

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



ORiNOCO® Classic Gold PC Card

802.11b Wireless Internet Access and Networking for Laptops, Portable Computing Devices and ORiNOCO Access Points



The ORiNOCO Classic Gold PC Card is designed to work as a client device as well as in an access point, providing connectivity to users anywhere. Easy to install, the PC Card gives you the convenience to work anytime, anywhere and any way you want.

The right technology for the right solution

The ORiNOCO Classic Gold PC card can be used anywhere to connect to a Wi-Fi network. The Classic PC Card can also be used as a radio in the ORiNOCO AP-2000, AP-2500 and Outdoor Router products. The card delivers high-speed wireless networking at 11 Mbit/s, operating in the 2.4 GHz unlicensed frequency. With superior radio receiver sensitivity and resilience to microwave interference, ORiNOCO has proven to be the best 802.11b radio in the industry – delivering unbeatable range and throughput performance.

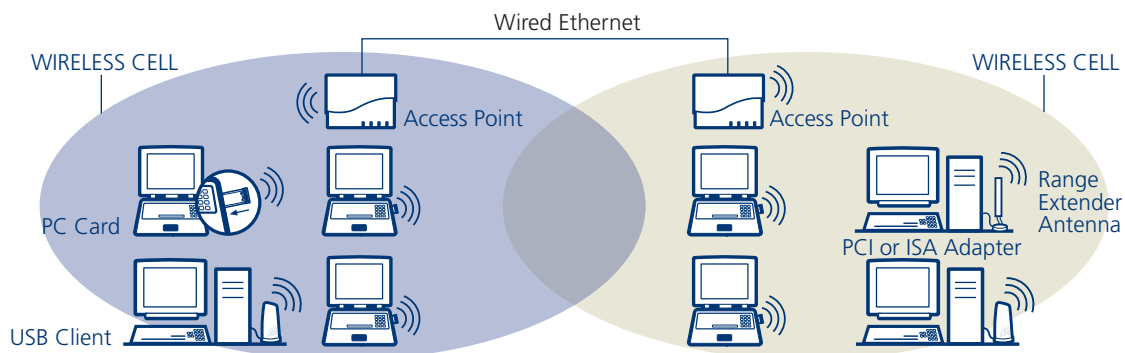
Diverse levels of data protection and security

The ORiNOCO Classic Gold PC Card is equipped with a choice of security levels to protect your data. The Gold PC Card offers enhanced security, with WEP Plus, 802.1x, and 128-bit WEP employing RC4 encryption.

The ORiNOCO Classic Gold PC Card is part of the complete ORiNOCO product family of infrastructure and client products – all you need to get connected in the office, hotspots, or at home.

ORiNOCO Classic Gold PC Card Features

- Plugs directly into laptop type-II PCMCIA slot
- Installs in an ORiNOCO AP-2000, AP-2500 or Outdoor Router
- Broadest operating system support
- Intuitive ORiNOCO Install Wizard for easy driver installation
- Wi-Fi (IEEE 802.11b) certified interoperability
- Low power consumption
- High performance 11 Mbit/s data rate.
- Wide coverage range of up to 1,750ft/550m
- Industry-leading radio design
- High-level security with full 128-bit key, RC4 encryption or 64-bit WEP encryption



ORiNOCO Classic Gold PC Card

INTERFACE				
PCMCIA				
RADIO CHARACTERISTICS				
Frequency Channels	2400 - 2483.5 MHz			
Modulation Technique	Direct Sequence Spread Spectrum (CCK,DQPSK, DBPSK)			
Spreading	11 - chip Barker Sequence			
Media Access Protocol	CSMA/CA (Collision Avoidance) with ACK			
Bit Error Rate (BER)	Better than 10 ⁻⁵			
Nominal Output Power	15 dBm			
Power Consumption PC Card	Doze mode – 9 mA Receiver mode – 185 mA Transmit mode – 285 mA			
RANGE (METERS/FT)	11 MBIT/S	5.5 MBIT/S	2 MBIT/S	1 MBIT/S
Open	160m (525 ft)	270m (885 ft)	400m (1300 ft)	550m (1750 ft)
Semi-open	50m (165 ft)	70m (230 ft)	90m (300 ft)	115m (375 ft)
Closed	25m (80ft)	35m (115 ft)	40m (130 ft)	50m (165 ft)
Receiver Sensitivity dBm	-82	-87	-91	-94
Delay Spread (at FER of <1%)	65ns	225ns	400ns	500ns
PHYSICAL SPECIFICATIONS				
Dimensions	117.8 mm X 53.95 mm X 8.7 mm (PC Card)			
Weight	55 gram			
ENVIRONMENTAL SPECIFICATIONS				
	Temperature	Humidity		
Operating	0-55°C	95% (non condensing)		
Storage	-20-75°C	95% (non condensing)		
POWER SUPPLY				
Voltage	5VDC from host (+/-0.2V)			
LEDs				
2 LEDs:	Power		Network Activity	
OPERATING SYSTEMS				
Novell Client 3.x &4.x, Windows 95/98/2000/XP, Me and Windows NT (NDIS Miniport driver); Apple Macintosh 8.6 and 9.x; Windows CE; Linux; Microsoft DOS				
MTBF				
150,000 hours based on workload, of 2040 hours/year (continuous operation), within operating conditions				
WARRANTY				
3 years				
PACKAGE CONTENTS				
<ul style="list-style-type: none"> • PC Card • Getting Started Guide • Installation Software CD-ROM 				
ORDERABLE PART NUMBER				
8410				
RELATED PRODUCTS				
AP-4000 AP-2000, AP-2500 AP-600 BG-2000 Range Extender Antenna				