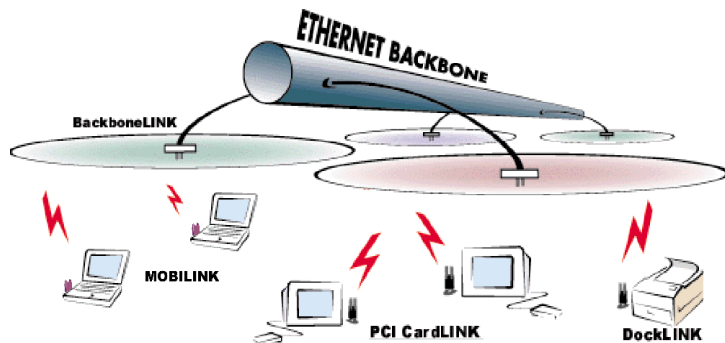


## Wireless PCI CardLINK

Model RMG-150



The Wireless PCI CardLINK from RadioLAN Marketing Group (RMG) is the first wireless LAN adapter that provides a 10 Mbps wireless LAN connection to your network. The PCI CardLINK is a bus master PCI "Plug'nPlay" LAN adapter created for the Desktop and Server market. Access to a 10BaseT network is provided through RadioLAN's wireless BackboneLINK™ or BackboneLINK-II™. Optional encryption upgrades are available for extra security concerns. The PCI CardLINK operates at full Ethernet speed - 10Mbps - and is compliant with the IEEE 802.3 Ethernet standard.



The PCI CardLINK Model 150 includes a fixed 5.8GHz radio transceiver, a Plug & Play installation program and Microsoft drivers for Windows95, Windows98, WindowsNT, Windows/XP and Windows2000. As with all RadioLAN/10™ products, the PCI CardLINK operates at 10Mbps and performs just like 10BaseT - but without the wires. This is the only PCI wireless LAN adapter that offers you the reliability you expect from your LAN, while providing you with the ease-of-use that you need.

RMG's PCI CardLINK provides the flexibility and performance necessary for today's growing businesses. It can easily adapt to SOHO applications as well as heavily-trafficked Enterprise LANs.

## Features

- 10 Mbps wireless connectivity
- PCI V2.1 Compliant
- Plug & Play installation
- Communicates up to 120' between computers in a typical office environment
- 32-bit Bus Mastering DMA, offering a wide data path and fast transfers with low CPU utilization
- RadioNET™ Manager, 10BaseRadio™ network management
- 128 wireless per access point
- No FCC RF license required; 5.8GHz Industry Scientific Band (ISM) approved
- Access to 10BaseT networks with RadioLAN's wireless access points
- Windows client support for Novell networks, Plug'n Play
- FCC Part 15, Subpart J Class B
- Optional encryption



**Radiolan**  
Marketing Group  
[www.radiolan.com](http://www.radiolan.com)

RMG's high-speed wireless LAN solutions let you spend more time concentrating on the task at hand rather than trying to find an available wire connection for your computers and other networked equipment. Schools, hospitals, large corporations and small businesses all benefit from the flexibility and reliability of RMG's 10Mbps wireless network connectivity.

Independent testing organizations have measured RMG's wireless throughput at better than or equal to wired 10BaseT solutions. RadioLAN Marketing Group's total cost per node is less than wire, making your capital investment stretch farther, while still providing you with the speed your network requires.

Network management and configuration is simple using RMG's RadioNET Manager, which allows you to view your entire wireless network at a glance, providing instant information on connectivity.

---

## Specifications

### RadioLAN/10™ System

Model Numbers	PCI CardLINK™ 150 MobiLINK 140 (for Laptops) BackboneLINK™ 208 (stand-alone access point) BackboneLINK-II™ 218 (stand-alone access point)
Warranty	1 Year parts and labor (return to factory)
Frequency	5.8 GHz ISM band (unlicensed), U-NII band (unlicensed)
Technology	Wideband microwave transmission
Throughput	10 Mbps
Range	Up to 120' radius (35 meters) - semi-open, 300' radius (90 meters) open environments; will cover approx. 10,000-12,000 square feet (950-1100 square meters)
Security	2-level network access control, optional RSA encryption
Topology	Peer-to-peer architecture
Min. computer requirements	Pentium or faster CPU with 32MB RAM (101, 130, 140, 150)

### PCI CardLINK Specifications

Part Number	RMG-150
Dimensions	5.8" x 3.5"
Weight	1.0 lb.

### Network Interface Card

Bus Interface	32-bit PCI V2.1 Compliant Bus Master
Media Access Protocol	CSMA/CA for wireless domain
Operating Systems Supported	Plug & Play, Windows 95, 98, 2000, NT, and XP

### Radio Transceiver Unit

Transmission power	50mW peak power per station, 25mW average power per 100 milliseconds
Antenna	2 monopole antennas with diversity
LEDs	One (Tx & Rx)

### Software

Wireless Operating System Management	10BaseRadio™ RadioNET™ Manager
--------------------------------------	-----------------------------------

### Environmental

Temperature	0° - 70° C
Relative humidity	10 - 90%



#### Corporate Headquarters:

185 Lewis Road - Suite 30  
San Jose, CA 95111

Phone: 408-365-6200  
Fax: 408-365-7675



