

AIRCARD® 580

WIRELESS WIDE-AREA PC CARD FOR CDMA 1xEV-DO NETWORKS

>>| NEXT GENERATION HIGH-SPEED WIRELESS DATA:

Leveraging the latest high-speed CDMA2000® 1xEV-DO technology, the Sierra Wireless AirCard 580 provides wide area wireless access to e-mail, the Internet and corporate applications for today's mobile professional or the enterprise. Using the AirCard 580, which supports peak data speeds of 2.4 Mbps, users can enhance their productivity and improve efficiencies while working on the road.

>>| DEPENDABLE WIRELESS DATA COVERAGE:

The standard Type II PC Card requires no connection cables and connects to North American CDMA2000® 1xEV-DO* and 1xRTT networks. The AirCard 580 is also backwards compatible to IS-95A and IS-95B and allows users access to critical information in regions that currently don't provide CDMA 1xEV-DO coverage.

*Where available.

>>| SIMPLE INSTALLATION OFFERING EASE OF USE:

The Watcher™ software for the AirCard 580 is simple to install and easy to use for notebook users. The included components help users install, configure, and manage the AirCard 580, resulting in easy wireless connectivity and a user-friendly experience.

>>| UNIQUE DESIGN:

Proprietary antenna features coupled with a convenient, portable form factor provide users enhanced functionality and performance when on the road. Small and lightweight, the AirCard 580 is easy to carry with a notebook or laptop and uses less battery power while still achieving maximum product performance.

Sierra Wireless is your only source for wireless data.

Go Wireless. Get connected.



- CDMA2000® 1xEV-DO NEXT GENERATION HIGH-SPEED WIRELESS DATA
- DUAL-BAND OPERATION: 800 MHz AND 1900 MHz
- SUPPORTS RECEIVER DIVERSITY AT 1900 MHz
- HIGH-SPEED WIRELESS DATA ACCESS UP TO 2.4 MBPS
- STANDARD 32-BIT CARDBUS ELECTRICAL INTERFACE FOR EFFICIENT POWER MANAGEMENT
- RUGGED, UNIQUE FORM FACTOR, BUILT WITH LIGHTWEIGHT MATERIALS
- SIMPLE INSTALLATION AND A USER-FRIENDLY EXPERIENCE

EMPOWERING NOW

Close the deal.

Achieve your targets.

Enjoy your success.


SIERRA WIRELESS
HEART OF THE WIRELESS MACHINE®



AIRCARD® 580
WIRELESS WIDE-AREA PC CARD
FOR CDMA 1xEV-DO NETWORKS

TECHNICAL SPECIFICATIONS

>>| AIRCARD 580

Type II PC Card
CDMA 1xEV-DO
CDMA2000® 1xRTT
IS-95A/B

>>| OPERATING SYSTEMS SUPPORT:

Windows® 98SE
Windows® Me
Windows® 2000
Windows® XP

>>| SYSTEMS REQUIREMENTS:

Card slots: 1 Type II PC Card slot (CardBus)
Memory: 32 MB
Disk Space: 14 MB
Disk Drive: CD ROM

>>| PROCESSOR:

Pentium 150 MHz or higher
Dial Up Networking: DUN bound to TCP/IP

>>| CDMA:

PCS Transmit 1805 to 1870 MHz
PCS Receive 1715 to 1780 MHz
Cellular Transmit 824 to 849 MHz
Cellular Receive 868 to 894 MHz

>>| ENVIRONMENT:

Operating Temperature: -10 to 60° C
Storage Temperature: -20 to 65° C

>>| POWER CONSUMPTION:

Transmit Current: 410 mA (1xEV-DO mode)
Standby Current: 143 mA (Hybrid mode)

>>| APPROVALS:

Compliant with IS-95A, IS-95B, IS-2000
Release 1.0 (CDMA2000® 1X)
IS-707-A Data, IS-856 (CDMA2000® 1xEV-DO)
IS-866, IS-878, IS-890
CDMA Developers Group
Compliant with FCC Parts 15, 22 and 24

>>| SIERRA WIRELESS WATCHER SOFTWARE:

Easy Installation
User-friendly interface

FOR MORE INFORMATION

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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
- MP rugged wireless modem line for GSM/GPRS and CDMA2000® 1X networks
- Embedded module series for CDMA2000® 1X networks
- Software Development Kits (SDKs)

Now Sierra Wireless enhances your wireless access choices with high-performance CDMA 1xEV-DO products to meet your worldwide needs.



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AIRCARD® 580**
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PC CARD FOR
CDMA 1xEV-DO NETWORKS