



# GlobeTrotter **EXPRESS 7.2**

- Wireless DSL-like speed up to 7.2 Mbps
- Future-proof slim-line ExpressCard design (34 mm width)
- Worldwide connectivity by Multi-standard (HSDPA, UMTS, EDGE and GPRS) and Multi-bands support
- Faster and more stable connectivity with two antennas and Advanced Receiver Technology
- Plug 'n Play through Zero-CD™ technology
- Compatibility assured with legacy PC's: optional Compact Cardbus-ExpressCard Converter



## About GlobeTrotter **EXPRESS 7.2** (Models: GE 201 / GE 202)

The GlobeTrotter EXPRESS 7.2 gives you Option's proven performance and reliability in the new ExpressCard/34 format. Within its compact form we provide a multi-band, multi-technology receiver offering the best receiver speeds available today.

The unique fold-out antenna increases reliability in weak signal areas and is part of our Advanced Receiver Technology (ART) package, bringing the benefits of Receive Diversity and Receive Equalization. Both are essential for getting maximum performance in today's hostile radio environment.

Backward compatibility ensures HSDPA connections at lower data rates of 3.6 Mbps and 1.8 Mbps. The wireless data card has inherent support for

3G operation at 384 Kbps in conjunction with quad-band EDGE and GPRS. Optionally, the GlobeTrotter EXPRESS 7.2 can be supplied with our Compact Cardbus-ExpressCard/34 Converter ensuring compatibility and peak performance for laptops equipped with a Cardbus interface.

The GlobeTrotter EXPRESS 7.2 uses Option's Zero-CD™ technology. Applications, manuals and drivers are distributed and installed immediately when the GlobeTrotter EXPRESS 7.2 is inserted for the first time.

There is no need for CD installation or bulky printed book, GlobeTrotter EXPRESS 7.2 is a truly unique Plug 'n Play solution.

## Features

- Worldwide coverage through triple-band HSDPA/UMTS, quad-band EDGE/GSM
- Multimode HSDPA/UMTS/EDGE/GPRS/GSM card
- Advanced Receiver Technology incorporating Receiver Diversity and Equalization
- Zero-CD™ Plug 'n Play technology
- Provides HSDPA and UMTS High-speed data (up to 7.2 Mbps) connectivity for mobile users
- Provides EDGE/GPRS/GSM data (up to 247 Kbps) connectivity
- Transparent hand-over between UMTS and GSM/EDGE networks
- Compatible with nearly all popular notebook PC's equipped with ExpressCard/34 card slot
- Optional Cardbus-ExpressCard Converter
- Securely access corporate resources with its transparent support for IPsec and VPN technology
- PCSC-driver for EAP-SIM and other 3-party applications in need of a Smart Card Interface
- Supports third party applications that provide Video Telephony (3GPP 3G-324M, H.324, H264 Baseline Video), SIP, SMS, IM, MMS, Internet and e-mail
- Comprehensively tested on infrastructures and networks worldwide
- Future proofing through Flash Memory technology



## Specifications

- HSDPA/UMTS Air Interface:
  - WCDMA 850/1900/2100 MHz
  - 3GPP FDD compliant, up to 7.2 Mbps Peak Rate
  - UE Power Class 3
  - High Speed packet-switched data:
    - Support for UMTS QoS traffic classes
    - Support for PPP, IP transparent and non-transparent modes
  - Circuit-switched data Single-RAB streaming: 64, 57.6, 28.8 and 14.4 Kbps
  - Dual antenna Receiver Diversity
    - GE 201: EMEA variant supporting diversity on 2100 MHz
    - GE 202: World variant supporting diversity on 850 and 1900 MHz
  - Receiver Equalisation
- 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 9.6 kbps
- Terminal Equipment Interfaces:
  - Drivers: Windows™ 2000 Pro, Personal and XP Pro/Home, Vista and MAC OS X.
  - A PCSC compatible driver, compliant with ISO 7816 and 3GPP TS11.11
  - SIM-ME interface as specified in 3GPP GSM TS11.11 and GSM 11.12 and in compliance with ISO 7816
  - SIM Application toolkit capable SIM to 3GPP GSM TS11.14
  - 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
- Miniature External Antenna Connection
- Red LED for GSM/GPRS/EDGE and blue LED for HSDPA/UMTS
- 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
- RoHS Compliant



GlobeTrotter Ex Converter, Model GE 001  
Optional Compact Cardbus - ExpressCard Converter



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