

expedite®
E760



3.1 Mbps EV-DO PCI Express Mini Card Embedded Module with High-Speed Data and Voice

Novatel Wireless' Expedite® E760 PCI Express Mini Card is an embedded module that can be integrated into laptops and other devices for 3G mobile data applications. Powered by Qualcomm® QSC6085 chipset, the Expedite E760 offers high performance to the user on 800 and 1900 MHz CDMA networks.

Broadband Data Speeds on the Move

3G CDMA EV-DO Rev. A technology provides data speeds up to 3.1 Mbps[†] (greater than many wired broadband data services). Offers fast, wireless broadband speeds to customers and helps them achieve the LAN-like mobility for which the industry has strived. It helps increase productivity to the max while maintaining contact with clients, colleagues and family.

Anytime...Anywhere

The small Expedite E760 module leverages the CDMA EV-DO and 1xRTT networks. Automatic switching between networks enables your customers to work, play, and stay connected anytime, anywhere worldwide[†].

Performance When It Counts...

High efficiency compact broadband design provides consistent throughput performance. The condensed trace routing and compact component layout increases power efficiency and decreases overall weight. WHQL certified with on/off NDIS capabilities and a complete Software Development Kit provides flexibility and **expedites** product development.

GPS Capability

Allows you to retrieve location data from GPS satellites and utilize GPS navigation and location-based applications.

Technology Revolution

Broadband data speeds, enhanced applications, and extended coverage provide full mobility for the fast paced world we live in.



[†] Network/Operator dependent.



3.1 Mbps EV-DO PCI Express Mini Card Embedded Module with High-Speed Data and Voice

Technology/Bands

- CDMA 1xEV-DO Rev. A
- CDMA 1xRTT
- CDMA 800/1900MHz
- Standalone, MS, and GPS XTRA

Data Speeds†

- 1.8 Mbps Upload
- 3.1 Mbps Download

Dimensions and Weight

- PCI Express Mini Card Form Factor
- Size - 51 x 30 x 4.4 mm (H x W x D)
- Weight - 10 g

Host Interface

- PCI Express Mini Card Standard Interface
- USB
- LED control
- Optional RUIM
- Antenna - 50 Ohm compatible

Power consumption

- Voltage 3.0-3.6 v
- Optimized for low current drain

Environmental

- Spec Compliant*
- Operating temperature: -20°C to 60°C (-4°F to 140°F)
- Storage temperature: -40°C to 85°C (-40°F to 185°F)



Vendor Developer Kit

- Module not included; ordered separately.

Optional Voice Services

- PCM Audio
- Circuit Switched
- Voice Standards
 - IS-127
 - IS-733A
 - 13K QCELP
 - EVRC

MobiLink™ Connection Manager & SDK

API Features

- Text Messaging
 - Full SMS Client supporting 2-way SMS
 - Quick SMS e-mail feature
- Plug & Play
- Multiple Languages available
- Dialup Connection
- Signal strength
- Connection Status
- Auto-Connect
- Auto-Select Network
- Timers/Counters
 - Data call duration
 - Data byte count
- NDIS & EAP-SIM Support
- Address Book
- Network Profile
- Help Menu & Self Diagnostics
- Power Management – standby & hibernate selective suspend
- DIAG & AT Commands
- Field Test Data
- Complete Session Statistics
- SDK with Application Program Interface

Standards/Approvals/Certifications

- IS-866 (CDMA 1xEV-DO Rev. A)
- IS-866 (CDMA 1xEV-DO Rev. 0)
- IS-856-A (CDMA 1xEV-DO Rev. A)
- IS-856 (CDMA 1xEV-DO Rev. 0)
- IS-2000 (CDMA 1xRTT)
- IS-707-A Data
- IS-637-A SMS
- IS-683-A Service Provisioning
- Support for GpsOne™
- FCC Type Acceptance
- CDG Stage 1, 2, 3
- Microsoft WHQL
- NDIS driver support
- RoHS compliant

Operating Systems Supported

- Windows® Vista, XP & 2000
- Linux 2.6.16 or higher (SDK Available)

Vendor Development Kit

- Interface board
- Power supply
- USB cable
- MobiLink SDK
- Antennas (2)
- Embedded Developer's Guide

For More Information:
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NASDAQ: NVTL
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† Network operator dependent

* Extended temperature ranges available depending on application