



Product Highlights

- Maximum Speed Wi-Fi – Up to 600 Mbps speeds with 200Mbps on 2.4GHz and 433 Mbps on 5GHz
- Support Wi-Fi 802.11 AC Technology
- Supports Bluetooth 4.2
- Supports Windows 11/10/8.1/8/7 for Wi-Fi, Windows 11/10/8.1/7 for Bluetooth
- Dual Band Wireless – 2.4GHz and 5GHz band



DWA-171B

AC600 Nano Wi-Fi Bluetooth 4.2 USB Adapter

Features

- High Speed Wi-Fi – Up to 600Mbps speeds with 200Mbps on 2.4GHz and 433 Mbps on 5GHz, upgrades your devices to higher AC Wi-Fi speed.
- 802.11ac Support – Wi-Fi technology that is 3 times faster than 802.11n.
- Bluetooth 4.2 - Turns your non-bluetooth PC or laptop into bluetooth-capable.
- BLE Technology – Bluetooth Low Energy technology for energy-saving wireless connectivity.
- Nano design – Small, unobtrusive design allows you to plug it in and forget it is even there.
- Operating System – Supports Windows 11/10/8.1/8/7 for Wi-Fi, Windows 11/10/8.1/7 for bluetooth.
- Dual Band Wireless – 2.4GHz and 5GHz band for flexible connectivity, upgrades your devices to work with the latest dual-band Wi-Fi router for faster speed and extended range.

The DWA-171B is a USB adapter that combines Wi-Fi 5 and Bluetooth 4.2 technology to provide excellent Wi-Fi and Bluetooth performance for your computer. Upgrade your desktop to Wi-Fi 5 and Bluetooth in seconds, turning a PC or laptop without Bluetooth into a Bluetooth-enabled device. Simply connect your Bluetooth devices to the computer to use them.

Enjoy smoother 4K streaming, low-latency gaming, and ultra-fast download speeds. Connect the Wi-Fi signal to your router for better reception and a stable long-range connection. Wirelessly connect Bluetooth mice, keyboards, and headphones to free yourself from cables.

The DWA-171B receives Wi-Fi signals on two separate bands. Supporting 256QAM technology increases 2.4GHz data rate from 150Mbps to 200Mbps for 33% faster performance. Choose the 2.4GHz band for surfing and social media, and 5GHz band for HD streaming and lag-free gaming.

Technical Specification	
General	
Major Chipset	REALTEK RTL8821CU
Standard	IEEE 802.11b/g/n 2.4 GHz, IEEE 802.11a/n/ac 5 GHz Bluetooth 4.2
Wi-Fi Rates	5GHz 11ac: Up to 433 Mbps(dynamic) 11n: Up to 150 Mbps(dynamic) 11a: Up to 54 Mbps(dynamic) 2.4GHz 11n: Up to 200 Mbps(dynamic) 11g: Up to 54 Mbps(dynamic) 11b: Up to 11 Mbps(dynamic)
Interface	USB2.0
Antenna	Internal Antennas
Bandwidth	20MHz/40MHz/80MHz
Modulation Method	OFDM with BPSK, QPSK,16QAM,64QAM, 256QAM modulation.
Operation Mode	Infrastructure mode
Operation Range	Up to 100 meters in open space
OS Support	Win7/8/8.1/10/11 (Resource CD) Note:Win10 & Win11 Plug & Play
Security	WPA/WPA2/WPA3(Personal/Enterprise) encryption standards
Operating Temperature	0 to 40 °C (32 to 104 °F)
Storage Temperature	-20 to 70 °C (-4 to 158 °F)
Humidity	10% to 90% (non-condensing)
Certification	CE
Package Contents	AC600 NANO Wi-Fi Bluetooth4.2 USB Adapter, Quick Installation Guide, Warranty card, Resource CD