Mini AC600 Dual-Band Wireless Adapter

150 Mbps Wireless N (2.4 GHz) + 433 Mbps Wireless AC (5 GHz), USB 2.0
Part No.: 525602

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

The Manhattan Mini AC600 Dual-Band Wireless 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 433 Mbps*, this USB adapter is perfect for downloading large files, streaming HD video, using Cloud-based programs, making VoIP calls and playing online multiplayer games. Advanced antenna technology ensures optimal 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 Mini AC600 Dual-Band Wireless Adapter gives your PC's wireless capabilities a total upgrade, allowing you to quickly and easily connect to a 150 Mbps* 2.4 GHz or up to 433 Mbps* 5 GHz wireless network for enhanced performance and for work or play.

Super-Simple Setup and Security

The Manhattan Mini AC600 Dual-Band Wireless 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 **.

Convenient Setup

The Mini AC600 Dual-Band Wireless Adapter features a compact design that allows you to carry it with you wherever you go. And since it is backward compatible with older 802.11b/g/a devices, you can still connect to virtually any wireless network or hotspot. Simply plug the adapter into an available USB port on your PC and instantly start enjoying wireless connectivity.

* 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 (2.4 GHz and 5 GHz) 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)
- High transfer data rate – up to 433 Mbps (5 GHz) or 150 Mbps (2.4 GHz)
- Supports WMM (IEEE 802.11e QoS standard) prioritizing bandwidth for multi-media applications
- Supports WEP (64/128 bit), WPA and WPA2 data encryption
- Supports the most popular operating systems: Windows XP, Vista and Windows 7/8
- Works best with Manhattan Wireless 1200AC Dual-Band Gigabit Router (525480)
- Three-Year Warranty

Specifications:

Standards
- IEEE 802.11a (54 Mbps Wireless LAN)
- IEEE 802.11ac (433 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 2.0 Type A
- Chipset: Realtek RTL8811AU
- 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
- Data rates:
- 11a: 6/9/12/24/36/48/54 Mbps
- 11b: 1/2/5.5/11Mbps; 11g: 6/9/12/24/36/48/54 Mbps
- 11n (20 MHz): MCS0-07, up to 72 Mbps
- 11n (40 MHz): MCS0-07, up to 144 Mbps
- 11ac (80 MHz): VHTMCS0-9, up to 433 Mbps
- Transmit power 2.4 GHz:
- 11n: 12 dBm +/- 1.5 dBm (20MHz, MCS7)
- 11n: 12 dBm +/- 1.5 dBm (40MHz, MCS7)
- 11g: 13 dBm +/- 1.5 dBm
- 11b: 16 dBm +/- 1.5 dBm
- Transmit power 5 GHz:
- 11ac: 10 dBm +/- 1.5 dBm (80MHz, VHTMCS9)

- 11a: 13 dBm +/- 1.5 dBm
• Antennas: Internal printed and PiFa combo antennas x 1 (1T1R)
• WPS button
• Certification: FCC Class B, CE, RoHS

LEDs
• Link/Activity/WPS

Environmental
• Dimensions: 6 (H) x 18 (W) x 34 (L) mm (0.23 x 0.71 x 1.34 in.)
• Weight: 0.15 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 Hi-Speed USB 2.0 port

Package Contents
• Mini AC600 Dual-Band Wireless Adapter
• Quick installation guide
• Setup CD with user manual