HOME DESKTOP AND NOTEBOOK COMPUTER USE WITH NEW USB DESIGN:

The AirCard® 595U USB modem is the newest addition to the Sierra Wireless family of wireless products. Packaged in a stylish, compact form factor, the AirCard 595U USB modem can plug directly into any USB port or via the docking cradle. It is a portable solution for enterprise & home use, offering the best mobile and fixed wireless alternative on the market. Compatible with both Microsoft Windows and Mac OS X operating systems, the AirCard USB modems offer customers a flexible alternative to both PCMCIA and ExpressCard solutions.

NEXT GENERATION EV-DO WIRELESS DATA:

Leveraging the latest high-speed EV-DO Revision A technology, the Sierra Wireless AirCard 595U USB Modem provides wide area wireless data access at speeds up to 3.1 Mbps download and 1.8 Mbps upload. Users can expect average upload speeds to improve to 350-500 Kbps (from 70-144), while download speed improves to 450 Kbps-1.4 Mbps (from 300-600). The faster upload data speeds provide a richer experience for large file uploads and media/video streaming.

LBS SUPPORT AND BUILT-IN GPS ANTENNA:

The AirCard 595U includes built-in GPS capability and support for LBS. As an example, using the exact location of the

modem, users can acquire accurate mapping directions to client appointments or locate the closest restaurant, hotel or gas station.
*Dependant on network operator support

A variety of applications are well suited for using with the AirCard 595U USB modem:

Consumer	Business	Applications
●	●	Email – Increased speed to send large files
●	●	Internet/Intranet Access
●	●	Video Conferencing and Surveillance
●		Real-time Media Streaming
●		Online Gaming
	●	Corporate Server (using VPN) Access
	●	Online Field Service Systems
	●	Healthcare/Insurance, sending images

HIGH PERFORMANCE ANTENNA DESIGN OFFERS INCREASED RELIABILITY:

Sierra Wireless has developed a new design for the AirCard 595U USB modem antenna. With the new highly efficient and receptive antenna the AirCard 595U USB modem provides end users with the fastest, most reliable connections with improved speeds and extended coverage through better network signal acquisition in medium to low signal strength areas.

TO ENHANCE SIGNAL COVERAGE & PERFORMANCE:

A new robust antenna connector is provided for attaching an optional external antenna.

SIMPLE INSTALLATION AND USE:

Easy-to-install, easy-to-use Watcher™ software provides a common look and feel across all Sierra Wireless products. Familiar signal strength, byte counter, network type and other connection parameters are displayed, along with a detailed Help File to enhance the user experience.

SIERRA WIRELESS RELIABILITY AND SUPPORT:

Sierra Wireless has over 13 years experience and a solid reputation for high quality data products backed by a dedicated field and call center support team. The first to globally launch EV-DO PC Cards and Embedded Modules, Sierra Wireless has an install base of thousands of enterprise Notebook PCs and M2M applications. For customers, AirCard means lowest ownership costs due to device reliability, integration ease and reduced support issues.

SIERRA WIRELESS
HEART OF THE WIRELESS MACHINE®

Notebook or Desktop Use

Compact, Stylish Design

GPS and LBS Support

USB connector extends to 90, 135 or 160 degrees for convenient positioning.

90^0

135^0

160^0

■ **STYLISH, PORTABLE USB SOLUTION FOR HOME & BUSINESS USE**

■ **UP TO 3.1 MBPS DOWNLOAD, 1.8 MBPS UPLOAD FOR LARGE FILE TRANSFER AND MEDIA STREAMING**

■ **BUILT-IN GPS ANTENNA AND SUPPORT FOR LOCATION BASED SERVICES (LBS)**

■ **DUAL-BAND, DIVERSITY OPERATION: 800 MHZ AND 1900 MHZ**

■ **SIMPLE INSTALLATION AND A USER-FRIENDLY EXPERIENCE**

SIERRA WIRELESS
HEART OF THE WIRELESS MACHINE®

AIRCARD® 595U
FOR EV-DO
REVISION A NETWORKS

TECHNICAL SPECIFICATIONS

TECHNOLOGY:
USB Modem
MSM 6800 Chipset
CDMA 1xEV-DO (Revision A)
CDMA 1xEV-DO (Release 0)
CDMA 1xRTT
CDMA IS-95

BANDS
Cellular / 800 Mhz
  Transmit 824-849 MHz
  Receive 868-894 MHz
PCS / 1900 Mhz
  Transmit 1850 to 1910 MHz
  Receive 1930 to 1990 MHz
Receive Diversity (both bands)

OPERATING SYSTEM SUPPORT:
Windows® Vista
Windows® XP
Windows® 2000
Mac OS X

ENVIRONMENTAL:
Operating Temperature: -30 to 60° Celsius
Storage Temperature: -40 to 85° Celsius

POWER CONSUMPTION:
Voltage: 5.0 V
USB Port: 500 mA
Li-Poly Battery: 380 mA

STANDARDS/APPROVALS
FCC Part 2, 15, 22, 24
CDG Stages 1, 2, 3
IS-2000, IS-98D/E
IS-127, IS-134
IS-637B, IS-683A
IS-707A, IS-718, IS-733
IS-835A, IS-856, IS-866
JESD22-A114-B, JESD22-C101
Microsoft WHQL
USB2.0
Other carrier specific approvals

SINGLE SYSTEM REQUIREMENTS:
One USB Port
System: Pentium 150 Mhz or higher
Memory: 32 MB
Disk Space: 32 MB
Disk Drive: CD-ROM

DIMENSIONS:
93mm (L) 39mm (W) x 20mm (H)
Weight: 60 grams (includes battery)

PACKAGE CONTENTS:
Sierra Wireless AirCard 595U USB Modem
Rechargeable battery
Docking Cradle with attached USB cable
Quick Start Guide
CD including Watcher™ connection software,
user manual and warranty information

ACCESSORIES:
Visit www.sierrrawireless.com/estore for
the full accessory line from Sierra Wireless.

FOR MORE INFORMATION
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Tel: +1 604 232 1488
Fax: +1 604 231 1109

E-mail: sales@sierrawireless.com
Web site: www.sierrawireless.com

SIERRA WIRELESS, THE LEADER IN WIRELESS WIDE AREA MOBILE COMPUTING

Sierra Wireless is a recognized industry leader in developing wireless data products and enabling software for

portable and industrial applications. Sierra Wireless's products include:

- AirCard® line of PC Cards, ExpressCards and USB Modems

- Line of PCI Express Mini Cards for HSPA and EV-DO REV A networks

- MP rugged wireless modem line for HSDPA and EV-DO REV A networks

- Embedded module series for CDMA 1X, and CDMA 1xEV-DO networks

- Software Development Kits (SDKs)

Now Sierra Wireless enhances your wireless access choices with high-performance broadband wireless products to

meet your worldwide needs.

SIERRA WIRELESS
HEART OF THE WIRELESS MACHINE®

SIERRA WIRELESS
AIRCARD 595U
WIDE-AREA WIRELESS
USB MODEM

FOR CDMA 1XEV-DO
REVISION A
NETWORKS