

802.11b/g Wireless Mini PCI Card

The **WM2504** is a mini PCI card that connects your notebook to a wireless local area network. Incorporating the IEEE802.11g standard's mandatory modulation schemes, the **WM2504** is backwards compatible with all the existing 802.11b products already out there. Moreover, the high-speed transfer rate of up to 54Mbps makes it an essence for today's high-bandwidth demand.

The **WM2504** is a very small card that can fit into any notebook, handheld or desktop computer equipped with a Mini PCI (Type III B slot) interface for wireless network applications. It allows you to take full advantage of your notebook's mobility with access to real-time information and online services anytime and anywhere. It slides easily into the MINI PCI expansion slot to enable a wireless connection to your network.



FEATURES

- Complies with IEEE 802.11b and 802.11g standard for 2.4GHz Wireless LAN.
- Compliant with PCI 2.3 Standard.
- Works with all existing network infrastructure.
- Complies with specific wireless products and services.
- Capable of up to 128-Bit WEP, TKIP and AES.
- Freedom to roam while staying connected.
- Up to 54 Mbps data transfer rate in 802.11g mode of operation.
- Supports Windows98/ ME/ 2000/ XP
- Lower power consumption.
- Easy to install and configure.

SPECIFICATIONS

| | |
|--------------------------|---|
| Standard | IEEE 802.11b, IEEE 802.11g Standard |
| Host Interface | III-b mini PCI form factor (mini PCI interface 1.0) |
| Operating Voltage | 3.3V (Vaux) |
| Power Requirement | Power consumption at 11g TX:441mA Rx:356mA Power consumption at 11b Tx:435mA Rx:355mA |
| Antenna Type | 2 Diversity U.FL Compatible Coaxial Connector |
| Frequency Range | 2.412GHz-2.4835GHz |
| Modulation | 11g:Orthogonal Frequency Division Multiplexing (OFDM) 54Mbps/48Mbps:QAM-64 36Mbps/24Mbps:QAM-16 18Mbps/12Mbps:QPSK 9Mbps/6Mbps:BPSK |

| | |
|--------------------------------------|--|
| | 11b: Direct Sequence Spread Spectrum (DSSS) 11Mbps/5.5Mbps: CCK 2Mbps: DQPSK 1Mbps: DBPSK |
| Number of Selectable Channels | USA, Canada (FCC): 11 channels (2.412GHz~2.462GHz) Europe (CE): 13 channels (2.412GHz~2.472GHz) Japan (TELEC): 14 channels (2.412GHz~2.4835GHz) |
| Modulation Technique | 802.11b: Direct Sequence Spread Spectrum (PBCC, CCK, DQPSK, DBPSK) 802.11g: Orthogonal frequency division multiplexing |
| Data Rate | 802.11b(11 Mbps, 5.5 Mbps, 2 Mbps, 1 Mbps) 802.11g(54 Mbps, 48 Mbps, 36 Mbps, 24 Mbps, 18 Mbps, 12 Mbps, 9 Mbps, 6 Mbps) |
| Preamble | 802.11b: Both Short and Long preamble 802.11g: Both Short and Long preamble |
| Security | Hardware-Based Encryption/Decryption Using 64-, 128-bit Wired-Equivalent Privacy (WEP) Keys, WPA, WPA2, WMM and CCX are also supported. |
| Output Power | 54Mbps OFDM: 13dBm~15dBm; 11Mbps CCK: 16dBm~18dBm (average power) |
| Receiver Sensitivity | 802.11g (in 10% PER) -71 dBm(max.) at 54Mbps 802.11b (in 8% PER) -85 dBm(max.) at 11Mbps |
| Range | Indoors: up to 100meters; Outdoors: up to 300meters |
| Media Access Protocol | CSMA/CA (Collision Avoidance) with ACK |
| Physical Specifications | Weight: 10g Dimension: 59.75 (L) x 44.6(W) mm |
| Environment Specifications | Operating Temperature: 0~60°C ambient temperature Storage Temperature: -20~70°C ambient temperature Operating humidity: 90% maximum (non-condensing) Storage humidity: 90% maximum (non-condensing) |
| Supported OS | Windows 98 Windows ME Windows 2000 Windows XP |
| EMC Certification | FCC Part 15 subpart B / subpart C (15.247) in US. and ETSI EN-300328(pre-scan) |

Free Manuals Download Website

<http://myh66.com>

<http://usermanuals.us>

<http://www.somanuals.com>

<http://www.4manuals.cc>

<http://www.manual-lib.com>

<http://www.404manual.com>

<http://www.luxmanual.com>

<http://aubethermostatmanual.com>

Golf course search by state

<http://golfingnear.com>

Email search by domain

<http://emailbydomain.com>

Auto manuals search

<http://auto.somanuals.com>

TV manuals search

<http://tv.somanuals.com>