GLOBETROTTER GT MAX

TRI-BAND HSDPA 3G UMTS

HSDPA | 3G UMTS | EDGE | GPRS

GlobeTrotter GT MAX is the ultimate PC Data Card solution, bringing world-wide broadband wireless capability to laptops and notebooks by combining triple-band HSDPA/UMTS with quad-band EDGE/GPRS technologies in a 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.

On a 3G HSDPA network anywhere in the world, GlobeTrotter GT MAX enables connection to the Internet at data speeds of up to 1.8 Mbps. In areas where HSDPA service is not available the GlobeTrotter GT MAX still enables reliable and secure data connections over UMTS at up to 384 kbps, E-GPRS (up to 247 kbps) and GPRS (up to 85.6 kbps).

Connect anytime, anywhere!

GT MAX

GLOBETROTTER
MOBILITYMANAGER

OPTION
WIRELESS TECHNOLOGY

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FEATURES

> Worldwide coverage through tri-band HSDPA/UMTS and quad-band E-GPRS/GSM
> Multimode HSDPA/UMTS/E-GPRS/GPRS/GSM wireless data card
> Provides HSDPA and UMTS high-speed data (up to 1.8 Mbps) connectivity for mobile users
> Provides E-GPRS/GPRS/GSM data (up to 247 kbps) connectivity
> Transparent handover between HSDPA/UMTS and GSM/E-GPRS networks
> Compatible with nearly all popular notebook PCs equipped with Type II PC card slot and Microsoft Windows operating system
> 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 Email.
> Comprehensively tested on infrastructures and networks worldwide
> GlobeTrotter Mobility Manager application (Connection Manager and SMS centre)
> Future proofing through Flash Memory technology

SPECIFICATIONS

> HSDPA/UMTS Air Interface:
  - WCDMA 850/1900/2100 MHz
  - 3GPP FDD compliant, up to 1.8Mbps Peak Rate
  - UE Power Class 3 (+24 dBm)
  - 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
> EGPRS/GSM Air Interface:
  - EGPRS 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 10, (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 and Home, MAC OS X. NDIS 5.1 interface on request
  - 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
  - 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
> Blue LED for HSDPA/UMTS and Green LED for GSM/GPRS/EDGE
> SIM card interface compliant with 3GPP 31.101 and 31.102 supporting 1.8 and 3V UICCs
> Environmental Operating temperature: 0 to +55ºC

APPROVALS/CERTIFICATIONS

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