

ORiNOCO 11a/b/g ComboCard Specifications

INTERFACE

CardBus Card (32-bit) Type II PC Card

RADIO CHARACTERISTICS

| | |
|---|--|
| Frequency | FCC (26 Channels) 2400-2484; 5150-5250; 5250-5350; 5725-5850 MHz ETSI (32 Channels) 2400-2484; 5150-5250; 5250-5350; 5470-5720 MHz TELEC (18 Channels) 2400-2484; 5150-5250 MHz IDA (22 Channels) 2400-2484; 5150-5250; 5725-5850 MHz |
| Modulation Techniques | 802.11a, 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 | 802.11a, 802.11g: 60 mW EIRP 802.11b: 85 mW EIRP |
| Data Speeds (Automatic fallback for extended range) | 802.11a, 802.11g modes: 54, 48, 36, 24, 18, 12, 9, 6 Mbps 802.11b mode: 11, 5.5, 2, 1 Mbps 2X mode: 108, 96, 72, 48, 36, 24, 18, 12 Mbps |
| Power Consumption | 802.11a: Tx – 520 mA, Rx – 310 mA 802.11b, 802.11g: Tx – 600 mA, Rx – 330 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 |
|---------|---------------------------|

OPERATING SYSTEMS

Windows 98 SE, 2000, Me, XP

SECURITY

| | |
|----------------|--|
| 802.1x support | EAP – TLS, TTLS, MD5, PEAP, LEAP |
| Gold | 152/128/64-bit WEP for 802.11a, 128/64-bit WEP for 802.11b/g |
| 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

| | |
|--------------------|--|
| 8480-WD 8480-JP | ORiNOCO 11a/b/g ComboCard Gold - World ORiNOCO 11a/b/g ComboCard Gold - Japan |
| 8481-WD 8481-JP | ORiNOCO 11a/b/g ComboCard Silver - World ORiNOCO 11a/b/g ComboCard Silver - Japan |

RELATED PRODUCTS

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

