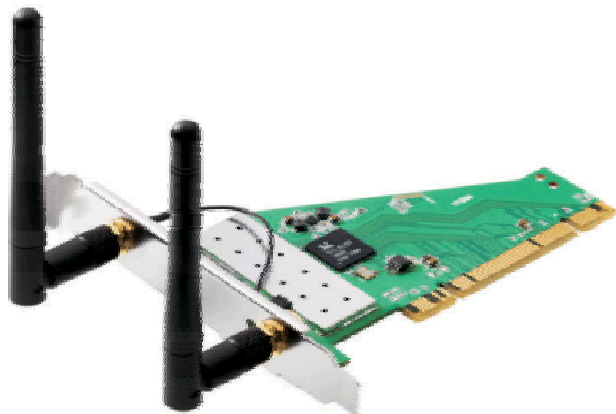


MWL-6400 802.11n Wireless PCI Adapter



The MWL-6400C is a highly integrated MIMO wireless PCI adapter, 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 provides complete solution for high throughput performance, transmission over 20 MHz and 40 MHz bandwidth.

Features:

- Complies with IEEE 802.11n Draft 2.0, IEEE 802.11b/g standards
- 1x2 MIMO technology improves effective throughput and range over existing 802.11b/g products
- 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
- PCI Revision 2.3 interface
- Realtek TRL8190+RTL8256 chipset
- Supported standards:
 - IEEE 802.11e QoS Enhancement (WMM, WMM-SA Client Mode)
 - IEEE 802.11h TPC, DFS Spectrum Measurement
 - IEEE 802.11k Radio Resource Measurement
 - IEEE 802.11i (WPA,WPA2) Open, Shared Key, Pair-Wise Key Authentication

Technikai specifikáció

Chipset	Realtek RTL8190+RTL8256
Standard	IEEE 802.11n Draft 2.0, IEEE 802.11b/g, IEEE 802.11e,h,k and i
Frequency Band	2.4GHz – 2.484GHz 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) width DBPSK,DQPSK,CCK IEEE 802.11g/n: OFDM (Orthogonal Frequency Division Multiplexing) width BPSK, QPSK, 16-QAM, 64-QAM and 256-QAM modulations
Transmit Power	IEEE 802.11n: 13+/-2 dBm IEEE 802.11g: 14+/-2 dBm IEEE 802.11b: 17+/-2 dBm
Receiver Sensitivity	IEEE 802.11n: -64dBm @ 8% IEEE 802.11g: -70dBm @ 8% IEEE 802.11b: -80dBm @ 8%
Data Transfer Rates	300, 270, 240, 180, 120, 90, 60, 54, 48, 36, 30, 24, 22, 18, 12, 11, 9, 6, 5.5, 2, 1 Mbps (auto fallback)
Operation Mode	Ad-hoc, Infrastructure
Power Consumption	Transmit: around 350mA @ 11b, 355mA @ 11g, 350mA @ 11n Receive: around 390mA @ 11b, 420mA @ 11g, 420mA @ 11n
Operating Range	Indoor 100m, Outdoor 280m *The performance depends on environment
Security	64/128 bit WEP & WPA, WPA2, TKIP, AES
Interface	PCI Revision 2.3, 32-bit
OS Support	Windows 2000 / XP / Vista
Temperature	Operating: 0C - 55C Storing: -20C – 70C
Humidity	5-90%, Non-condensing
Size	121 x 57 x 19 mm (L x W x H)
Weight	94g
LED Indicators	Red LED for Power, Green LED for Link
Certification	CE, FCC
Warranty	1 year