

AIRCARD® 885E WIRELESS WIDE-AREA EXPRESSCARD FOR 7.2 MBPS HSPA NETWORKS

AirCard® 885E for HSPA Networks

Technical Specifications

■ Technology

ExpressCard/34
MSM7200A Chipset
UMTS with HSDPA Category 8
(7.2 Mbps downlink)
HSUPA Category 5 (2.0 Mbps uplink) &
Upgradeable to Category 6 (5.76 Mbps)
EDGE/GPRS MS Class 12
WCDMA receive equalizer with dual
antenna diversity
SIM, USIM, and SIM+ compatible
PS/SC interface

■ Bands

850/1900/2100MHz WCDMA
Power class 3 (+24dBm)
850/900MHz GSM/GPRS/EDGE
GSM Power class 4/EDGE E2
1800/1900 MHz GSM/GPRS/EDGE
GSM Power class 1/EDGE E2
GPS/1575 MHz

■ Antenna Diversity Support

AIRCARD 885E: 850/1900/2100 MHz

■ Operating System Support

Windows® Vista
Windows® XP
Windows® 2000
Mac OS X

■ Environmental

Operating Temperature: -20 to +60° Celsius
Storage Temperature: -30 to +85° Celsius
RoHS Compliant

■ Dimensions

107mm (L) x 34mm (W) x 18.5mm (H)
Weight: 40 grams

■ Standards/Approvals

FCC
CE
A-tick
PTCRB
GCF
Industry Canada
GSM/GPRS/EDGE Release 99 and
GERAN
Feature Package #1
WCDMA 3GPP TS25.101 Release 5 and
HSUPA Release 6
Microsoft WHQL
Other carrier and country specific
approvals

■ Package Contents

AirCard 885E ExpressCard modem with
TRU-Install Software Installation
Carry Case
Quick Start Guide

■ Accessories

Visit www.sierrawireless.com/estore for
the full accessory line from Sierra Wireless.

■ For More Information

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CONNECTING PEOPLE AND SYSTEMS TO MOBILE BROADBAND NETWORKS AROUND THE WORLD

Sierra Wireless is a recognized industry leader in developing wireless data products and enabling software. Sierra Wireless modems and software connect people all over the world with mobile broadband networks that keep them in touch, informed, and productive from wherever they need to be. The Company offers a diverse product portfolio addressing enterprise, consumer, original equipment manufacturer, machine-to-machine, and specialized vertical industry markets. Sierra Wireless also provides professional services to customers requiring expertise in wireless design, integration, and carrier certification.

For more information, please visit our website, www.sierrawireless.com.

SIERRA WIRELESS
AIRCARD® 885E

ExpressCard Standard

Stylish, Compact Design

Simple Installation & Use



AIRCARD® 885E WIRELESS WIDE-AREA EXPRESSCARD FOR 7.2 MBPS HSPA NETWORKS

■ Next Generation Express-Cards from Sierra Wireless

Get connected to the fastest HSPA networks with the AirCard 885E Express-Card from Sierra Wireless. The AirCard 885E is designed for new notebooks with industry standard ExpressCard/34 and ExpressCard/54 slots and provides high speed wireless data access at speeds up to 7.2 Mbps downlink and 2.0 Mbps uplink. It brings style and the most compact design to Sierra Wireless's line of ExpressCard modems and with its durable design it'll survive life on the road with you. It also features no-CD installation support for Microsoft Windows and Mac OS X users – so getting up and running is simpler and faster than ever before.

Faster HSUPA network speeds provide a rich experience on a wide variety of applications.

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
	•	Healthcare/Insurance, sending images

- UP TO 7.2 MBPS DOWNLINK, 2.0 MBPS UPLINK FOR LARGE FILE TRANSFER AND MEDIA STREAMING
- UPGRADEABLE TO 5.76 MBPS DOWNLINK
- RECEIVE DIVERSITY ON ALL THREE BANDS FOR STRONGEST SIGNAL STRENGTH
- DURABLE, COMPACT, HIGH PERFORMANCE ANTENNA DESIGN
- TRU-INSTALL PLUG-AND-PLAY SOFTWARE INSTALLATION FOR A USER-FRIENDLY EXPERIENCE

TRUDurability™

TRUDiversity™

TRUInstall™

TRUPowerSave™

TRUFlow™

■ Worldwide Roaming With the AirCard 885E

Travel worldwide and the AirCard 885E works with you wherever you go. With tri-band HSPA functionality, the AirCard 885E ExpressCard provides global wireless data connectivity on the 850, 1900, and 2100 MHz UMTS bands. In areas where HSPA is not available, the AirCard 885E is backwards compatible to UMTS and EDGE/GPRS networks so you'll stay connected.* As well, with Receive Diversity supported on all UMTS bands (850, 1900 and 2100 MHz), the AirCard 885E is optimized to maintain a stable connection and to perform better in fringe network areas.

*Subject to network deployment and roaming agreements

■ High Performance Antenna Design with TRU-Diversity™ and TRU-Durability™

The AirCard 885E features a new compact antenna design and TRU-Diversity, Sierra Wireless's Data Antenna Technology offering the fastest speed, strongest signal strength and most stable connection possible. Truly built to deal with the rough and tumble reality of constant travel and use, these modems feature TRU-Durability. The fixed, internal antenna was designed with no moving parts, high strength plastics and a compact industrial design. A robust antenna connector is also provided for attaching an optional external antenna.

■ Simple Installation and Use With TRU-Install™ and TRU-PowerSave™

The AirCard 885E features TRU-Install, Sierra Wireless's plug-and-play software installation experience. A CD is no longer required so you're up and running in fewer steps and less time! Plus, if you switch to a new laptop or desktop, Compass will automatically begin the installation setup and you won't need to search for a setup CD. Our ExpressCard modems also feature TRU-PowerSave, Sierra Wireless's advanced power control that reduces battery drain on your notebook and optimizes modem performance under variable network conditions.

■ Sierra Wireless Reliability and Support

Sierra Wireless has over 14 years' experience and a solid reputation for high quality data products backed by a dedicated field and call center support team. For customers, the AirCard® brand means realizing the lowest ownership costs due to device reliability, integration ease and reduced support issues.

