

Product Highlights

- AC1300 Dual-Band: 867 Mbps (5 GHz) + 400 Mbps (2.4 GHz)
- IEEE 802.11ac with MU-MIMO Technology
- Ultra-compact Nano Design
- USB 2.0 Plug-and-Play, no CD Driver required
- WPA3 security encryption
- Windows 11, 10, 8 and 7 compatible



DWA-182

AC1300 Dual-Band Wi-Fi USB Adapter

Features

- AC1300 Dual-Band Speed – Up to 867 Mbps (5 GHz) + 400 Mbps (2.4 GHz) for fast, flexible wireless connectivity.
- Dual Band Wireless – 802.11ac MU-MIMO enables simultaneous, efficient connectivity for multiple devices
- Nano Form Factor - Ultra-compact design sits flush with your PC, ideal for travel and everyday use.
- Plug-and-Play USB 2.0 – Simple setup with no CD required; built-in driver support for instant connectivity.
- WPA3 / WPA2 / WPA Security – Latest WPA3 encryption keeps your wireless network protected against modern threats.
- Dual Band Flexibility – Connects to less congested 5 GHz reliable 2.4 GHz band for optimal performance.
- Beamforming – Focuses wireless signal toward your device for better range and reliable connection.
- Wide Compatibility – Works seamlessly with Windows 11, 10, 8, and 7 out of the box.

The DWA-182 AC1300 Dual-Band Wi-Fi USB Adapter upgrades your desktop or laptop to the latest 802.11ac Wi-Fi 5 standard in seconds. Simply plug it into any available USB port and enjoy immediate wireless connectivity - no CD or manual driver installation required.

Powered by the Realtek RTL8812CU chipset, the DWA-182 supports MU-MIMO technology enabling multiple devices to communicate simultaneously without sacrificing speed. Whether streaming HD video, gaming online, or transferring large files, the DWA-182 delivers a consistently smooth experience.

The ultra-compact nano design ensures the adapter stays virtually hidden when connected, making it ideal for users on the move. Dual-band capability lets you choose between the faster 5 GHz band or the wider-reaching 2.4 GHz band.

Advanced WPA3 encryption provides the highest standard of Wi-Fi security, keeping your network and data protected. The DWA-182 is the ideal solution for fast, secure, and hassle-free wireless connectivity in a pocket-sized package.

Technical Specification		
General		
Major Chipset	Realtek RTL8812CU	
Standard	IEEE 802.11a/b/g/n/ac	
Wi-Fi Rates	5GHz 11ac: Up to 867 Mbps(dynamic) 11n: Up to 300 Mbps(dynamic) 11a: Up to 54 Mbps(dynamic)	2.4GHz 11n: Up to 400 Mbps(dynamic) 11g: Up to 54 Mbps(dynamic) 11b: Up to 11 Mbps(dynamic)
Interface	USB2.0	
Antenna	2T2R Internal Dual-Band Antenna	
Bandwidth	20MHz/40MHz/80MHz	
Modulation Method	OFDM with BPSK, QPSK, 16QAM, 64QAM, 256QAM modulation	
Operation Mode	Infrastructure mode	
MU-MIMO	Supported (2×2 MU-MIMO)	
OS Support	Windows 11, Windows 10, Windows 8, Windows 7	
Security	WEP, WPA, WPA2, WPA3 (Personal / Enterprise), WPA-PSK, WPA2-PSK	
Operating Temperature	0 to 40 °C (32 to 104 °F)	
Storage Temperature	-20 to 60 °C (-4 to 140 °F)	
Humidity	10% to 90% (non-condensing)	
Certification	CE	
Package Contents	DWA-182 AC1300 Dual-Band Wi-Fi USB Adapter, Quick Installation Guide, Warranty Card	