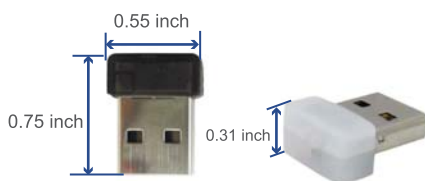


Mini 802.11n USB WLAN Adapter

UMD606N



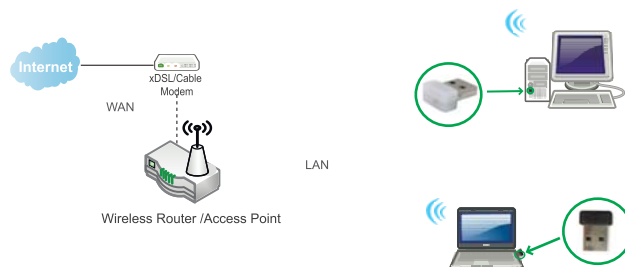
UMD606N is the smallest in-the-world USB wireless adapter. By the help of latest WLAN technology, and solid RD design, the UMD606N can be much smaller than other adapters on the market. It turns almost "Invisible" when it is installed in the USB port on your notebook or desktop PC. UMD606N is a "Setup-and-Forget" gadget, no need to unplug it each time when turning off notebook.

More than these, UMD606N provides simple (physical WPS button) and secure (64/128bit WEP, WPA, WPA2 WLAN security) way to enable 150M 802.11n wireless access to your notebook or desktop computer. It is ideal for Internet surfing, email transmission, online video viewing, chatting and Facebook access.

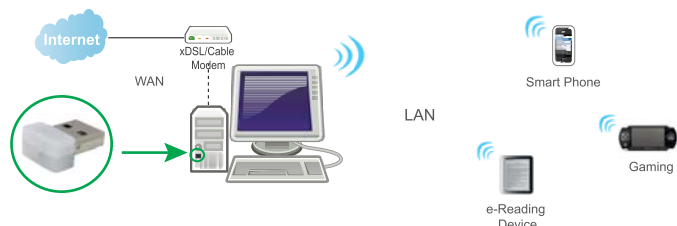
UMD606N adopts latest Green WLAN technology, which controls power consumption automatically in accordance with WLAN activities. No setting required! UMD606N can be paired with wireless products, and save up to 80% power consumption than legacy 802.11n products.

- Ultra compact with latest IEEE 802.11n technology up to 150 Mbps (1T1R) data rate
- 3-times faster than existing IEEE 802.11g/b network
- 20MHz and 40MHz bandwidth support
- Physical WPS button, PBC support
- Wireless security- WEP64/128, WPS, WPA/WPA2-802.1x
- WMM QoS enhancement
- Software Access Point feature support in Windows 7 operation system

Station Mode



AP Mode



SPECIFICATIONS

Description:

Mini 802.11n USB WLAN Adapter

Model No

UMD606N

Network Standard

IEEE 802.11n, 802.11g, 802.11b

Interface

USB 2.0 (High Speed)

Data Rates

802.11b: 11, 5.5, 2, 1 Mbps with Automatic Fallback

802.11g: 6, 9, 12, 18, 24, 36, 48, 54 Mbps

802.11n : 150 Mbps

Security Algorithms

WEP: 64/128 bits

WPA: TKIP with IEEE 802.1x

WPA2: AES with IEEE 802.1x

WPS Authentication

Modulation Techniques

OFDM with BPSK, QPSK, 16QAM, and 64QAM modulation

Frequency Range / Operating Channels

2.312~2.472GHz & 2.484GHz / 14 Channels

Power Consumption

Under 1.5W

Transmit Power

802.11b: 17 ±1dBm

802.11g: 15 ±1dBm

802.11n: 14 ±1dBm

Temperature /Humidity

Operating: 0~40°C (32 to 104 °F) / Humidity: 10~85% (non-condensing)

Storage: -20~65°C (-4 to 149 °F) / Humidity: 5~95% (non-condensing)

Antenna

Internal Printed Antenna x1

PHYSICAL SPECIFICATIONS

Dimension:

19 x 14 x 8 mm (0.75 x 0.55x 0.31 inch)

Wireless Activity LED

WPS Push Button x1

Adapter Weight: 2g

REGULATORY COMPLIANCE

FCC: Part 15 Sub B & C (15.247)

CE: EN 300 328-2 (2.4GHz b) /EN 301 489-17(2.4GHz b)

LVD: EN 60950

SYSTEM REQUIREMENTS

Operation System

Windows 2000, XP, Vista, Win 7 or later



Green WLAN: by use software, hardware and components control to save power/energy consumption and providing wireless network access concurrently. With advanced SOC solutions in Amigo's products, we take smart use of technology to reach the balance point of performance and power consumption.



Active-ECO: Combining latest "Green WLAN", "Green Ethernet", and "802.3az Energy Efficient Ethernet" networking, power management technology, "Active-ECO" helps wireless networking peripherals saves most power consumption, and keep the performance.