



**GLOBETROTTER GT MAX 7.2 READY**  
MODEL: GX200 / GX202

TRI-BAND (WORLDWIDE) | 3G 3.6MBPS (HSDPA 7.2) | PC DATA CARD

The GlobeTrotter GT MAX '7.2 Ready' is the next generation of wireless data card designed by Option to be compatible with mobile operator infrastructure equipment capable of supporting higher data rates of up to 7.2 Mbps.

The GlobeTrotter GT MAX '7.2 Ready' includes Advanced Receiver Technology (ART) bringing the benefit of Receive Diversity and Receive Equalization. Both are essential for maximizing the benefit of HSDPA 7.2.

Initially supplied with HSDPA 3.6 the GlobeTrotter GT MAX '7.2 Ready' is field upgradeable when the network is configured for HSDPA 7.2. 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.

The GT MAX '7.2 Ready' is the first Option data card to use Zero-CD patented technology. This means that it is no longer a necessity for the user to pre-install drivers, or a software application, in order to use the data card. GT MAX is a truly unique Plug 'n Play solution: no user install, no user installed application, no driver CD.

GlobeTrotter GT MAX brings world-wide broadband wireless capability to laptops and notebooks by combining triple-band HSDPA/UMTS with quad-band EDGE/GPRS technologies in its revolutionary PC Card package. The design of the GlobeTrotter GT MAX incorporates Option's unique and patented "Butterfly" retractable antenna concept that frees you from the need to remove any part of your card from your notebook for transport.

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**OPTION**  
WIRELESS TECHNOLOGY



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### FEATURES

- › Worldwide coverage through triple-band HSDPA/UMTS, quad-band E-EDGE/GSM
- › Multimode HSDPA/UMTS/EDGE/GPRS/GSM card
- › Advanced Receiver Technology incorporating Receiver Diversity and Equalization
- › Patented Zero-CD Plug 'n' Play technology
- › HSDPA and UMTS High-speed data (up to 7.2 Mbps) connectivity for mobile users
- › Field upgradeable from 3.6 to 7.2 Mbps HSDPA
- › EDGE/GPRS/GSM data (up to 247 kbps) connectivity
- › Transparent handover between UMTS and GSM/E-EDGE networks
- › Compatible with nearly all popular notebook PCs equipped with Type II PC card slot and Microsoft Windows operating system
- › Transparent support for IPSec and VPN technology
- › PCSC-driver for EAP-SIM and other 3-party applications in need of a Smart Card Interface.
- › Support for third party applications such as Video Telephony (3GPP 3G-324M, H.324, H264 Baseline Video), SIP, SMS, IM, MMS, Internet and Email.
- › 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
    - > GX200 - EMEA variant supporting diversity on 2100 MHz
    - > GX202 - 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 with compliance to 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: Extended Type II PCMCIA compliant; 3.3V card. (32 bit Cardbus Interface).
- › 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
- › RoHS Compliant

### APPROVALS/CERTIFICATIONS

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

As part of their continual product improvement process Option reserve the right to alter the specifications for the product detailed here.  
\* 'GlobeTrotter GT MAX' is a registered trademarks of Option.

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