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AC1200 Wireless Dual-Band USB Adapter

EW-7822UAD

FEATURES

- Supports Wave-2 compliant MU-MIMO
- Supports WPS (Wi-Fi Protected Setup) hardware button for easy connection
- Supports WMM QoS feature
- MAX. data transfer rate up to 300Mbps (2.4GHz) or up to 867Mbps (5GHz)
- Dual-band wireless connectivity for 2.4GHz or 5GHz
- Adjustable antenna for optimum Wi-Fi performance

OVERVIEW

The EW-7822UAD is a dual-band 802.11ac USB adapter with the fastest USB 3.0 connectivity that supports MU-MIMO, allowing greater Wi-Fi efficiency. It lets you enjoy HD streaming, online gaming, and surfing simultaneously, without lag or buffering.

With the EDIMAX EW-7822UAD AC12000 Wi-Fi USB Adapter, you can improve an older Wi-Fi networking environment to the utmost AC Wi-Fi Standard by plugging this USB adapter into your computer.

The EW-7822UAD is certainly a powerful and easy-to-use gadget for upgrading your existing wireless network to the next AC level.

USB 3.0 Port | Faster than Ever
USB 3.0 is up to 10 times faster than USB 2.0 with data transfer rates up to 5Gbps. It's the latest standard in connectivity and enables devices to achieve the superfast speeds which 802.11ac can provide – for faster photos, music, videos, and data.

Adjustable Antenna | Optimum Speed
The high-gain antenna of EW-7822UAD is easily adjustable. When the signal is weak, users can adjust the antenna angle to obtain an optimum Wi-Fi performance.

11ac MU-MIMO | More Streams
No more wait time at highest throughput. The latest 11ac MU-MIMO (Multiple User - Multiple Input Multiple Output) technology runs four streams and serve multiple devices simultaneously, for the fastest speeds and uninterrupted Wi-Fi connectivity to all devices.

Dual Mode | Double your Fun
Experience better performance and greater flexibility with EW-7822UAD for your laptop with dual-band connectivity. Either the 2.4GHz or 5GHz frequency band can be selected with top speeds at 300Mbps and 867Mbps respectively. Surf the internet and check emails on the longer-range 2.4GHz band, or use the high-speed 5GHz band for online gaming and YouTube or Netflix HD streaming.

SPECIFICATIONS

HARDWARE	
Interface	1 x USB 3.0 Type A
Antenna	External Antennas x 2 (2T2R)
Dimensions	174.54(L) x 17.69(W) x 14.42(H) mm
Weight	15g

Wireless	
Standard	• 2.4GHz: IEEE 802.11b, 802.11g, 802.11n • 5GHz: IEEE 802.11ac, 802.11a, 802.11n
Frequency Band	2.4000~2.4835GHz , 5.150~5.825GHz
Maximum Data Speed	11a: 6/9/12/24/36/48/54Mbps; 11b: 1/2/5.5/11Mbps; 11g: 6/9/12/24/36/48/54Mbps 11n (20MHz): MCS0-07, up to 144Mbps 11n (40MHz): MCS0-07, up to 300Mbps 11ac (80MHz): VHTMCS0-9, up to 867Mbps
Output Power	2.4GHz: 11b(11M): 11±1.5 dBm , 11g(54M): 9±1.5 dBm 11n(20MHz, MCS7): 8±1.5 dBm, 11n(40MHz, MCS7): 8±1.5 dBm 5GHz: 11a(54M): 8±1.5 dBm, 11n(20MHz, MCS7): 7±1.5 dBm, 11n(40MHz, MCS7): 7±1.5 dBm, 11ac(80MHz, VHTMCS9): 5±1.5 dBm
Receiver Sensitivity	2.4GHz: 11b(11M): -80±2dBm, 11g(54M): -68±2dBm 11n(20MHz, MCS7): -66±2dBm, 11n(40MHz, MCS7): -65±2dBm 5GHz: 11a(54M): -68±2dBm, 11n(20MHz, MCS7): -65±2dBm, 11n(40MHz, MCS7): -62±2dBm, 11ac(80MHz, VHTMCS9): -52±2dBm

OTHERS	
Certification	CE, FCC
Environmental Condition	• Operating Temperature: 32~104°F (0~40°C) • Storage Temperature: -4~140°F (-20~60°C) • Operating Humidity: 0~90% (NonCondensing) • Storage Humidity: Max. 95% (NonCondensing)
System Requirement	• Windows 10 • Linux: Kernel 2.6.24 - 5.3 or above (support Fedora & Ubuntu only) • MAC 10.7 or above
Installation	Easy setup wizard with auto run configuration
Package Content	• AC1200 Wirless USB Adapter • Quick Installation Guide

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