GLOBETROTTER FUSION QUAD

3G | GPRS | WLAN PC DATA CARD

GlobeTrotter FUSION QUAD is the ultimate PC Data Card solution delivering broadband wireless capability to laptops and notebooks by combining 3G UMTS, GPRS, and WLAN technologies in a single PC Card package.

On a 3G network, GlobeTrotter FUSION QUAD enables connection to the Internet at data speeds up to 384kbps. Move into range of a public WiFi hotspot, the corporate Wireless LAN, or your home wireless network and the GlobeTrotter FUSION QUAD provides connection at speeds up to 54Mbps. In areas where 3G or WiFi services are not available the GlobeTrotter FUSION QUAD still enables reliable and secure data connections over GPRS.

GlobeTrotter FUSION QUAD opens up the world of true mobile wireless broadband and is the ideal companion for the mobile professional enabling the Internet, Email, Video Conferencing, and office applications with real-time secure VPN access to corporate applications whilst on the move.

Using it's enhanced multi-band capability; connect anytime, anywhere!

FUSION QUAD

Wi Fi bg CERTIFIED

GLOBETROTTER MOBILITYMANAGER

OPTION WIRELESS TECHNOLOGY

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FEATURES

- Multimode WLAN/UMTS/GPRS/GSM card
- Provides UMTS High-speed data (up to 384 kbps) connectivity to mobile users
- Provides GPRS/GSM data (up to 85.6 kbps) connectivity
- Provides WLAN speeds up to 54 Mbps
- Provides transparent handover between UMTS and GSM/GPRS networks
- Optional seamless handover between WLAN and 2,5G/3G possible via third party software
- Compatible with nearly all popular notebook PCs and PDA's, equipped with Type II PC card slot and Microsoft Windows operating system
- Supports IPSec client software for end to end secure corporate data exchange and synchronisation over VPN
- Future proofing through Flash Memory technology
- 802.11 WEP encryption using 64 or 128-bit key and Wi-Fi certified WPA (802.1x and TKIP)
- Supports all major EAP, including EAP-SIM (3GPP TS 23.234) within the purview of 802.1x Authentication
- The embedded SIM reader is provided with a related API Interface: PC SC-driver

SPECIFICATIONS

- WLAN Air Interface:
  - WLAN 802.11g (backwards compatible with 802.11b)
  - UE power up to 19,5dBm (89mW)
  - 2,412-2,462Mhz, DSSS Half Duplex
  - Data rates:
    - 802.11g: 6, 9, 12, 18, 24, 36, 48, 54Mbps
    - 802.11b: 1, 2, 5.5, 11Mbps
  - 0 Access mode: Infrastructure and Ad-hoc
- UMTS Air Interface:
  - Bands: 1900/2100 MHz
  - 3GPP FDD compliant
  - UE Power Class 3 (+24 dBm)
  - High Speed packet-switched data:
    - Basic PS modes: 384/64, 128/64, 64/64, 32/8 kbps (DL/UL)
    - Support for simultaneous multiple calls
    - Support for UMTS QoS traffic classes
    - Support for PPP, IP transparent and non-transparent modes
  - Circuit-switched data: 64 and 14.4 kbps
- GPRS/GSM Air Interface:
  - Bands: 850/900/1800/1900 MHz
  - GSM Phase 2+ compliant
  - UE Power Class 1 (1W) for 1800/1900 MHz and Power Class 4 (2W) for 850/900 Mhz
  - Packet-switched data:
    - Multislot Class 10 GSM 05.02 (4 slots Rx, 2 slots Tx, 5 max active)
    - GPRS Class B Type 1 MT
    - Support for GPRS QoS traffic classes
  - Circuit-switched data: 14.4 and 9.6 kbps
- Terminal Equipment Interfaces:
  - Operating Systems: Windows 98SE/ME/2000/XP
  - AT Interface 3GPP TS27.007, ATD*99# support, unimodem extensions
  - Standard modem emulation for compatibility with standard terminal programs/dialers and for use with proprietary operating systems
  - ETSI Multiplexer for simultaneous calls and network coverage reports
  - Separate Virtual Debug and Tracing port
  - NDIS 5.1 compatible WLAN interface

HARDWARE SPECIFICATIONS

- Card Type: Extended Type II PCMCIA compliant; 3.3V card
- 32 bit Cardbus Interface
- External Interfaces: Miniature External Antenna Connection, 2 status LEDs
- SIM card interface: Low profile, 6 contact connector on bottomside of card. Compliant with 3GPP 31.101 and 31.102
- Environmental Operating temperature: 0 to +55°C

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