

expedite®  
E362



## 4G LTE PCI Express Mini Card Embedded Module - Beyond Broadband Data Rates

Novatel Wireless' Expedite® E362 PCI Express Mini Card is an embedded module that can be integrated into laptops and other devices for 3G/4G mobile data applications. Powered by Qualcomm® MDM9600 chipset, the Expedite E362 offers high performance to the user on LTE 700 MHz with global fallback to CDMA and HSPA+/UMTS.

### Beyond Broadband Data Speeds on the Move

LTE technology provides data speeds up to 100 Mbps<sup>†</sup> (much greater than many wired broadband data services). Offers fast, wireless broadband speeds to customers and helps them achieve blistering fast connection speeds adequate for video streaming and VoIP.

### Anytime...Anywhere

The small Expedite E362 module leverages the LTE, CDMA, and HSPA+/UMTS networks. Switching between networks enables your customers to work, play, and stay connected anytime, anywhere worldwide<sup>†</sup>.

### 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.

### Advanced Antenna Technology

Expedite E362 comes equipped with "multiple input multiple output" (MIMO) and diversity antenna support technologies to maximize data throughput and operating range.

### GPS Capability

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

### Technology Revolution

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



<sup>†</sup> Network/Operator dependent.



## 4G LTE PCI Express Mini Card Embedded Module - Beyond Broadband Data Rates

### Vendor Developer Kit

- Module not included; ordered separately.



### Technology/Bands

- LTE 700 MHz (B13) (with MIMO)
- CDMA 850/1900MHz
- HSPA+/UMTS 850/900/1900/2100 MHz
- GPRS 850/900/1800/1900 MHz

### Data Speeds†

- 100 Mbps Download
- 50 Mbps Upload

### Advanced Technologies

- 2 x 2 MIMO - Enables industry leading data speeds
- Receiver Equalization - improves performance in noisy and highly mobile environments
- Receiver Diversity - improves performance at cell edges and in buildings

### Dimensions and Weight

- PCI Express Mini Card Form Factor - F2
- Size - 51 x 30 x 4.4 mm (H x W x D)
- Weight - 11 g

### Host Interface

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

### Power consumption

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

### Environmental

- Spec compliant\*
- Operating temperature: -30°C to 65°C (-4°F to 140°F)
- Storage temperature: -40°C to 85°C (-40°F to 185°F)

### 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

- 3GPP TS 36.101 (LTE)
- 3GPP Rel 5, 6, 7, 8 (HSPA+)
- 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)
- 3GPP Release 99 (GSM/GPRS)
- Support for GpsOne™
- CCF57
- GCF
- CE
- R+TTE
- Microsoft WHQL
- NDIS driver support
- RoHS compliant
- Halogen Free

### Operating Systems Supported

- Windows® 7, Vista, XP
- 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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† Network operator dependent

\* Extended temperature available depending on application