

# GlobeTrotter<sup>®</sup> Express 441



## Super-fast, multiband HSPA ExpressCard Compact and transportable wireless broadband

- > Super-fast ADSL speeds - uploads up to 5.76Mbps, downloads up to 7.2Mbps
- > Quad band HSPA and Quad band EDGE for worldwide connectivity
- > Retractable Traveler Antenna with Auto-connect and Airsafe modes
- > Plug 'n' Play Zero-CD<sup>®</sup> technology
- > User-friendly front access SIM slot
- > Optional Cardbus converter ensures legacy PC compatibility



# GlobeTrotter® Express 441

Designed for the busy professional, the GlobeTrotter® Express 441 (GE441) is top of its class in both performance and style. Although incredibly small, it contains the latest quad-band HSPA technology, delivering the best available performance in virtually every country of the world. It also offers excellent backwards compatibility with previous WCDMA and GSM standards.

Protecting your investment, the retractable Traveller Antenna gives you the convenience of a built-in solution with the upgradeability of an ExpressCard. For strength and reliability the GE441 has an all-metal antenna slider. For convenience it has a front access push-push SIM holder. An optional converter is available, enabling you to achieve peak performance from laptops equipped with a Cardbus interface.

Using this advanced device is simplicity itself. Zero-CD® technology automatically installs all necessary software the first time it is inserted. Pull out the Traveller Antenna and the device powers up, connecting to the Internet automatically. Stow the antenna and the connection stops, leaving you free to travel without removing the GE441 from its slot.

Last but not least the sleek design of the GE441 is the perfect complement to today's stylish laptops.

**Worldwide coverage**  
through quad-band  
HSUPA/HSDPA/UMTS,  
quad-band EDGE/GSM

**Transparent handover**  
between UMTS and GSM/EDGE networks

**Advanced Receiver Technology**  
incorporating Receiver Diversity  
and Equalization

**Fit and Forget convenience**  
Auto-power down  
airplane safe operation

**Zero-CD® Plug 'n' Play technology**

**Super-fast**  
HSUPA upload up to 5.76Mbps,  
HSDPA and UMTS download up  
to 7.2Mbps

**Optional Cardbus-ExpressCard Converter**

**Retractable antenna for transportability**

## Specifications

### HSUPA/HSDPA/UMTS Air Interface

- > WCDMA
  - > GE441: 850/900/1900/2100 MHz
  - > GE442: 850/1900/AWS/2100 MHz
- > Release 6 compliant
- > HSUPA Category 6 (5.76Mbps)
- > HSDPA Category 8 (7.2Mbps)
- > UE Power Class 3

### EDGE/GSM AIR INTERFACE

- > 850/900/1800/1900 MHz
- > EDGE Power Class E2, GSM Power Class 1 at 1800/1900 MHz and Power Class 4 at 850/900 MHz; coding scheme UL & DL – CS 1-4, MCS 1-9
- > Packet-switched data:
  - > Multislot (E)GPRS Class 12, (E)GPRS Class B Type 1 MT
  - > Streaming, Background and Interactive QoS Classes supported
- > Circuit-switched data: 14.4, 12.2 and 9.6Kbps

### Terminal Equipment Interfaces

- > Drivers: Windows™ XP Pro/Home, Vista, Mac OS X and Linux
- > SIM-ME interface as specified in 3GPP TS11.11 and GSM 11.12 with compliance to ISO 7816
- > SIM Application toolkit capable SIM
- > NDIS or Standard modem emulation for compatibility with terminal programs/diallers and for use with proprietary operating systems
- > AT Interface 3GPP TS27.005, ATD\*99# and ATD\*99\*\*\*<CID># support
- > Multiple communication ports for simultaneous data call and network coverage reports

## Hardware specifications

- > Card Type: ExpressCard/34
- > Multicolor LED for GPRS/UMTS/HSPA status
- > Additional Software controllable LED
- > RoHS Compliant
- > SIM card interface compliant with 3GPP 31.101 and 31.102 supporting 1.8 and 3V UICCs
- > Environmental operating temperature: 0 to +55°C

## Approvals & Certifications

- > All applicable regulatory approvals, Operator and Infrastructure IOT
- > Microsoft WHQL certified drivers



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