

EXPERIENCE THE FREEDOM OF WIRELESS NETWORKS  
FOR PC LAPTOPS AND MOBILE COMPUTING DEVICES



## ORiNOCO® 11b/g PC Card

### Simple, convenient and secure Wireless LAN connectivity for every network

ORiNOCO 11b/g PC Card delivers the utmost in mobile convenience and performance, so that you can move easily between 802.11 networks at work, home, and in public spaces. Throughput five higher than 802.11b speeds network response times and supports bandwidth-intensive applications.

Fully compliant with all 802.11 standards, the 11b/g PC Card delivers proven high-performance for a broad range of applications and host computer systems. The cards are available in Silver and Gold versions. Multiple security levels are provided with 802.1x authentication and encryption up to 128-bit WEP (Silver) and up to 152-bit WEP (Gold). Both versions are shipped hardware-ready for upgrade to Wi-Fi Protected Access (WPA) security. An easy-to-use utility is provided for quick, simple connections. The Silver version allows the user to set up to two user profiles. The Gold version allows the user to set an unlimited number of user profiles and includes Transmit Power Control to improve performance for high security and high interference environments. Both Gold and Silver versions include a built-in connector for an external Range Extender Antenna which improves connecting from a location where it is difficult to 'see' an Access Point.



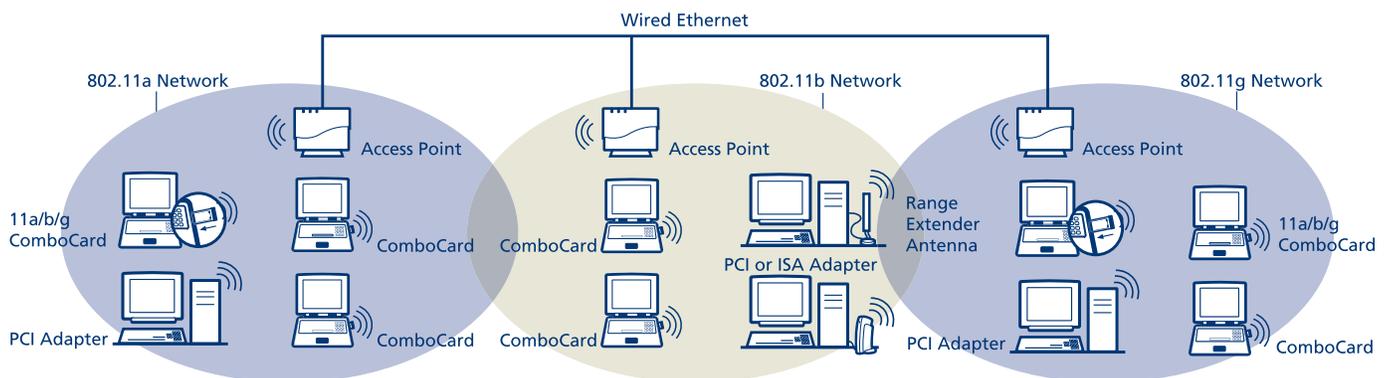
The ORiNOCO 11b/g PC Card gives you the flexibility to connect to any 802.11b or 802.11g wireless network. Just plug the 11b/g PC Card into the Cardbus slot of your notebook computer and you have everything you need for maximum wireless productivity in an enterprise, public building or at home. The 11b/g PC Card is part of ORiNOCO's family of client and infrastructure products – everything you need to work anytime, anywhere and the way you want.

### APPLICATIONS

- Small/medium business, enterprises: improved productivity with mobile network, Internet, and email inside buildings, around campus
- Universities: flexible, immediate, mobile faculty and student connectivity in dorms, classrooms, offices
- Quick network build-out for new employees
- Hospital-wide transmission of bandwidth-intensive medical data and image files

### FEATURES

- Plugs directly into CardBus Type-II slot
- Intuitive client utility for easy, fast configuration
- Unlimited number of location profiles (Gold only)
- Seamless roaming between 802.11b/g networks
- Enterprise-class 802.1x security and multi-level WEP encryption
- Transmitter power control for optimal performance (Gold only)
- Connector for external Range Extender Antenna



# ORiNOCO 11b/g PC Card Specifications

## INTERFACE

CardBus Card (32-bit) Type II PC Card

## RADIO CHARACTERISTICS

Frequency	2400 - 2484 MHz
Modulation Techniques	802.11g Orthogonal Frequency Division Modulation (64 QAM, 16 QAM, QPSK, BPSK) 802.11b Direct Sequence Spread Spectrum (CCK, DQPSK, DBPSK)
Media Access Protocol	CSMA/CA (Collision Avoidance) with ACK
Maximum Output Power	802.11g: 60 mW EIRP 802.11b: 85 mW EIRP
Data Speeds (Automatic fallback for extended range)	802.11g modes: 54, 48, 36, 24, 18, 12, 9, 6 Mbps 802.11b mode: 11, 5.5, 2, 1 Mbps
Power Consumption	802.11b, 802.11g: Tx – 600 mA, Rx – 420 mA

## PHYSICAL SPECIFICATIONS

Dimensions	121.75 mm X 54.00 mm X 5 mm (PC Card)
Weight	55 grams

## ENVIRONMENTAL SPECIFICATIONS

	Temperature (Ambient)	Humidity
Operating	0 to 55° C	90% (non-condensing)
Storage	-10 to 75° C	95% (non-condensing)

## PC CARD SPECIFICATIONS

Type II CardBus	32-bit interface
Power Supply Voltage	3.3 VDC from host (+/-0.2V)

## LEDS

2 LEDs:	Power Network Activity
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## OPERATING SYSTEMS

Windows 98 SE, 2000, Me, XP

## SECURITY

802.1x support	EAP – TLS, TTLS, MD5, PEAP, LEAP
Gold	152/128/64-bit WEP
Silver	128/64-bit WEP

## WARRANTY

3 years

## PACKAGE CONTENTS

- CardBus Card
- Getting Started Guide
- CD-ROM with drivers, installation and configuration utility.

## ORDERING INFORMATION

8470	ORiNOCO 11b/g PC Card Gold
8471	ORiNOCO 11b/g PC Card Silver

## RELATED PRODUCTS

AP-4000, AP-2000, AP-2500, AP-600a, AP-600b, AP-600g  
ORiNOCO 11a/b/g ComboCard, 11a/b/g PCI Card, 11b PC Card, 11b USB Adapter, 11b PCI Adapter, 11b Ethernet Adapter

