



AIRCARD® 750

TRI-BAND WIRELESS NETWORK CARD FOR GPRS & GSM NETWORKS

TECHNICAL SPECIFICATIONS

>>| AIRCARD 750:

Type II PC Card (unextended)
GPRS Class 12 Capability (up to 4 Tx, 4 Rx, 5 total)
External hinged antenna

>>| OPERATING SYSTEMS SUPPORT:

Windows® 95, 98, NT 4.0, 2000, Me, XP, PPC
PPC 2002, PPC 2003, HPC 2000, CE 4.1, CE 4.2

>>| ADDITIONAL CONNECTIVITY SUPPORT:

NDIS Driver host interface
Support for Multiple APNs
SMS (send and receive)
V.42bis compression
Dial-up networking
Voice, fax, circuit-switched data

>>| GPRS:

GSM 900 MHz band
Transmit: 880 to 915 MHz
Receive: 925 to 960 MHz
Output Power: 2000 mW (+ 33 dBm)
DCS: 1800 MHz band
Transmit: 1710 to 1785 MHz
Receive: 1805 to 1880 MHz
Output Power: 1000 mW (+ 30 dBm)
PCS 1900 MHz band
Transmit: 1850 to 1910 MHz
Receive: 1930 to 1990 MHz
Output Power: 1000 mW (+ 30 dBm)

>>| POWER CONSUMPTION:

Operating Voltage: 5 V
DC current GSM Band (typical requirement):
4 TX slots on, 700 mA average
2 TX slots on, 400 mA average
1 TX slot on, 300 mA average
DC current PCS/DCS Band (typical requirement):
4 TX slots on, 600 mA average
2 TX slots on, 350 mA average
1 TX slot on, 250 mA average
Standby: Handhelds 10 mA
Notebooks 12 mA

>>| ENVIRONMENTAL:

Operating Temperature: -20 to +60° C
Storage Temperature: -30 to +85° C
Vibration (non-operating): 15 g peak 10 to 2000 Hz
Humidity: 95% (non-condensing)

>>| APPROVALS:

Compliant with GSM Release 97 SMG 32

>>| AIRCARD 750 SOFTWARE:

Watcher™ for Notebooks, Pocket PC, and Handhelds

>>| SYSTEM REQUIREMENTS:

Card Slots: 1 Type II PCMCIA Card Slot
Memory: 32 MB
Disk Space: 10 MB
Disk Drive: CD ROM (Installation only)

FOR MORE INFORMATION

NORTH AMERICA AND ASIA

TEL: +1 604 232 1488
FAX: +1 604 231 1109

EUROPE

TEL: +44 20 8 622 3015
FAX: +44 20 8 622 3206

E-MAIL: SALES@SIERRAWIRELESS.COM
WEB SITE: WWW.SIERRAWIRELESS.COM

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SIERRA WIRELESS, THE LEADER IN WIRELESS DATA COMMUNICATIONS HARDWARE AND SOFTWARE PRODUCTS

Sierra Wireless is a recognized industry leader in developing wireless data products and enabling software for portable and industrial applications. Sierra Wireless's award winning products include:

- AirCard line of PC Cards
- Voq™ Professional Phone, a unique version of a Windows Mobile™-based Smartphone
- MP rugged wireless modem line for GSM/GPRS and CDMA 1X networks
- Embedded module series for CDMA 1X networks
- Software Development Kits (SDKs)

Now Sierra Wireless enhances your wireless access choices with high-performance GPRS products to meet your worldwide needs.



**SIERRA WIRELESS
AIRCARD® 750
TRI-BAND WIRELESS
NETWORK CARD FOR
GPRS & GSM NETWORKS**

>>| WORLDWIDE WIRELESS FOR THE WORLD WIDE WEB*

Instant access to critical information is key in today's rapidly expanding marketplace. The Sierra Wireless AirCard® 750 wireless network card for GSM networks, provides users with instant access to information anytime, anywhere around the globe.

The Sierra Wireless AirCard 750 is the leading wireless wide-area PC Card ideal for users in Europe, North America, and Asia. It operates as a tri-band wide-area network interface card (NIC) on the 900 MHz, 1800 MHz, and 1900 MHz GSM bands, providing mobile users with seamless wireless access and mobile freedom. It connects a user's laptop, handheld, or PDA directly to the Internet, Intranet, e-mail, and a host of other corporate applications without the need for a wireless phone or landline connection.

>>| SUPERIOR HIGH-SPEED PERFORMANCE

The Sierra Wireless AirCard 750 wireless network card provides today's mobile user with high-speed performance at speeds up to 80 kbps* for e-mail, web browsing, and other corporate applications.

It is the only PC card offered with multi-slot class 12 capabilities, offering the highest GPRS throughput available today. Additionally, the external hinged antenna is reliable, robust, and provides users with superior coverage and speed.

>>| SIMULTANEOUS GPRS AND SMS MESSAGING WITH ENHANCED FUNCTIONALITY

The Sierra Wireless AirCard 750 wireless network card provides simultaneous support for GPRS packet data and SMS messaging. This enables users to receive their SMS messages or voice calls while doing their e-mail or web browsing with only one device.

As a true network interface card (NIC), the Sierra Wireless AirCard 750 wireless network card provides the user with advanced

capabilities. These advancements include superior battery life through tighter cooperation with laptop or PDA power management, and reliable, seamless application support.

>>| SLIM, LEADING-EDGE DESIGN FOR EASY STORAGE AND USE

The slim and sleek profile of this unextended type II PC Card makes it easy to handle and store. Mobile users can either keep their AirCard 750 wireless network card inside the type II PCMCIA card slot of their laptop or handheld device or remove it for storage.

>>| SIMPLE INSTALLATION AND USE

The Sierra Wireless AirCard wireless network card seamlessly and effortlessly integrates into the Windows® notebook or handheld device. The application software components included with the Sierra Wireless AirCard 750 PC Card helps you install, configure, and manage your AirCard wireless network card.

>>| SIERRA WIRELESS AIRCARD 750 INNOVATIONS ADVANCE THE AIRCARD FAMILY

The proven technology of the Sierra Wireless AirCard wireless network card family has established the leadership of Sierra Wireless in designing breakthrough wireless connectivity products.

Sierra Wireless AirCard wireless network cards are a two-time Mobile Insights award winner, including "Best PC Card". It's not only the first ever wide-area wireless network interface card (NIC), but also has the lowest battery drain in its class.

Sierra Wireless is your only source for wireless data.

Go Wireless. Get connected with the Sierra Wireless AirCard 750 wireless network card.

*See service provider for details



- **WORLDWIDE USE WITH TRI-BAND OPERATION**
- **BEST OVERALL THROUGHPUT OF ANY GPRS PC CARD AVAILABLE (MULTISLOT CLASS 12 CAPABILITY)**
- **CAPABLE OF WIRELESS DATA SPEEDS UP TO 56 Kbps**
- **RECEIVE SMS MESSAGES OR VOICE CALLS WHILE ACCESSING E-MAIL AND BROWSING THE WEB**
- **EXTEND YOUR BATTERY LIFE WITH THE LOWEST POWER CONSUMPTION OF ANY GPRS PC CARD**
- **SIM CARD FUNCTIONALITY**

EMPOWERING NOW

Complete your work.

Connect with your world.

Enjoy life your way.