

MWL-6200D 802.11n Wireless USB Adapter



The **MWL-6200D** is a wireless dongle, which fully supports the features and functional compliance of IEEE 802.11n Draft 2.0, IEEE 802.11e and i standards. It supports up to 300 Mbps high-speed wireless network connections.

It is designed to provide excellent performance with minimum power consumption and enhance the advantages of robust system and cost-effective. The **MWL-6200D** is targeted at competitive superior performance better power management applications.

Features:

- Complies with IEEE 802.11n Draft 2.0, IEEE 802.11b/g, IEEE 802.11e and i standards
- 2x2 MIMO technology improves effective throughput and range over existing 802.11b/g products
- 2x2 dBi External SMA Antennas
- 2.4GHz WLAN MAC/BB processing
- Data rates up to 300 Mbps for 40 MHz channels and up to 130 MBps for 20 MHz channels
- BPSK, QPSK, 16 QAM, 64 QAM, DBPSK, DQPSK and CCK modulations
- Supports 64-bit and 128 bit WEP, WPA, WPA2, TKIP, AES
- USB 2.0 interface
- Atheros AR9170+AR9102 chipset

Technikai specifikáció

Chipset	Atheros AR9170+AR9102
Standard	IEEE 802.11n Draft 2.0, IEEE 802.11b/g, IEEE 802.11e and IEEE 802.11i
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%
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
Antenna	2x2 dBi Detachable SMA Antenna
Security	64/128 bit WEP & WPA, WPA2, TKIP, AES
Interface	USB 2.0
OS Support	Windows 2000 / XP / Vista, Linux
Temperature	Operating: 0C - 50C Storing: -10C – 70C
Humidity	5-90%, Non-condensing
LED Indicators	Power
Certification	CE, FCC
Warranty	1 year