



## Range+ AC1200 Dual-Band Wireless Adapter

300 Mbps Wireless N (2.4 GHz) + 867 Mbps Wireless AC (5 GHz), USB 3.0

Part No.: [525572](#)

Maximize the Wireless Potential of Your Netbook, Laptop or Desktop PC

The Manhattan Wireless AC1200 Dual-Band USB Adapter helps you connect your netbook, laptop or desktop computer to a home or office dual-band wireless network. Capable of handling lightning-fast speeds of 867 Mbps\*, this USB adapter is ideal for high-demand applications like transferring large files, streaming HD video, using Cloud-based programs, making VoIP calls and playing online multiplayer games. Advanced MIMO antenna technology ensures wireless signal range and fidelity, while integrated Wi-Fi Multimedia (WMM) prioritizes traffic for optimized bandwidth use.

### Upgrade Your Wireless

You might not be aware of this, but many netbooks and laptops don't use the latest wireless network standard – Wireless N – as a standard feature, and almost none have built-in dual-band wireless capability. This means most portable PC users aren't getting the wireless experience that they expect or deserve. The Manhattan Wireless AC1200 Dual-Band SuperSpeed USB Adapter gives your PC's wireless capabilities a total upgrade, allowing you to quickly and easily connect to a 300 Mbps\* 2.4 GHz or up to 867 Mbps\* 5 GHz wireless network for enhanced performance and for work or play.

### Super-Simple Setup and Security

The Wireless AC1200 Dual-Band USB Adapter Incorporates the latest in wireless security technology for your safety and peace-of-mind. It features WPA and WPA2 advanced encryption protocols and lets you connect to a Wireless network at the touch of a button quickly and easily thanks to the integrated Wi-Fi Protected Setup (WPS) function \*\*.

### Congestion? Not Here!

Dual-band wireless lets you move your high-bandwidth applications from the cluttered 2.4 GHz band (the one used by everything from tablets to garage door openers) to the uncongested 5 GHz band. So, you can use the 2.4 GHz band for your everyday tasks like surfing the Internet, sending e-mail or updating your status on social media sites, while the 5 GHz band is reserved for heavy-duty traffic like HD-quality video streaming, online gaming, video chat or VoIP calling - and at 867 Mbps Wireless AC link speed, it's faster than everything you've ever experienced before.

### Easy to Setup and Backwards Compatible

The Wireless AC1200 Dual-Band USB Adapter connects to your PC via any available USB port and the Intellinet Quick Install Wizard gets you up and running in minutes. Its integrated "flip-up" antenna helps eliminate Wi-Fi blind spots and

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environmental signal interference\*\*. And, because it is backward compatible with 802.11a, 802.11b, 802.11g and 802.11n, you can connect to virtually any network or public hotspot at the fastest speed possible.

\* Data throughput rate will vary depending upon network conditions and environmental factors, including volume of network traffic, electromagnetic interference and network overhead.

\*\* Router must support WPS to use this feature.

## Features:

- Connects your desktop or laptop PC to a wireless network
- Dual-band operation provides twice the bandwidth and less interference
- Ideal for streaming HD-quality video, playing online games, downloading large files and making VoIP calls
- Easily secure your network connection with Wi-Fi Protected Setup (WPS)
- Very high transfer data rate – up to 867 Mbps (5 GHz) or 300 Mbps (2.4 GHz)
- Complies with 5 GHz IEEE 802.11ac and 2.4 GHz IEEE 802.11b/g/n standards
- Supports WMM (IEEE 802.11e QoS standard) prioritizing bandwidth for multi-media applications
- Supports WEP (64/128 bit), WPA and WPA2 data encryption
- Super-Speed USB 3.0 5 Gbps interface
- Supports Software AP function (turns your wireless client into a wireless access point)
- Adjustable foldaway antenna for optimum Wi-Fi performance
- Supports the most popular operating systems: Windows XP, Vista and Windows 7/8
- Works best with Manhattan Wireless AC1200 Dual-Band Gigabit Router (525480)
- Three-Year Warranty

## Specifications:

### Standards

- IEEE 802.11a (54 Mbps Wireless LAN)
- IEEE 802.11ac (867 Mbps Wireless LAN)
- IEEE 802.11b (11 Mbps Wireless LAN)
- IEEE 802.11g (54 Mbps Wireless LAN)
- IEEE 802.11n (300 Mbps Wireless LAN)
- IEEE 802.11e (QoS Enhancement WMM)

### General

- Interface: Hi-Speed USB 3.0 Type A
- Chipset: Realtek RTL8812AU
- Frequency band:
  - 2.400 – 2.483 GHz (Industrial Scientific Medical Band)
  - 5.150 – 5.825 GHz (Industrial Scientific Medical Band)
- Security:
  - 64/128-bit WEP data encryption
  - WPA and WPA2
  - IEEE 802.1x

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- Transmit power 2.4 GHz:
  - 11n: 14 dBm +/- 1.5 dBm (20MHz, MCS7)
  - 11n: 12 dBm +/- 1.5 dBm (40MHz, MCS7)
  - 11g: 14 dBm +/- 1.5 dBm
  - 11b: 16 dBm +/- 1.5 dBm
- Transmit power 5 GHz:
  - 11ac: 10 dBm +/- 1.5 dBm (80MHz, MCS7)
  - 11a: 12 dBm +/- 1.5 dBm
- Antennas: 2T2R mode, 2 PIFA antennas
- WPS button
- Certification: FCC Class B, CE, RoHS

#### LEDs

- Link/Activity

#### Environmental

- Dimensions: 172. (H) x 27.2 (W) x 87.1 (L) mm (0.7 x 1.0 x 3.4 in.)
- Weight: 0.16 kg (0.4 lbs.)
- Operating temperature: 0 – 40°C (32 – 104°F)
- Operating humidity: max. 95% RH, non-condensing
- Storage temperature: -20 – 60°C (-4 – 149°F)

#### System Requirements

- Windows XP/Vista and Windows 7/8
- Available SuperSpeed USB 3.0 port for maximum performance

#### Package Contents

- Range+ AC1200 Dual-Band Wireless Adapter
- Quick installation guide
- Setup CD with user manual



