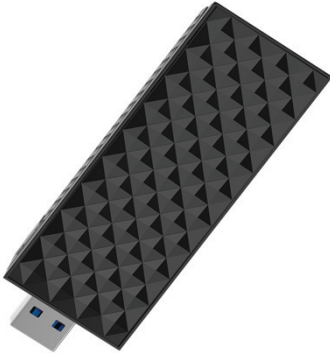




Nighthawk® WiFi 7 Tri-Band USB 3.0 Adapter (for Windows 11 PC)



Upgrade to WiFi 7 via USB

Boost the performance of your Windows 11 PC with an instant WiFi upgrade to the latest Tri-Band WiFi 7 technology. Enjoy faster and more reliable WiFi for the ultimate in 4K/8K streaming, smooth video conferences, online gaming, and more. Featuring shared tri-band, the A8500 auto-senses the right band for your device: 2.4 GHz, 5 GHz, or the 6 GHz express lane for WiFi 7 devices¹. Find the best WiFi signal and coverage with the flip-open antenna.

Key Features

- **WiFi 7 from the WiFi Leader¹**—Plug in and access cutting-edge WiFi 7 to enjoy superior WiFi speed, capacity, and bandwidth over WiFi 6—where reception is weak. No network card or ISP plan is needed. Just connect to your USB 3.0 port.
- **Tri-Band Performance & Speeds²**—Featuring shared tri-band, the A8500 auto-senses your device's technology and connects to the right band: 2.4 GHz, 5 GHz, or 6 GHz.
- **6 GHz Express Lane¹**—The newest WiFi 7 devices access the exclusive 6 GHz express lane, for turbo-charged speeds and next-level performance.
- **Future-proofed & Backward Compatible WiFi³**—This WiFi 7 adapter supports the WiFi platforms of all your tech devices—today's, tomorrow's, and yesterday's—for ultimate ease of use.
- **Flip-open Antenna Design**—Easily adjust the flexible antenna to find the strongest signal and best coverage near your computer. Two (2) internal high-gain antennas improve performance.
- **Super-speed USB 3.0**—Get a faster USB connection to your computer—up to 10 times faster than USB 2.0.
- **Compatible with Any WiFi Router**—Connects to any router, though a WiFi 7 router is required to gain the optimal WiFi 7 speed and features. Works best with the NETGEAR Nighthawk Ecosystem and Orbi mesh products.

Technical Specifications

- WiFi 7 (IEEE® 802.11be) (BE5000)⁴
 - 2.4 GHz up to 688 Mbps
 - 5 GHz up to 1441 Mbps
 - 6 GHz up to 2882 Mbps¹
- USB 3.0—Up to 10 times faster than USB 2.0
- MU-MIMO⁵—2-stream MU-MIMO on each band (2.4GHz/5GHz/6GHz)¹
- OFDMA—Allows efficient data transmission to devices simultaneously⁶
- Beamforming+—Improves range and performance for 2.4GHz, 5GHz & 6GHz devices

Security

- WPA3—Latest and cutting-edge WiFi security protocol



Nighthawk® WiFi 7 Tri-Band USB 3.0 Adapter

Package Contents

- Wireless BE5000 WiFi 7 USB 3.0 Adapter (A8500) with flippable antenna design
- Installation USB thumb drive
- Quick start guide

System Requirements

- Windows OS computer (for Windows 11)
- Best performance with USB 3.0; compatible with USB 2.0
- Windows 11 and above (WiFi 7 features & 6GHz require Windows 11)

Support

- 90-day complimentary technical support⁵

Warranty

- www.NETGEAR.com/warranty

Physical Specifications

- Adapter Dimensions & Weight
 - Dimensions: 3.66 x 1.24 x 0.57 in (93.0 x 31.4 x 14.45 mm)
 - Weight: 0.99 oz (28 g)



¹ WiFi 7 features require use with Wireless Router/Gateway that supports WiFi 7 and/or 6 GHz band. 6 GHz band is limited to indoor range.

² Bands are not concurrent, but alternate depending on the fastest speed needed for the connected devices.

³ WiFi 7 features & 6GHz band are only supported by Windows 11 and above.

⁴ Maximum wireless signal rate derived from IEEE® 802.11 specifications. Actual data throughput and wireless coverage will vary and be lowered by network and environmental conditions, including network traffic volume, device limitations, and building construction. NETGEAR makes no representations or warranties about this product's compatibility with future standards.

⁵ MU-MIMO capability requires both router and client device to support MU-MIMO.

⁶ Requires compatible routers with DL-OFDMA and UL-OFDMA support.

⁵ 90-day complimentary technical support following purchase from authorized reseller.

The country settings must be set to the country where the device is operating.

For regulatory compliance information, visit www.NETGEAR.com/about/regulatory