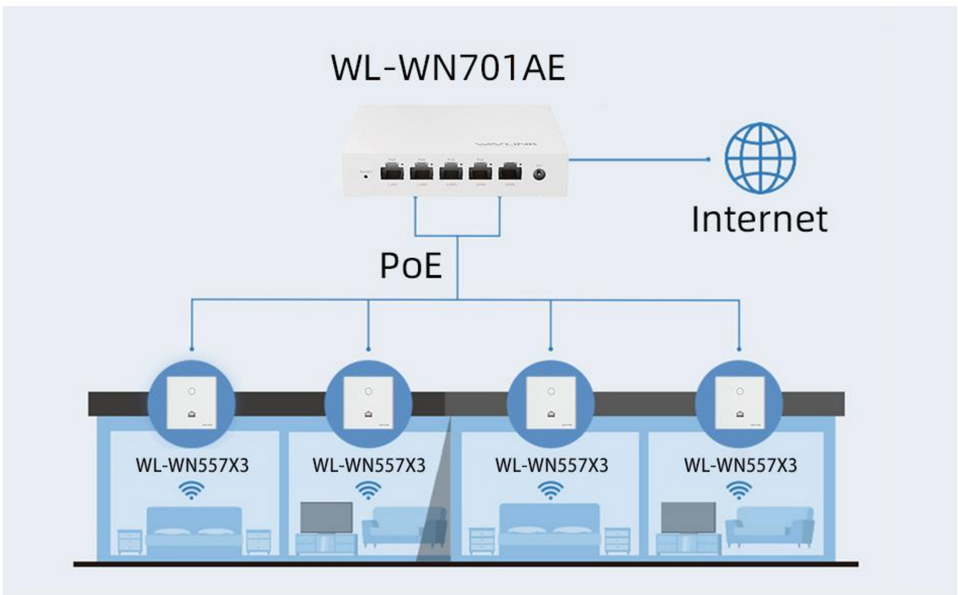
Wireless Performance

- Reception Sensitivity: -85dBm@11n
- Antennas: built-in 2×3dBi omnidirectional antennas
- Coverage: Up to 650 sq. ft. (indoor)
- 802.11k/v/r intelligent roaming for seamless whole-home coverage



Function Support

- Multi-Mode Operation: AP/Repeater/Router
- Security encryption: WPA2-PSK, WPA3-PSK and mixed encryption
- Hardware specs: 256MB DDR + 128MB Flash
- Power supply: 48V standard PoE, power consumption < 12W
- Web management, remote management and AC centralized management



Wall-Plate AP



Model	WL-WN557X3-A	WL-WN890A2M-A	WL-WN890A2-A	WL-WN7628K-B
Wi-Fi Technology	Wi-Fi 6 Dual-Radio 2.4 / 5GHz 4 Spatial Streams	Wi-Fi 5 Dual-Radio 2.4 / 5GHz 4 Spatial Streams	Wi-Fi 5 Dual-Radio 2.4 / 5GHz 4 Spatial Streams	Wi-Fi 4 2.4GHz 2 Spatial Streams
CPU	ARM Cortex-A53 Dual-Core Processor, 1.3GHz	MIPS Dual-Core Processor, 880MHz	MIPS Single-Core Processor, 580MHz	MIPS Single-Core Processor, 580MHz
Wireless Rate	2.4GHz: 574Mbps; 5GHz: 2401Mbps	2.4GHz: 300Mbps; 5GHz: 867Mbps	2.4GHz: 300Mbps; 5GHz: 867Mbps	2.4GHz: 300Mbps
Dimensions	86mm×86mm×41mm	86mm×86mm×37.8mm	86mm×86mm×37.8mm	86mm×86mm×37.8mm
Antenna Type	Omni-Directional Antennas 4×3dBi	Omni-Directional Antennas 4×3dBi	Omni-Directional Antennas 4×3dBi	Omni-Directional Antennas 2×3dBi
Coverage	1000 sq.ft.	1000 sq.ft.	800 sq.ft.	600 sq.ft.
Concurrent Devices	80	60	35	10
Power Method	40-54V Passive PoE & 802.3at/af PoE	40-54V Passive PoE & 802.3at/af PoE	40-54V Passive PoE & 802.3af PoE	40-54V Passive PoE & 802.3af PoE
Interfaces	2 × 1Gbps RJ45 Ports	2 × 1Gbps RJ45 Ports	2 × 100Mbps RJ45 Ports	2 × 100Mbps RJ45 Ports
Operation Modes	Wi-Fi Router; Access Point; Range Extender	Wi-Fi Router; Access Point Range Extender; Mesh Router; Mesh AP	Wi-Fi Router; Access Point; Range Extender	Wi-Fi Router; Access Point; Range Extender
Everything Mesh	√	√	x	x
Mounting	Wall-Plate	Wall-Plate	Wall-Plate	Wall-Plate



Wireless Bridge

Wi-Fi 5 876Mbps



Model	WL-WNB2020A1-A	WL-WNB108A1-A	TRANSIT B2	TRANSIT B1
Distance	20km	5km	3km	1km
Interface	1 × 1G Active PoE in WAN 1 × 1G Active PoE out LAN 1 × DC 12V	1 × 1G Active PoE in WAN 1 × 1G Active PoE out LAN 1 × DC 12V	1 × 100M Active PoE WAN 1 × 100M LAN 1 × DC 12V	1 × 100M Active PoE WAN 1 × 100M LAN 1 × DC 12V
LED	1 × PWR, 1 × WAN, 1 × LAN, 1 × Wi-Fi, 1 × 1-Digit Digital Tube, 3 x Signal Lights	1 × PWR, 1 × WAN, 1 × LAN, 1 × Wi-Fi, 1 × 1-Digit Digital Tube, 3 × Signal Lights	1 × PWR, 1 × WAN, 1 × LAN, 1 × 1-Digit Digital Display, 3 × Signal Lights	1 × PWR, 1 × WAN, 1 × LAN, 1 × 1-Digit Digital Display, 3 × Signal Lights
Antennas	20dBi Directional 60-Degree Integrated Antenna	14dBi Directional 60-Degree Integrated Antenna	14dBi Directional 60-Degree Integrated Antenna	4dBi Directional 60-Degree Integrated Antenna
Wi-Fi Speed	5G 876Mbps	5G 876Mbps	5G 876Mbps	5G 876Mbps

WAVLINK®
see the world

Gigabit PoE AC Controller

Enterprise-Grade Wireless Network Management Solution

COSMO G10



AP Grouping

PoE Watchdog

Multi-VPN Support

AP Grouping via AC Controller

Organize and control multiple APs in groups for smarter, more efficient unified network management





Ceiling AP

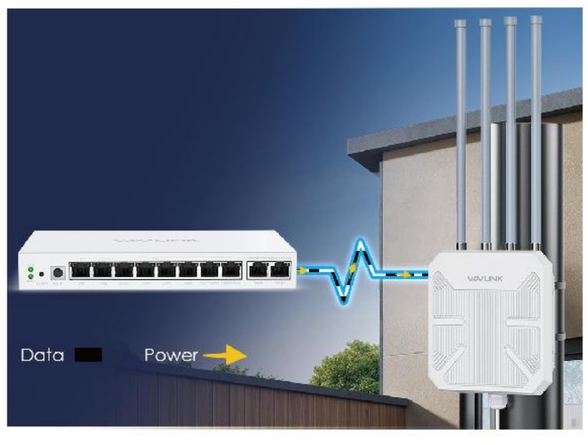
Page 11

Outdoor AP

Page 13

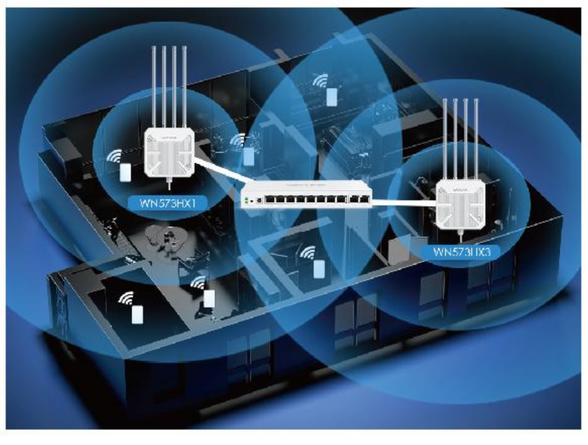
Socket AP

Page 19



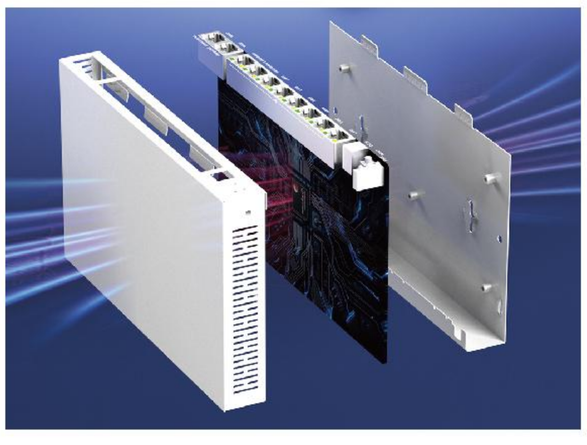
PoE Watchdog

Automatic fault detection and remote reboot lower maintenance costs



Flexible Networking

Supports multiple VPN modes: PPTP/L2TP/IPSec/OpenVPN/Wireguard



Enterprise-Grade Reliability

Metal enclosure with industrial cooling ensures stable 24/7 operation





Model	WL-WN701AE1-A	COSMO G10
Interface	1 × 1G WAN 4 × 1G LAN(Active PoE Out)	2 × 1G WAN 8 × 1G LAN(Active PoE Out)
LED	1 × Status, 1 × WAN, 4 × LAN	4 × WAN, 8 × LAN
Dimensions	86mm×86mm×41mm	190mm×100mm×28mm
Button	1 × Reset	1 × Reset
Special	Group Management, Traffic Control, VPNs	Group Management, Traffic Control, VPNs

Application Scenarios



Campus



Enterprise



Industrial



Residential

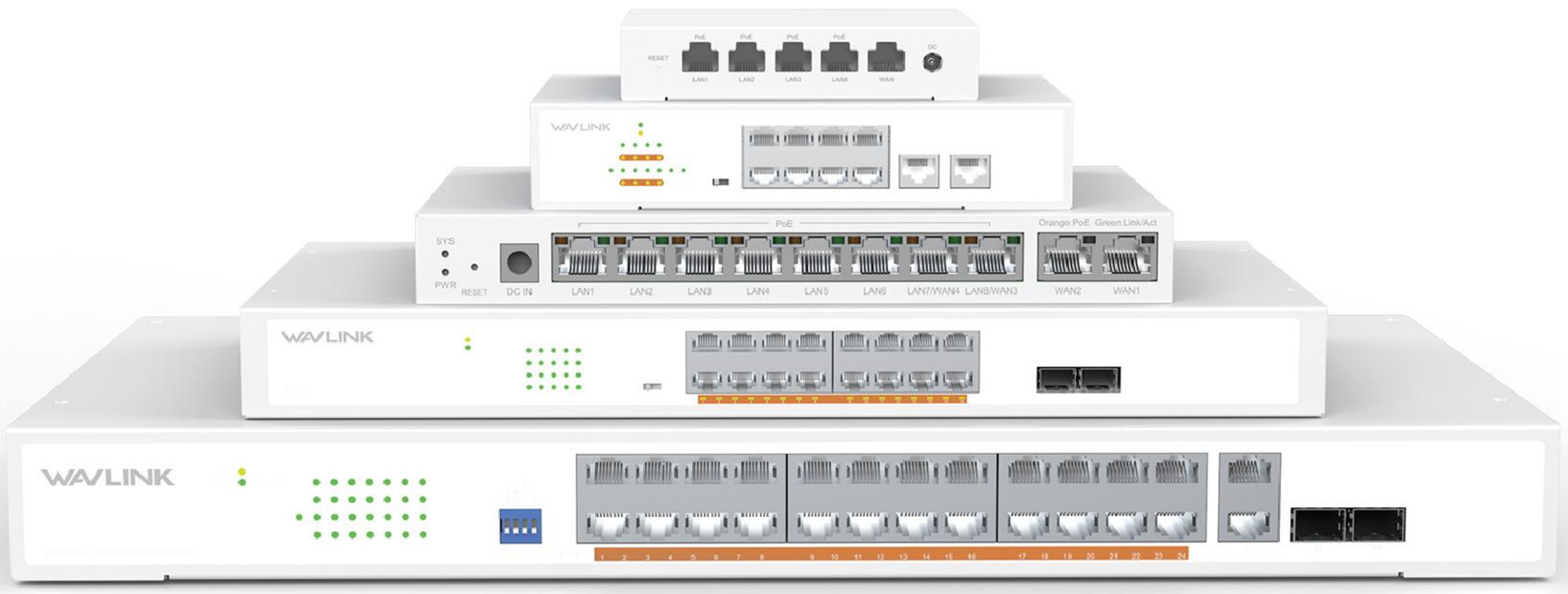
Multi-Ports PoE Switch

Plug & Play

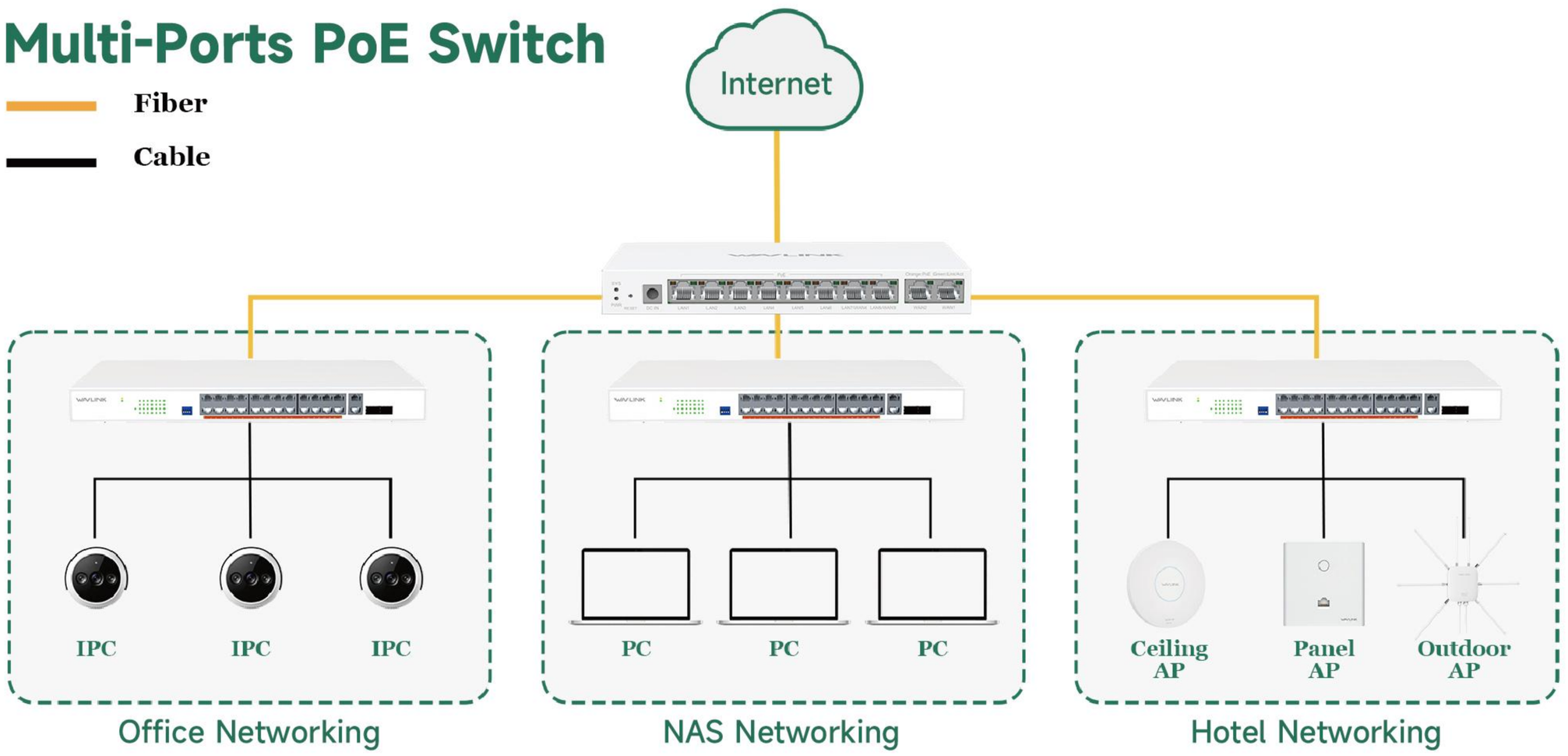
VLAN/CCTV

PD Alive

IEEE 802.3az



Multi-Ports PoE Switch



PoE Switch





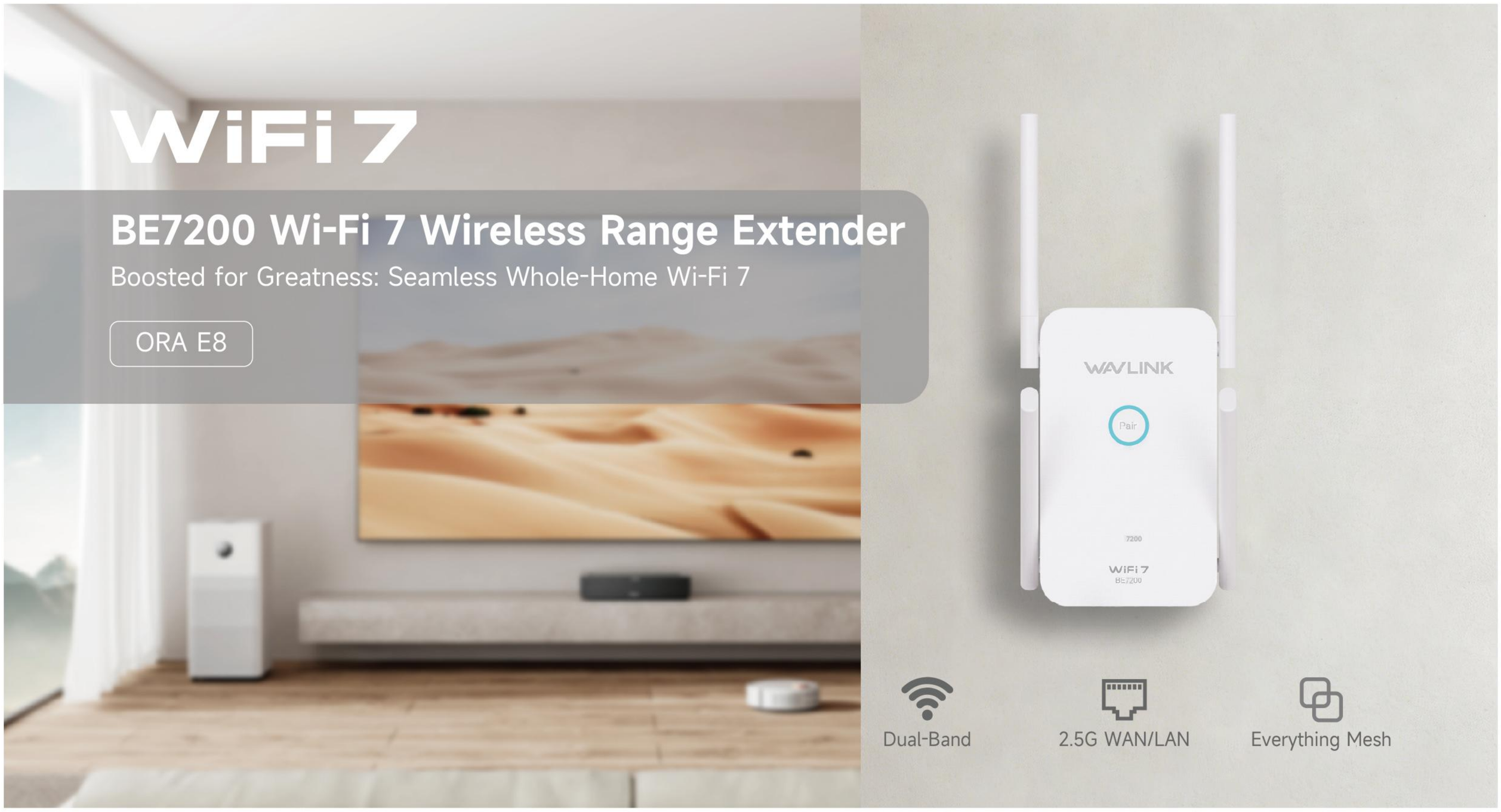
Model	COSMO S1	COSMO S2	COSMO S3
Port	8FE (PoE) + 2GE	16GE (PoE) + 2G SFP	24GE(PoE) + 2GE + 2G SFP
Switching Capacity	5.6Gbps	36Gbps	56Gbps
Packet Forwarding Rate	4.17Mpps	26.76Mpps	41.7Mpps
Chip Solution	RTL8310B1 + RTL8211F1 + RTL8238C*1	RTL8382L-VB-CG1 + RTL8218D-CG1 + RTL8238C*2	RTL8382L-VB-CG*1
Core Functions	CCTV/VLAN/PD-Alive/SCP	VLAN/CCTV/PD-Alive	VLAN/CCTV/PD-Alive
Power Supply	DC 130W	AC 250W	AC 250W
PoE Standard	802.3at/af	802.3at/af	802.3at/af
MPP	30W	30W	30W
Cooling	Fanless	5000*2 Fans	5000*2 Fans
Operating Temperature	0°C ~ 40°C	0°C ~ 40°C	0°C ~ 40°C
Dimension (L×W×H)	220×150×44mm	440×207×44mm	440×207×44mm

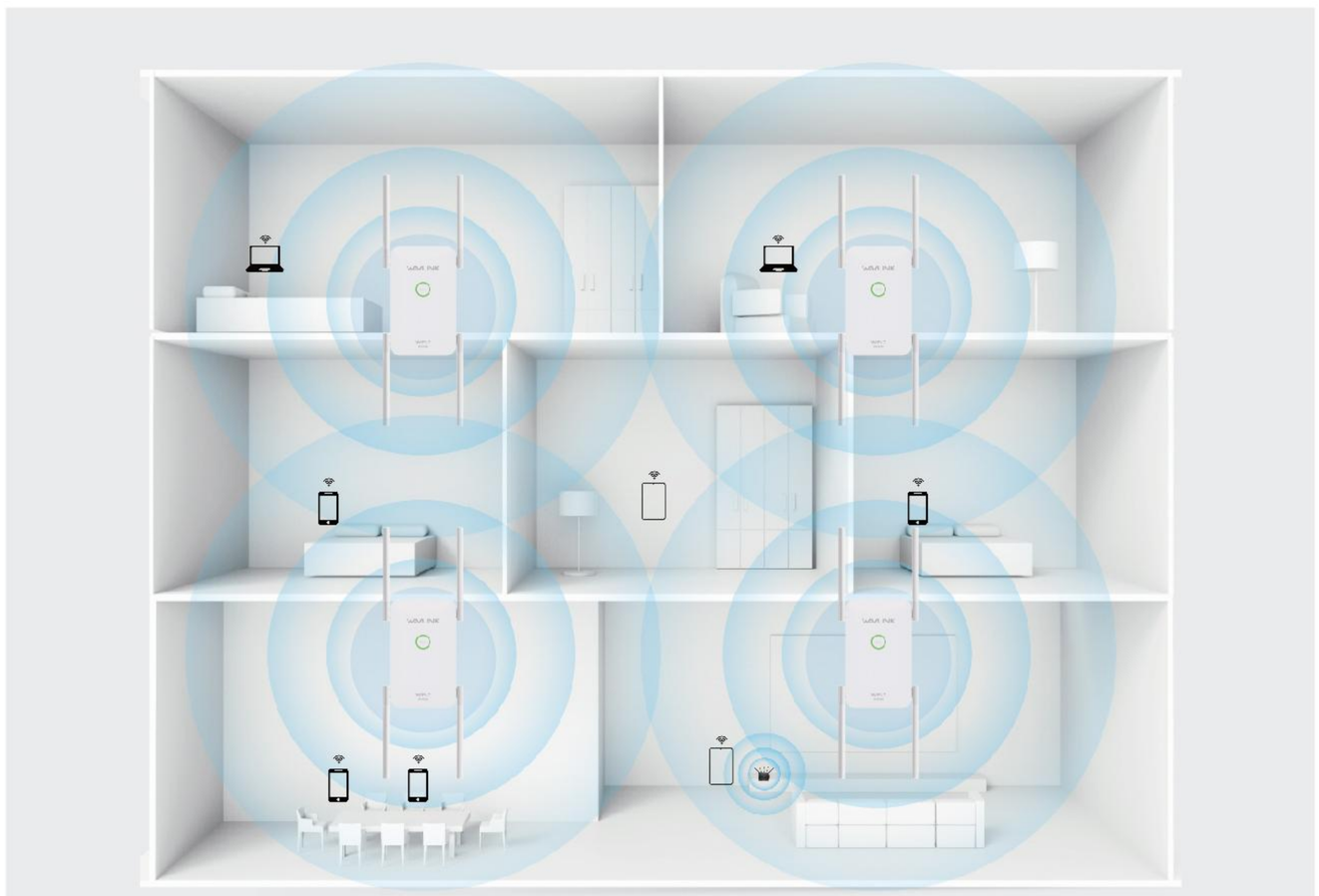
Switch





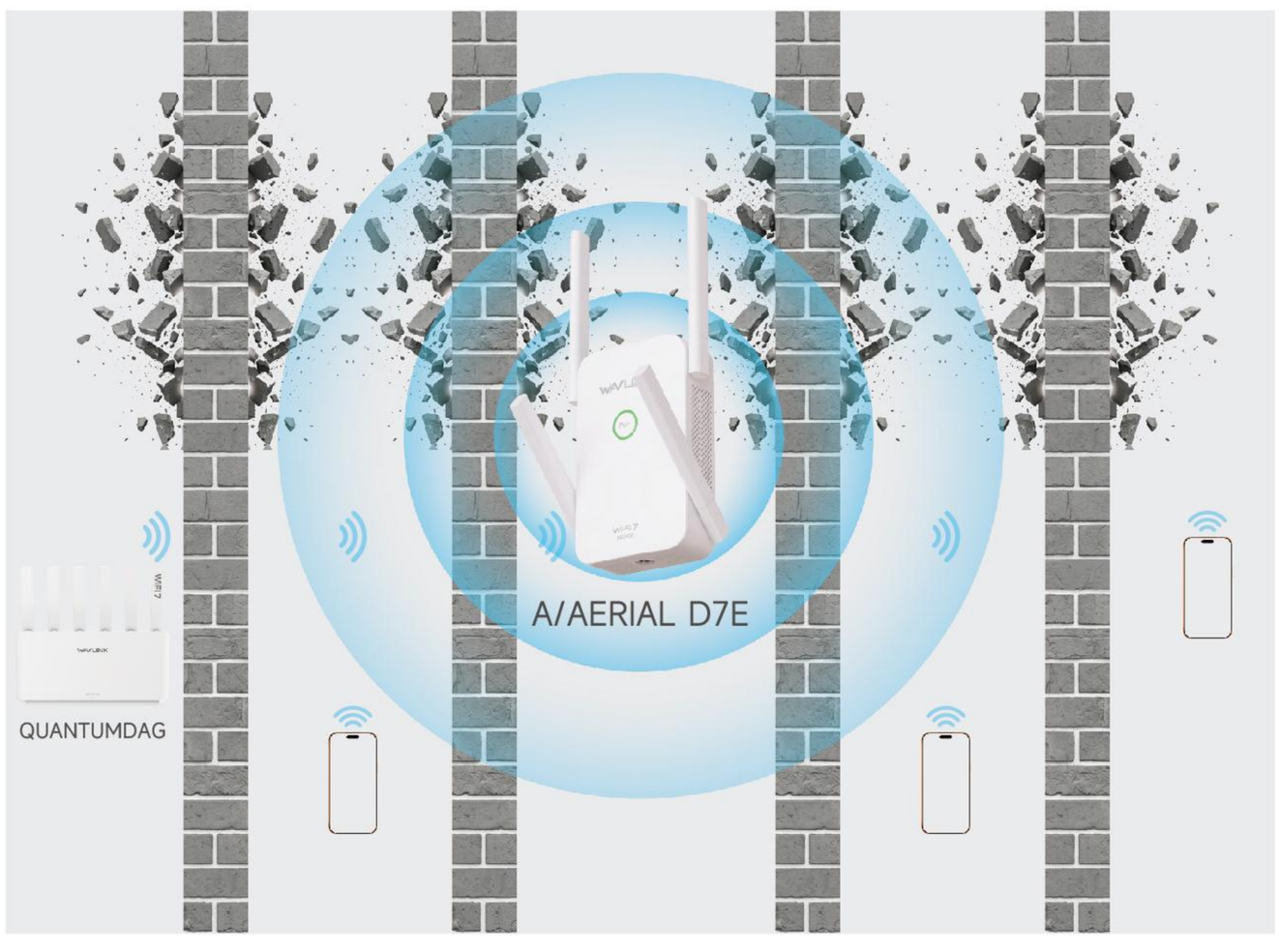

Product Name	WL-NW905G1	WL-NW908G1	WL-NW916G1	WL-NW924G1
Port	5×10/100/1000Mbps RJ45 Auto-Negotiation Auto MDI/MDIX	8×10/100/1000Mbps RJ45 Auto-Negotiation Auto MDI/MDIX	16×10/100/1000Mbps RJ45 Auto-Negotiation Auto MDI/MDIX	24×10/100/1000Mbps RJ45 Auto-Negotiation Auto MDI/MDIX
Switching Capacity	10Gbps	16Gbps	32Gbps	48Gbps
Packet Forwarding Rate	7.44Mpps	11.9Mpps	23.6Mpps	35.7Mpps
Chip Solution	RTL8367RB	RTL8370N-VB-CG	RTL8382L-VB-CG	RTL8382L-VB-CG
MAC Address Learning	Automatically Learning	Automatically Learning	Automatically Learning	Automatically Learning
Core Functions	Store-And-Forward, Auto MAC Address Learning, IEEE802.3x Flow Control, Line-Rate Forwarding	Store-And-Forward, Auto MAC Address Learning, Line-Rate Forwarding	Store-And-Forward, VLAN Partitioning, Port Mirroring, QoS, Line-Rate Forwarding	Store-And-Forward, VLAN Partitioning, Port Mirroring, QoS, Link Aggregation, Line-Rate Forwarding
Power Supply	DC 5V/1A	DC 5V/1A	AC 220V Internal Power Supply	AC 220V Internal Power Supply
Operating Temperature	0°C~40°C (Operating) -40°C~70°C（Storage）	0°C~40°C (Operating) -40°C~70°C（Storage）	0°C~40°C (Operating) -40°C~70°C（Storage）	0°C~40°C (Operating) -40°C~70°C（Storage）
Dimension (L×W×H)	93×68×25mm	136×74×24mm	280×180×44mm	440×180×44mm





Key Features

- 2.4GHz 1376Mbps + 5GHz 5765Mbps
- Fully Supports IEEE 802.11-be/ax/ac/a/n/g/bStandards
- 4x4 MU-MIMO & OFDMA
- 160MHz Bandwidth & 4096-QAM
- 4x5dBi High-Gain Omnidire-ctional Antennas



Wireless Performance

- Reception Sensitivity: -93dBm
- Antennas: 4x5dBi 2.4GHz&5GHz Omni Antennas
- Coverage: 300m Outdoor, 100m Indoor
- Seamless Roaming: Support Everything Mesh

Repeater

Wi-Fi 7 BE7200 / 5100 / 3600; Wi-Fi 6 AX3000; Wi-Fi 5 AC1200






Model	ORA E8	ORA E7	ORA E6	ORA E5
Wi-Fi Technology	Wi-Fi 7 BE7200 Dual-Radio 2.4 / 5GHz 8 Spatial Streams	Wi-Fi 7 BE5100 Dual-Radio 2.4 / 5GHz 5 Spatial Streams	Wi-Fi 7 BE3600 Dual-Radio 2.4 / 5GHz 4 Spatial Streams	Wi-Fi 6 AX3000 Dual-Radio 2.4 / 5GHz 4 Spatial Streams
CPU	ARM Cortex-A53 Quad-Core Processor, 2.0GHz	ARM Cortex-A53 Quad-Core Processor, 2.0GHz	ARM Cortex-A53 Dual-Core Processor, 2.0GHz	ARM Cortex-A53 Dual-Core Processor, 1.3GHz
Wireless Rate	2.4GHz: 1376Mbps; 5GHz: 5765Mbps	2.4GHz: 688Mbps; 5GHz: 4323Mbps	2.4GHz: 688Mbps; 5GHz: 2882Mbps	2.4GHz: 574Mbps; 5GHz: 2402Mbps
Dimensions	130×78×39.5mm	130×78×39.5mm	130×78×39.5mm	130×78×39.5mm
Antenna Type	Omni-Directional Antennas 4×5dBi+2×5dBi	Omni-Directional Antennas 4×5dBi	Omni-Directional Antennas 4×5dBi	Omni-Directional Antennas 4×5dBi
Coverage	2000 sq.ft.	1500 sq.ft.	1500 sq.ft.	1500 sq.ft.
Concurrent Devices	300	180	120	80
Power Method	100-240 Va.c. 50/60Hz	100-240 Va.c. 50/60Hz	100-240 Va.c. 50/60Hz	100-240 Va.c. 50/60Hz
Interfaces	1 × 2.5Gbps RJ45 Port	1 × 2.5Gbps RJ45 Port	1 × 2.5Gbps RJ45 Port	1 × 1Gbps RJ45 Port
Operation Modes	Wi-Fi Router; Access Point; Range Extender	Wi-Fi Router; Access Point; Range Extender	Wi-Fi Router; Access Point; Range Extender	Wi-Fi Router; Access Point; Range Extender;
Everything Mesh	√	√	√	√






Model	AERIAL D6XH	AERIAL D6X	ORA E4	AERIAL D4A
Wi-Fi Technology	Wi-Fi 6 AX3000 Dual-Radio 2.4 / 5GHz 4 Spatial Streams	Wi-Fi 6 AX3000 Dual-Radio 2.4 / 5GHz 4 Spatial Streams	Wi-Fi 5 AC1200 Dual-Radio 2.4 / 5GHz 4 Spatial Streams	Wi-Fi 5 AC1200 Dual-Radio 2.4 / 5GHz 4 Spatial Streams
CPU	ARM Cortex-A53 Dual-Core Processor, 1.3GHz	ARM Cortex-A53 Dual-Core Processor, 1.3GHz	MIPS Dual-Core Processor, 880MHz	MIPS Single-Core Processor, 580MHz
Wireless Rate	2.4GHz: 574Mbps; 5GHz: 2402Mbps	2.4GHz: 574Mbps; 5GHz: 2402Mbps	2.4GHz: 300Mbps; 5GHz: 867Mbps	2.4GHz: 300Mbps; 5GHz: 867Mbps
Dimensions	159×73.6×43mm	159×73.6×43mm	105×63×39.5mm	72×50×25mm
Antenna Type	Omni-Directional Antennas 5×5dBi+1×5dBi	Omni-Directional Antennas 5×5dBi+1×5dBi	Omni-Directional Antennas 4×5dBi	Omni-Directional Antennas 4×3dBi
Coverage	2000 sq.ft.	1500 sq.ft.	1500 sq.ft.	800 sq.ft.
Concurrent Devices	80	80	60	35
Power Method	100-240 Va.c. 50/60Hz	100-240 Va.c. 50/60Hz	100-240 Va.c. 50/60Hz	100-240 Va.c. 50/60Hz
Interfaces	1 × 1Gbps RJ45 Port	1 × 1Gbps RJ45 Port	1 × 1Gbps RJ45 Port	1 × 100Mbps RJ45 Port
Operation Modes	Wi-Fi Router; Access Point; Range Extender; Mesh Router; Mesh AP	Wi-Fi Router; Access Point; Range Extender; Mesh Router; Mesh AP	Wi-Fi Router; Access Point; Range Extender; Mesh Router; Mesh AP	Wi-Fi Router; Access Point; Range Extender
Everything Mesh	√	√	√	x

Repeater

Wi-Fi 5 AC1200; Wi-Fi 4 N300







Model	ORA E3	ORA E2	ORA E1
Wi-Fi Technology	Wi-Fi 5 AC1200 Dual-Radio 2.4 / 5GHz 4 Spatial Streams	Wi-Fi 4 N300 2.4GHz 2 Spatial Streams	Wi-Fi 4 N300 2.4GHz 2 Spatial Streams
CPU	MIPS Single-Core Processor, 580MHz	MIPS Single-Core Processor, 580MHz	MIPS Single-Core Processor, 580MHz
Wireless Rate	2.4GHz: 300Mbps; 5GHz: 867Mbps	2.4GHz: 300Mbps	2.4GHz: 300Mbps
Dimensions	105×63×39.5mm	105×63×39.5mm	105×63×39.5mm
Antenna Type	Omni-Directional Antennas 4×5dBi	Omni-Directional Antennas 2×5dBi	Omni-Directional Antennas 2×5dBi
Coverage	1500 sq.ft.	1500 sq.ft.	800 sq.ft.
Concurrent Devices	35	10	10
Power Method	100-240 Va.c. 50/60Hz	100-240 Va.c. 50/60Hz	100-240 Va.c. 50/60Hz
Interfaces	1 × 100Mbps RJ45 Port	1 × 100Mbps RJ45 Port	1 × 100Mbps RJ45 Port
Operation Modes	Wi-Fi Router; Access Point; Range Extender	Wi-Fi Router; Access Point; Range Extender	Wi-Fi Router; Access Point; Range Extender
Everything Mesh	x	x	x



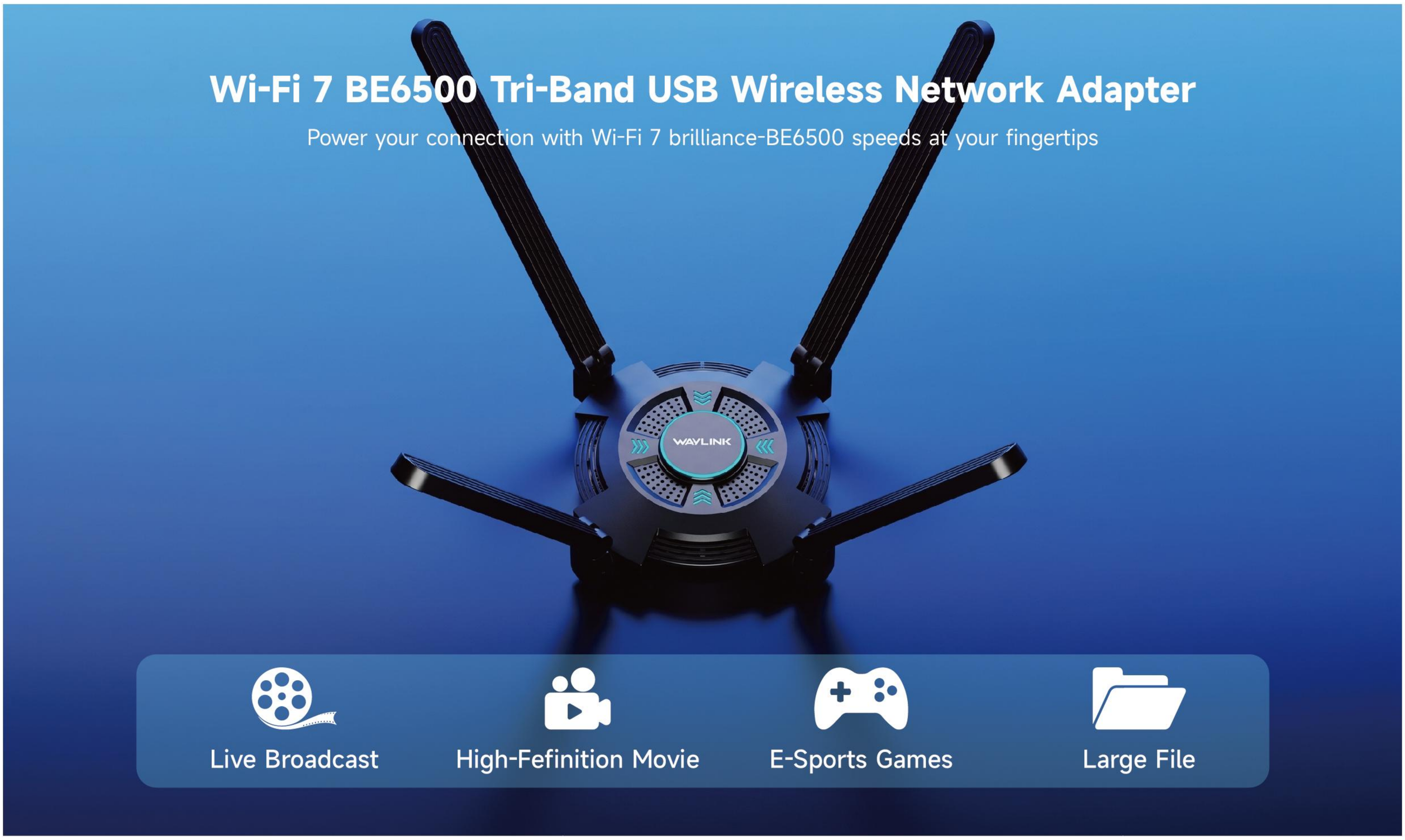




Model	AERIAL S2H	WL-WN519N2-A	WL-WN523N2-D1
Wi-Fi Technology	Wi-Fi 4 N300 2.4GHz 2 Spatial Streams	Wi-Fi 4 N300 2.4GHz 2 Spatial Streams	Wi-Fi 4 N300 2.4GHz 2 Spatial Streams
CPU	MIPS Single-Core Processor, 580MHz	MIPS Single-Core Processor, 580MHz	MIPS Single-Core Processor, 580MHz
Wireless Rate	2.4GHz: 300Mbps	2.4GHz: 300Mbps	2.4GHz: 300Mbps
Dimensions	75×53×41mm	41.99×41.99×33mm	75×50×33mm
Antenna Type	Omni-Directional Antennas 2×3dBi	Omni-Directional Antennas 2×3dBi	Omni-Directional Antennas 2×3dBi
Coverage	600 sq.ft.	600 sq.ft.	600 sq.ft.
Concurrent Devices	10	10	10
Power Method	100-240 Va.c. 50/60Hz	100-240 Va.c. 50/60Hz	100-240 Va.c. 50/60Hz
Interfaces	1 × 100Mbps RJ45 Port	1 × 100Mbps RJ45 Port	1 × 100Mbps RJ45 Port
Operation Modes	Wi-Fi Router; Access Point; Range Extender	Wi-Fi Router; Access Point; Range Extender	Wi-Fi Router; Access Point; Range Extender
Everything Mesh	x	x	x

Wi-Fi 7 BE6500 Tri-Band USB Wireless Network Adapter

Power your connection with Wi-Fi 7 brilliance-BE6500 speeds at your fingertips





Cutting-edge technology

Wi-Fi 7 – congestion-free, with speeds of up to 6.5Gbps



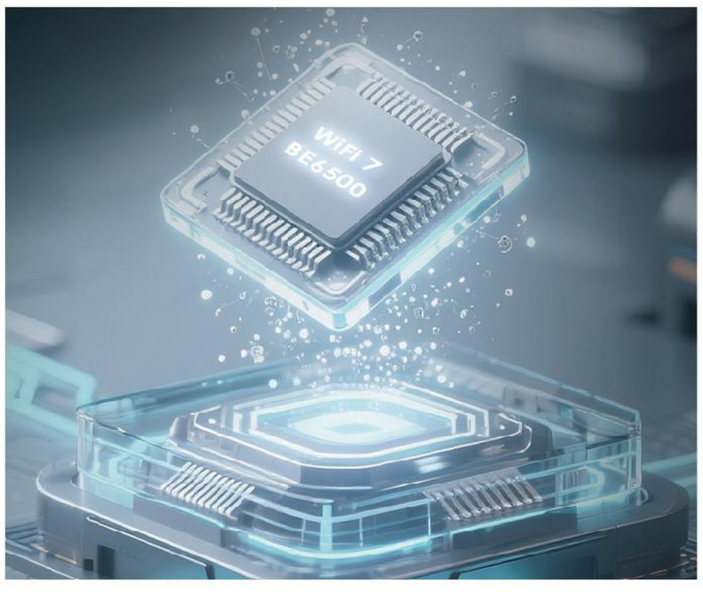
Enhanced security

WPA3 offers the latest security enhancements for personal password protection



Ultra-fast USB 3.0

Transfer speeds up to 10 times faster than USB 2.0



Flexible and Easy Installation

The WN695BE2 BE6500 comes with pre-installed drivers and is plug-and-play



Better Signals & Coverage

4x5 dBi Antennas provide extended range and improved coverage





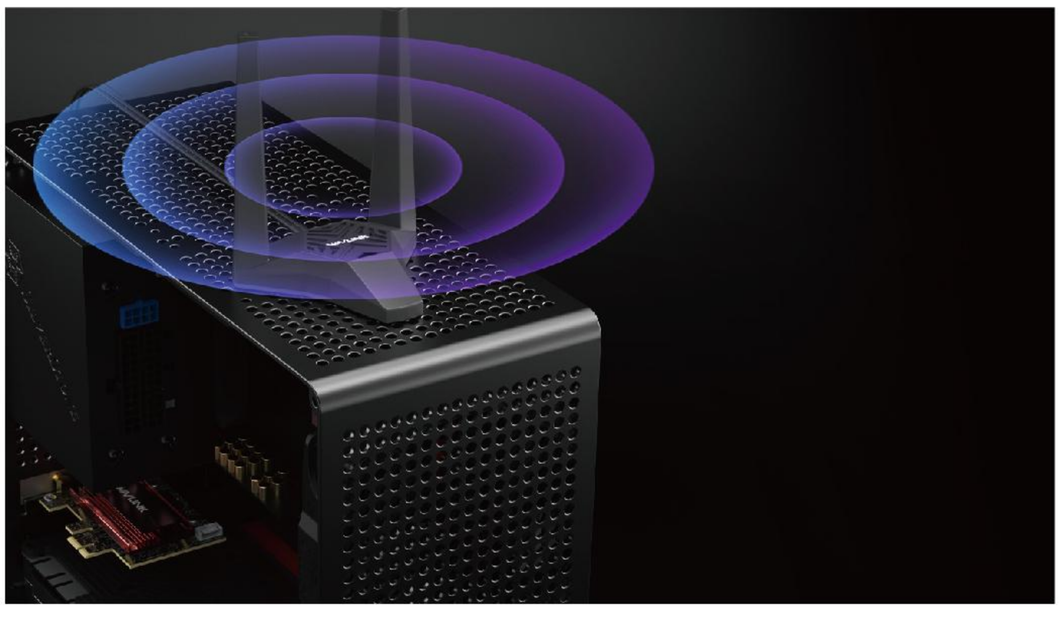
Unmatched Tri-Band Speed

Takes your Wi-Fi to the next level with tri-band capability, meet the use of high bit rate 4K/8K video, VR/AR applications, etc.



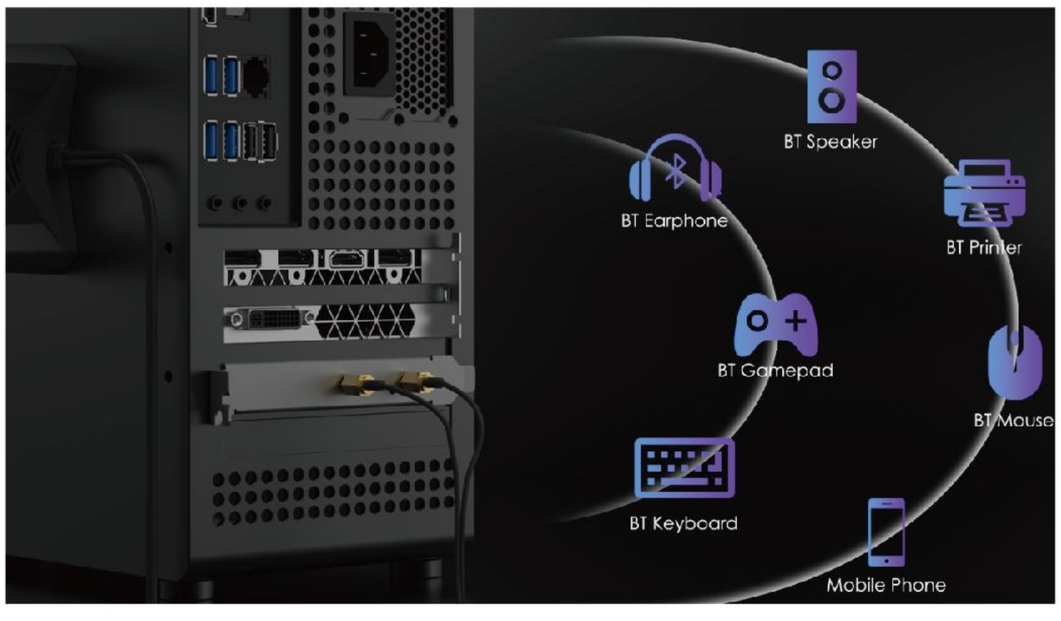
PCIe Direct-to-CPU Design

Direct connection for a fully optimized data path, delivering lossless transmission and unlocking true peak performance



Antennas with Magnetic Base

Easily find the optimal location for the strongest Wi-Fi signal with adjustable, high-performance antennas with magnetic base



Wi-Fi + Bluetooth in One Device

Solve the problem of a poor signal by achieving 2x quicker speeds and 4x greater coverage than Bluetooth 4.0

USB/PCIe Ethernet Adapter

USB-C 10 Gigabit Ethernet Adapter

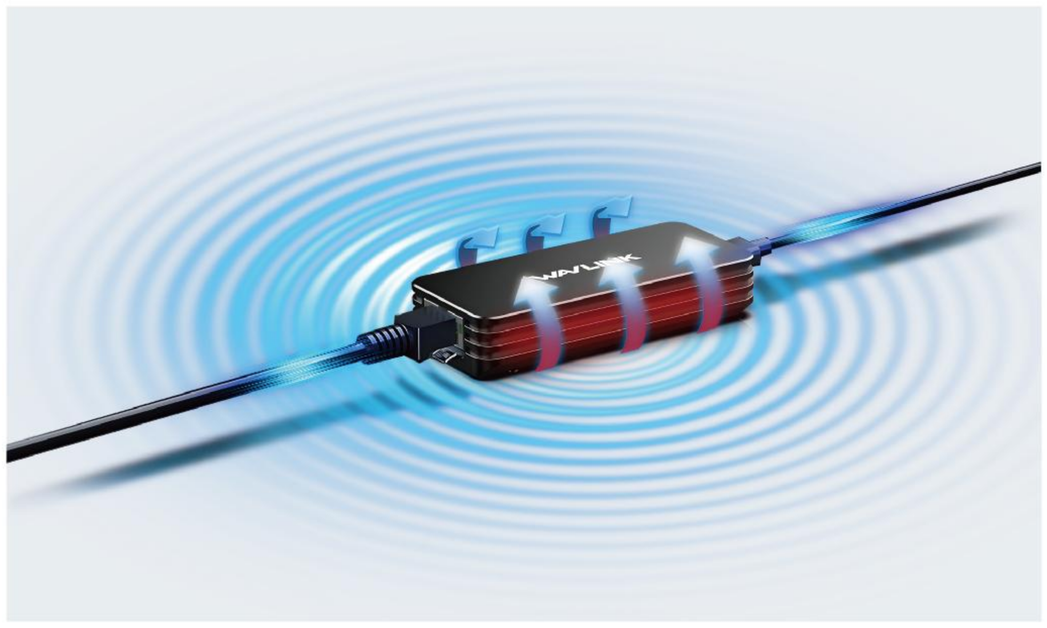
PID: WL-NWU344G



USB3.2 Gen2
20Gbps to Host

WOL Wake-on-LAN (WOL)
Remote Wake-Up, Anytime Access

16KB Jumbo Frame
High Efficiency



Heat Dissipation

Premium aluminum alloy casing with cooling fins for silent, efficient heat dissipation and stable performance.



Wide Compatibility

Compatible with laptops, desktops and tablets, supporting USB4/USB 3.2/USB 3.0/USB 2.0 interfaces for universal connectivity.



10X Faster: 10GbE for NAS Backups, 4K/8K Streaming & Large File Transfers



Compact design for easy portability.

USB Ethernet Adapters

Wi-Fi 7 BE6500; Wi-Fi 6E AX5400 / 1800 / 900 / 300






Model	Vitesse Ultra 3	Vitesse Ultra 65	Vitesse Ultra	Vitesse Pro54
Wi-Fi Technology	Wi-Fi 7 BE6500 Tri-Radio 2.4 / 5 / 6GHz	Wi-Fi 7 BE6500 Tri-Radio 2.4 / 5 / 6GHz	Wi-Fi 6E AX5400 Tri-Radio 2.4 / 5 / 6GHz	Wi-Fi 6E AX5400 Tri-Radio 2.4 / 5 / 6GHz
Wireless Rate	2.4GHz: 688Mbps 5GHz: 2882Mbps 6GHz: 2882Mbps	2.4GHz: 688Mbps 5GHz: 2882Mbps 6GHz: 2882Mbps	2.4GHz: 574Mbps 5GHz: 2400Mbps 6GHz: 2400Mbps	2.4GHz: 574Mbps 5GHz: 2400Mbps 6GHz: 2400Mbps
Interfaces	USB 3.0	USB 3.0	USB 3.0	USB 3.0
Antenna Type	4 × High-Gain Antennas	High-Gain Antennas	4 × High-Gain Antennas	4 × High-Gain Antennas
Supported Operating Systems	Windows 10/11	Windows 10/11	Windows 10/11	Windows 10/11
Bluetooth	/	/	/	/





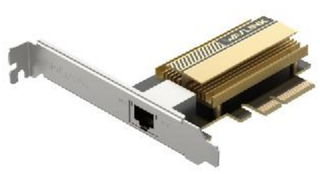

Model	Vitesse Pro 2	Vitesse Pro 3	WL-WN681X2BEF	WL-WN681X2BF
Wi-Fi Technology	Wi-Fi 6 AX1800 Dual-Band 2.4 / 5GHz	Wi-Fi 6 AX1800 Dual-Band 2.4 / 5GHz	Wi-Fi 6 AX900 Dual-Band 2.4 / 5GHz	Wi-Fi 6 AX900 Dual-Band 2.4 / 5GHz
Wireless Rate	2.4GHz: 574Mbps 5GHz: 1200Mbps	2.4GHz: 574Mbps 5GHz: 1200Mbps	2.4GHz: 300Mbps 5GHz: 600Mbps	2.4GHz: 300Mbps 5GHz: 600Mbps
Interfaces	USB 3.0	USB 3.0	USB 2.0	USB 2.0
Antenna Type	4 × High-Gain Antennas	High-Gain Antennas	External Antenna	Omnidirectional Antennas
Supported Operating Systems	Windows 7/10/11	Windows 7/10/11	Windows 7/10/11	Windows 7/10/11
Bluetooth	/	/	5.4	5.4





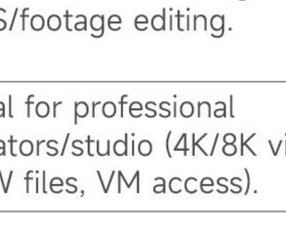
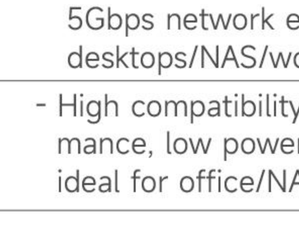
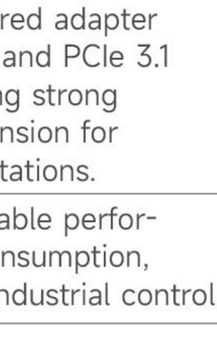

Model	WL-WN681XEF-A	WL-WN681X1F-A	WL-WN692A3	WL-WN681A1
Wi-Fi Technology	Wi-Fi 6 AX300 Dual-Band 2.4GHz	Wi-Fi 6 AX300 Dual-Band 2.4GHz	Wi-Fi 5 AC1300 Dual-Band 2.4	Wi-Fi 5 AC600 Dual-Band 2.4
Wireless Rate	2.4GHz: 300Mbps	2.4GHz: 300Mbps	2.4GHz: 400Mbps 5GHz: 867Mbps	2.4GHz: 150Mbps 5GHz: 433Mbps
Interfaces	USB 2.0	USB 2.0	USB 3.0	USB 2.0
Antenna Type	External Antenna	Omni-Directional Antennas	Omni-Directional Antennas	Omnidirectional Antennas
Supported Operating Systems	Windows 7/10/11	Windows 7/10/11	Windows 7/8/8.1/10/11	Windows 7/10/11
Bluetooth	/	/	/	/

USB Ethernet Adapter






Model	WL-NWP004	WL-NWP003	WL-NWU344G	WL-NWU342G
Dimensions	- 91*120*18.5MM	- 71*120*18.5MM	- 78*34*15.4MM	- 89.7*60.8*23.1MM
Interface	- RJ45 10GbE + PCIe3.1 X4	- RJ45 5GbE + PCIe3.1 X1	- RJ45 10GbE + USB-C 20G HOST	- RJ45 10GbE + USB4 HOST
Overview	- 10Gbps bandwidth, 10x faster than Gigabit; real transfer up to 1000MB/s+ for large files/ NAS/footage editing.	- 5Gbps high-speed wired adapter with Realtek chipset and PCIe 3.1 x1 interface, delivering strong 5Gbps network expansion for desktops/NAS/workstations.	- USB 10Gbps wired adapter, plug-and-play for 10Gbps network upgrade.	- USB4 10Gbps RJ45 port, full bandwidth without bottlenecks.
	- Ideal for professional creators/studio (4K/8K video, RAW files, VM access).	- High compatibility, stable performance, low power consumption, ideal for office/NAS/industrial control.	- 10x faster than Gigabit, ideal for NAS/large files/4K/8K transfer.	- Compatible with Thunderbolt 5/4/3 for stable high speed.
	- High-speed NAS access for multi-user collaboration.	- Supports 5G/2.5G/1G/100Mbps auto-negotiation for smooth upgrade.	- No disassembly needed, works with laptops/desktops/ tablets with stable, low-latency performance.	- 10Gbps full-speed transmission, dedicated for NAS/footage editing.
	- Low latency for gaming/live streaming/ cloud services.	- Easy installation, compatible with Windows/Linux, plug-and-play for cost-effective upgrade.	/	/
	- Backward compatible with 5G/2.5G/1G/100M networks.	/	/	/
Product Accessories	- Low-Profile Bracket	- Low-Profile Bracket	- USB3.2 GEN2 50CM C To C Cable	- USB4 50CM C To C Cable



Model	WL-NWU340GD	WL-NWU340G	WL-NWU330GD	WL-NWU330GC	WL-NWU331GC
Dimensions	93.41*34.89*17MM	91*120*18.5MM	93.41*34.89*17MM	67*27*15MM	67*27*13.7MM
Interface	- RJ45 5GbE + USB-C Cable(PD95W)	RJ45 5GbE + USB-C Cable	RJ45 2.5GbE + USB-C Cable(supporting PD95W)	RJ45 2.5GbE + USB-C Cable	RJ45 2.5GbE + USB-C Cable
Overview	- USB-C 5Gbps adapter + PD95W reverse charging, solves internet access and power supply in one cable.	- 5Gbps stable high speed, 5x faster than Gigabit for NAS/large file transfer.	- USB-C 2.5G high-speed network adapter + PD 95W reverse charging — one cable for both internet and power.	- USB-C 2.5G high-speed network adapter.	- USB-C 2.5G high-speed network adapter.
	- 5Gbps stable high speed, 5x faster than Gigabit for NAS/large file transfer.	- Universal for laptops/tablets/-phones, plug-and-play.	- Stable 2.5Gbps high speed, 2.5x faster than Gigabit, for more efficient NAS and large-file transfers.	- Stable 2.5Gbps high speed, 2.5x faster than Gigabit — more efficient for NAS and large file transfers.	- Stable 2.5Gbps high speed, 2.5x faster than Gigabit — more efficient for NAS and large file transfers.
	- Universal for laptops/tablets/phones.		- Compatible with laptops, tablets, and phones; plug-and-play with no extra power supply required, for a cleaner setup.	- Compatible with laptops, tablets, and phones; plug-and-play with no extra power supply needed for a cleaner setup.	- Compatible with laptops, tablets, and phones; plug-and-play, no extra power supply required, for a cleaner setup.
	- Plug-and-play, no external power needed.				
Product Accessories	/				

PCIe Ethernet Adapters

Wi-Fi 7 BE8800 / 6500； Wi-Fi 6E AX5400







Model	WL-WN685BE3M	WL-WN922BE3M	WL-WN675X3M
Wi-Fi Technology	Wi-Fi 7 BE8800 Tri-Radio 2.4 / 5 / 6GHz	Wi-Fi 7 BE6500 Tri-Radio 2.4 / 5 / 6GHz	Wi-Fi 6E AX5400 2.4, 5, 6GHz (160MHz)
Wireless Rate	2.4GHz: 574Mbps 5GHz: 2400Mbps 6GHz: 5800Mbps	2.4GHz: 688Mbps 5GHz: 2882Mbps 6GHz: 2882Mbps	2.4GHz: 574Mbps 5GHz: 2400Mbps 6GHz: 2400Mbps
Interfaces	PCIE-16X/PCIE-4X PCIE-8X/PCIE-1X	PCIE-16X/PCIE-4X PCIE-8X/PCIE-1X	PCIE-16X/PCIE-4X PCIE-8X/PCIE-1X
Antenna Type	/	/	/
Supported Operating Systems	Windows 11*, Windows 10*, Linux*	Windows 11*	Windows 11, 64-bit*, Windows 10, 64-bit*, Linux*
Bluetooth	/	/	/







Model	Vitesse Pro3	WL-WN922BE3S	Vitesse Air
Wi-Fi Technology	Wi-Fi 7 BE8800 Tri-Radio 2.4 / 5 / 6GHz	Wi-Fi 7 BE6500 Tri-Radio 2.4 / 5 / 6GHz	Wi-Fi 6E AX5400 2.4, 5, 6GHz (160MHz)
Wireless Rate	2.4GHz: 574Mbps 5GHz: 2400Mbps 6GHz: 5800Mbps	2.4GHz: 688Mbps 5GHz: 2882Mbps 6GHz: 2882Mbps	2.4GHz: 574Mbps 5GHz: 2400Mbps 6GHz: 2400Mbps
Interfaces	PCIE-16X/PCIE-4X PCIE-8X/PCIE-1X	PPCIE-16X/PCIE-4X PCIE-8X/PCIE-1X	PCIE-16X/PCIE-4X PCIE-8X/PCIE-1X
Antenna Type	2 × Detachable Antennas on a Magnetic Base(SMA male)	2 × Detachable Antennas on a Magnetic Base(SMA male)	2 × Detachable Antennas on a Magnetic Base(SMA male)
Supported Operating Systems	Windows 11*, Windows 10*, Linux*	Windows 11*	Windows 11, 64-bit*, Windows 10, 64-bit*, Linux*
Bluetooth	5.4	5.4	5.4









Model	WL-WN685BE3-A	WL-WN922BE3	WL-WN675X3	WL-WN675X3G
Wi-Fi Technology	Wi-Fi 7 BE8800 Tri-Radio 2.4 / 5 / 6GHz	Wi-Fi 7 BE6500 Tri-Radio 2.4 / 5 / 6GHz	Wi-Fi 6E AX5400 2.4, 5, 6GHz (160MHz)	Wi-Fi 6E AX5400 2.4, 5, 6GHz (160MHz)
Wireless Rate	2.4GHz: 574Mbps 5GHz: 2400Mbps 6GHz: 5800Mbps	2.4GHz: 688Mbps 5GHz: 2882Mbps 6GHz: 2882Mbps	2.4GHz: 574Mbps 5GHz: 2400Mbps 6GHz: 2400Mbps	2.4GHz: 574Mbps 5GHz: 2400Mbps 6GHz: 2400Mbps
Interfaces	PCIE-16X/PCIE-4X PCIE-8X/PCIE-1X	PCIE-16X/PCIE-4X PCIE-8X/PCIE-1X	PCIE-16X/PCIE-4X PCIE-8X/PCIE-1X	PCIE-16X/PCIE-4X PCIE-8X/PCIE-1X
Antenna Type	External High-Gain Antenna with Magnetic Base	External High-Gain Antenna with Magnetic Base	External High-Gain Antenna with Magnetic Base	External High-Gain Antenna with Magnetic Base
Supported Operating Systems	Windows 11*, Windows 10*, Linux*	Windows 11*	Windows 11, 64-bit*, Windows 10, 64-bit*, Linux*	Windows 11, 64-bit*, Windows 10, 64-bit*, Linux*
Bluetooth	5.4	5.4	5.4	5.4

PCIe Adapters

Wi-Fi 7 BE8800 / 6500; Wi-Fi 6E AX5400







Model	WL-WN685BE3-B	WL-WN922BE3-B	WL-WN675X3-C
Wi-Fi Technology	Wi-Fi 7 BE8800 Tri-Radio 2.4 / 5 / 6GHz	Wi-Fi 7 BE6500 Tri-Radio 2.4 / 5 / 6GHz	Wi-Fi 6E AX5400 2.4, 5, 6GHz (160MHz)
Wireless Rate	2.4GHz: 574Mbps 5GHz: 2400Mbps 6GHz: 5800Mbps	2.4GHz: 688Mbps 5GHz: 2882Mbps 6GHz: 2882Mbps	2.4GHz: 574Mbps 5GHz: 2400Mbps 6GHz: 2400Mbps
Interfaces	PCIE-16X/PCIE-4X PCIE-8X/PCIE-1X	PCIE-16X/PCIE-4X PCIE-8X/PCIE-1X	PCIE-16X/PCIE-4X PCIE-8X/PCIE-1X
Antenna Type	2 × Detachable Antennas	2 × Detachable Antennas	2 × Detachable Antennas
Supported Operating Systems	Windows 11*, Windows 10*, Linux*	Windows 11*	Windows 11, 64-bit*, Windows 10, 64-bit*, Linux*
Bluetooth	5.4	5.4	5.4







Model	WL-WN685BE3-C	WL-WN922BE3-C	WL-WN675X3-D
Wi-Fi Technology	Wi-Fi 7 BE8800 Tri-Radio 2.4 / 5 / 6GHz	Wi-Fi 7 BE6500 Tri-Radio 2.4 / 5 / 6GHz	Wi-Fi 6E AX5400 2.4, 5, 6GHz (160MHz)
Wireless Rate	2.4GHz: 574Mbps 5GHz: 2400Mbps 6GHz: 5800Mbps	2.4GHz: 688Mbps 5GHz: 2882Mbps 6GHz: 2882Mbps	2.4GHz: 574Mbps 5GHz: 2400Mbps 6GHz: 2400Mbps
Interfaces	PCIE-16X/PCIE-4X PCIE-8X/PCIE-1X	PCIE-16X/PCIE-4X PCIE-8X/PCIE-1X	PCIE-16X/PCIE-4X PCIE-8X/PCIE-1X
Antenna Type	2 × Tri-Band Antennas	2 × Tri-Band Antennas	2 × Tri-Band Antennas
Supported Operating Systems	Windows 11*, Windows 10*, Linux*	Windows 11*	Windows 11, 64-bit*, Windows 10, 64-bit*, Linux*
Bluetooth	5.4	5.4	5.4







Model	WL-WN685BE3-CL	WL-WN922BE3-CL	WL-WN675X3-DL
Wi-Fi Technology	Wi-Fi 7 BE8800 Tri-Radio 2.4 / 5 / 6GHz	Wi-Fi 7 BE6500 Tri-Radio 2.4 / 5 / 6GHz	Wi-Fi 6E AX5400 2.4, 5, 6GHz (160MHz)
Wireless Rate	2.4GHz: 574Mbps 5GHz: 2400Mbps 6GHz: 5800Mbps	2.4GHz: 688Mbps 5GHz: 2882Mbps 6GHz: 2882Mbps	2.4GHz: 574Mbps 5GHz: 2400Mbps 6GHz: 2400Mbps
Interfaces	PCIE-16X/PCIE-4X PCIE-8X/PCIE-1X	PCIE-16X/PCIE-4X PCIE-8X/PCIE-1X	PCIE-16X/PCIE-4X PCIE-8X/PCIE-1X
Antenna Type	2 × Tri-Band Antennas	2 × Tri-Band Antennas	2 × Tri-Band Antennas
Supported Operating Systems	Windows 11*, Windows 10*, Linux*	Windows 11*	Windows 11, 64-bit*, Windows 10, 64-bit*, Linux*
Bluetooth	5.4	5.4	5.4