



GlobeTrotter **EDGE**

- Ultra compact design
- Stow-away pop-up antenna
- Worldwide connectivity with Multi-band support
- EDGE and GPRS Internet technology



About GlobeTrotter **EDGE** (Model: GT 8401)

GlobeTrotter EDGE is our classic EDGE PC Data Card solution delivering broadband wireless capability to laptops and notebooks by providing EDGE and GPRS technologies in a single PC Card package.

In an EDGE network, GlobeTrotter EDGE enables connection to the Internet at data speeds up to 247 Kbps using EDGE.

In areas where EDGE services are not available, the GlobeTrotter EDGE still

enables reliable and secure data connections over GPRS.

GlobeTrotter EDGE opens up the world of mobile broadband wireless communication and is your reliable gateway to the Internet, e-mail, and office applications with real-time secure VPN access to corporate applications whilst on the move.

Features

- Quad-band radio card suitable for use on EDGE/GPRS/GSM networks worldwide
- EDGE 236.8 Kbps high-speed data performance, GPRS/GSM data speeds to 85.6 Kbps (Network dependent)
- PTCRB (1900/850), GCF (900/1800) compliant
- Compatible with most notebooks and PDA's providing a Type II PC-Card slot and utilising Microsoft Windows™ Operating Systems
- Supports IPSec client software for end-to-end secure corporate data exchange and synchronisation over VPN

Specifications

- EDGE/GPRS/GSM Air interface:
 - . Quad-band operation GSM 850, EGSM 900, DCS 1800, PCS 1900
 - . GSM Power Class 4 (2W) for 850/900 bands, GSM Power Class 1 (1W) for 1800/1900 bands
 - . EDGE class E2 (+27 dBm in 850/900 bands, +26 dBm in 1800/1900 bands)
 - . GSM/GPRS Rel '97; PCS1900 Rel '98; EDGE Rel '99 compliant
- EDGE/GPRS (PS) feature set:
 - . GPRS/EDGE Multislot Class 10 (4 slots Rx, 2 slots Tx, 5 max active)
 - . GPRS/EDGE Class B Type 1 MT
 - . GPRS CS1-CS4; EDGE MCS1-MCS9
 - . Link Adaptation, readily mixing GMSK & 8PSK slot-by-slot
 - . Incremental redundancy (IR)
 - . Primary and secondary PDP context activation/modification
 - . GERAN Feature Package 1
 - . Packet flow context functionality: for supporting different QoS under the same PDP context
- GSM feature set:
 - . GSM Circuit Switched data: 14.4 and 9.6 Kbps
- WLAN Support:
 - . PCSC compliant SIM interface for EAP-SIM WLAN authentication
- Terminal Equipment interfaces:
 - . Operating Systems: Windows™ 98SE/ME/2000/XP/XP Tablet XP Pro
 - . WHQL certified drivers
 - . AT interface with standard modem emulation for compatibility with terminal programs/dialers and non-Microsoft operating systems
 - . 3GPP TS 27.010 Multiplexer for simultaneous calls and network coverage reports

Hardware specifications

- Card Type: Cardbus, Extended Type II PCMCIA compliant, 3.3V
- External Interfaces: Miniature External Antenna Connection, 1 red status LED
- SIM card interface: 3.0V interface
- Memory: 32 Mb Flash Technology for easy upgrade



As part of their continual product improvement process, Option reserves the right to alter the specifications for the product detailed here. "GlobeTrotter Edge" is a registered trademark of Option.