expedite®
E371

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

Novatel Wireless' Expedite® E371 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 the Qualcomm® MDM9200 chipset, the Expedite E371 offers high performance to the user on LTE 700 MHz and AWS bands with global fallback to HSPA+/UMTS.

Beyond Broadband Data Speeds on the Move

LTE technology provides data speeds up to 100 Mbps† (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 E371 module leverages the LTE and HSPA+/UMTS networks. 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.

Advanced Antenna Technology

Expedite E371 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.

† Network/Operator dependent.

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Technical Specifications

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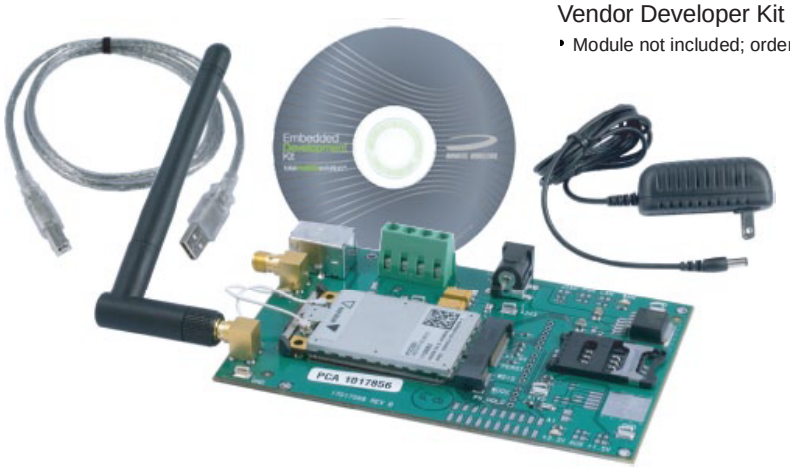

Vendor Developer Kit
- Module not included; ordered separately.

Technology/Bands
- LTE AWS, 700 MHz (B17) (with MIMO)
- HSPA+/UMTS 850/AWS/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 0hm compatible

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

Environmental
- Spec compliant*
- Operating temperature: -30ºC to 65ºC (-4ºF to 140ºF)
- Storage temperature: -40ºC to 85ºC (-40ºF to 185ºF)

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+)
- 3GPP Release 99 (GSM/GPRS/EDGE)
- Support for GpsOne™
- CCF57
- PTCRB
- Microsoft WHQL
- NDIS driver support
- RoHS compliant
- Halogen Free
- FCC
- Industry Canada
- CE Mark
- SUPL 2.0

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:
e-mail: sales@nvtl.com

NASDAQ: NVTL
www.novatelwireless.com

† Network operator dependent

* Extended temperature available depending on application

NOVATEL WIRELESS

ISO 9001:2000 Certified

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