ΣDIMAX
NETWORKING PEOPLE TOGETHER

AC600 Wi-Fi 5 Dual-Band Nano USB Adapter

EW-7811ULC

FEATURES

- **AC600 Wi-Fi 5:** Maximum data transfer rate up to 433Mbps (5GHz) and 200Mbps* (2.4GHz)
- **Dual-Band Selectivity:** Selectable 2.4GHz and 5GHz band to switch anytime for smooth and stable Wi-Fi connection
- **Secure Wi-Fi :** High level Wi-Fi security supported with WPA3-SAE (Personal), WPA2, WPA, WEP, 802.1x
- **Easy Installation**: Simply and quickly 3-step installation via a USB port
- **Tiny and Stealthy Design:** Extremely small AC600 Wi-Fi USB Adapter for stealth and ease of carry
- **Wide Compatibility :** Works with any Wi-Fi router/AP/extender
- **Supported OS:** Windows and Linux
- **Application:** Excellent for video streaming, Internet surfing and file transfers

OVERVIEW

The Edimax EW-7811ULC is a dual-band 802.11ac USB adapter with a USB 2.0 connectivity that enables you to instantly upgrade your network connectivity with high-speed rates of up to 433Mbps (5GHz) and 200Mbps* (2.4GHz), allowing greater Wi-Fi efficiency. The selectable dual-band lets you switch anytime for a faster and more stable Wi-Fi connectivity experience.

The nano AC600 Wi-Fi 5 dongle is designed with security, quality and wide compatibility. Works with Windows and Linux OS, further inter-operates with your existing Wi-Fi routers, access points and extenders without replacements or additional purchases.

Tiny yet powerful with stealthy design, the EW-7811ULC certainly is an easy-to-use gadget that replaces your bulky LAN cables and instantly upgrade your computer with wireless capability.

Instant Upgrade to AC600 Wi-Fi 5

Just plug into your laptop and desktop USB interface and follow a 3-step installation guide, you can then immediately connect to the Internet without cumbersome cable deployments and future wire cable maintenance. The EW-7811ULC wireless connection supports up to 433Mbps in 5.0GHz band and up to 200Mbps* in the 2.4GHz band. (*The 256QAM technology increases the 2.4GHz data rate from 150Mbps (64QAM) to 200Mbps (256QAM) for 33% faster performance.)

Secure and Flexible Dual-Band

Offering high level Wi-Fi security with WPA3-SAE (Personal), WPA2, WPA, WEP and 802.1x, the EW-7811ULC supports 2.4GHz and 5GHz selectable Wi-Fi. The 2.4GHz frequency band are always full of crowded applications and services with un-pleasant experiences. Leave the crowded 2.4GHz and you have an alternative 5GHz frequency band for more bandwidth and less congested wireless network.

Wide Compatibility for Any Wi-Fi

Compliant with 802.11a/b/g/n/ac standards, the EW-7811ULC supports any existing routers, access points and range extenders. Supports Windows and Linux OS, it is the best choice for your laptop or PC. You can connect to a network in locations where Wi-Fi is available.

Tiny and Stealthy Design

The nano size adapter is designed lightweight and sleek which prevents you from snapping it by accident. You can attach it to your desktop and laptop with ease. The purpose of the small-form design is for stealth and ease of carry So small like it isn't there at all. It is convenient to carry with you for work and travel usage.

SPECIFICATIONS

HARDWARE

Interface	1 x USB 2.0 Type A
LED Indicator	1 x Link/Activity LED
Antenna	1 x Internal PIFA Antenna (1T1R)
Dimensions	17.4(L) x 15.0(W) x 7.2(H) mm (0.69(L) x 0.59(W) x 0.28(H) inches)
Weight	2g (0.07 ounces)

WIRELESS

Standard	• 2.4GHz: IEEE 802.11b/g/n • 5GHz: IEEE 802.11a/n/ac
Frequency Band	• 2.4GHz: 2.4000~2.4835GHz • 5GHz: 5.150~5.825GHz *Subject to local regulations.
Max. Data Rate/Speed	• 11a: Up to 54Mbps • 11b: Up to 11Mbps • 11g: Up to 54Mbps • 11n (2.4GHz): Up to 200Mbps* • 11ac (5GHz): Up to 433Mbps * The EW-7811ULC with 256QAM technology increases the 2.4GHz data rate from 150Mbps (64QAM) to 200Mbps (256QAM) for 33% faster performance.
Transmit Power	2.4GHz: • 11b(11Mbps): 17±1.5dBm • 11g(54Mbps): 14.5±1.5dBm • 11n(20MHz, MCS7): 15±1.5dBm • 11n(40MHz, MCS9): 14±1.5dBm 5GHz: • 11a(54Mbps): 14±1.5 dBm • 11n(20MHz, MCS7): 14±1.5dBm • 11n(40MHz, MCS9): 14±1.5dBm • 11ac(80MHz, MCS9): 13±1.5dBm
Receive Sensitivity	2.4GHz: • 11b(11Mbps): -86±2dBm • 11g(54Mbps): -71±2dBm • 11n(20MHz, MCS7): -69±2dBm • 11n(40MHz, MCS9): -60±2dBm 5GHz: • 11a(54Mbps): -67±2dBm • 11n(20MHz, MCS7): -65±2dBm • 11n(40MHz, MCS9): -57±2dBm • 11ac(80MHz, MCS9): -52±2dBm
Security	• WPA3-SAE (Personal), WPA2, WPA, WEP, 802.1x • Software WPS (Wi-Fi Protected Setup. Driver installation and WPS supported Wi-Fi device are required.)

OTHERS

Supported Operating System	• Windows 10/11 • Linux Kernel 2.6.18 ~ 5.11 * Additional version information may be announced on the EDIMAX website.
Environmental Condition	Temperature: • Operating: 0~40°C (32~104°F) • Storage: -20~60°C (-4~140°F) Humidity: • Operating: 10~90% (Non-condensing) • Storage: Max. 95% (Non-condensing)
Certification	CE, FCC, BSMI, NCC