

MWU-203 802.11n Wireless USB Adapter (2Tx2R, WPS)



The MWU-203 is a wireless dongle, which fully supports the features and functional compliance of IEEE 802.11n, e and i standards. It supports up to 300 Mbps high-speed wireless network connections using the 2Tx2R MIMO technology.

The MWU-203 is a cost-effective, single chip solution, provides excellent performance with minimum power consumption. With build-in WPS button to simplify the process of configuring security on wireless networks.

- Complies with IEEE 802.11n,e and i, IEEE 802.11b/g standards
- 2x2 MIMO technology improves effective throughput and range over existing 802.11b/g products
- Operates on 2.4GHz ISM band
- Data rates up to 300 Mbps
- BPSK, QPSK, 16 QAM, 64 QAM, DBPSK, DQPSK and CCK modulations
- Supports 64-bit and 128 bit WEP, WPA, WPA2, TKIP, AES
- WPS (Wi-Fi Protected Setup) button for easy and secure establishment of a wireless network
- USB 2.0 interface
- Realtek RTL8192SU chip



Technical Specification

Chipset	Realtek RTL8192SU
Standard	IEEE 802.11n, e and i, IEEE 802.11b/g
Frequency Band	2.4GHz ISM Band
Operating Channel	13 Channels - Europe, 11 Channels - US, Canada, 14 Channels - Japan
Modulation	BPSK / QPSK / 16-QAM / 64-QAM / DBPSK / DQPSK / CCK
Spread Spectrum	IEEE 802.11b: DSSS (Direct Sequence Spread Spectrum) IEEE 802.11g/n: OFDM (Orthogonal Frequency Division Multiplexing)
Transmit Power	IEEE 802.11n: < 14 dBm IEEE 802.11g: < 14 dBm IEEE 802.11b: < 17 dBm
Receiver Sensitivity	IEEE 802.11n: -64dBm @ 10% IEEE 802.11g: -70dBm @ 10% IEEE 802.11b: -80dBm @ 8%
Operation Mode	Ad hoc, Infrastructure
Data Transfer Rates	300, 270, 240, 180, 120, 90, 60, 54, 48, 36, 30, 24, 22, 18, 12, 11, 6, 5.5, 2, 1 Mbps (auto fallback)
Operating Range	Indoor 100m, Outdoor 280m *The performance depends on environment
Security	64/128 bit WEP & WPA, WPA2, TKIP, AES WPS button for easy and secure establishment of a wireless network
Interface	USB 2.0
Power Consumption	Transmit: around 380mA Receive: around 250mA
OS Support	Windows 2000 / XP / XPx64 / Vista / VistaX64 / Win7 / Win7x64 / Mac / Linux
Temperature	Operating: 0C - 50C Storing: -10C – 70C
Humidity	5-90%, Non-condensing
Size	52.3 x 24.4 x 9.9 mm (L x W x H)
LED Indicators	Power
Certification	CE, FCC
Warranty	1 year