Merlin U530 UMTS PCMCIA card

from Novatel Wireless, brought to you by Lucent Technologies



Features

- Multimode 3G UMTS/GPRS/GSM card for use on mobile wireless networks worldwide
- Provides UMTS High-speed data (up to 384kbps) connectivity to mobile users
- Provides GSM/GPRS data (up to 53.6kbps) connectivity to mobile users
- Provides transparent handover between GSM/GPRS and UMTS networks
- Compatible with popular notebook PCs and PDAs 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



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Laptop/PDA support

- Operating systems supported - Windows 2000/XP/CE
- Installation Wizard software - self-install CD-ROM with card drivers and IPSec security client
- Fully compatible with PDA jackets for PCMCIA type II
- Voice services via an external headset

Hardware Specifications	Merlin U530
Card type	Extended Type II PCMCIA compliant 3.3V card
External Interfaces	Internal antenna, colour status LED
SIM card	Support of USIM/GSM SIM 3GPP compliant 31.101 & 31.102
Operating temperature	0 to +55 °C
Memory	16MB Flash technology

Specifications	UMTS Air Interface	GSM/GPRS air interface
Frequency of operation	Europe 2100 MHz USA 1900 MHz	Europe 900/1800 MHz
UE Power class	4 (+21dBm)	1 (1W) and 4 (2W)
Packet switched data	UL/DL: 64/384, 64/128, 64/64 Simultaneous multiple calls Support for UMTS QoS traffic classes PPP, IP transparent and non-transparent modes	Multislot Class 10 GSM 05.0 (4 slots RX, 2 slots TX) GPRS Class B type 1 MT Support for GPRS QoS traffic classes
Circuit switched data	64 kbps	Up to 14.4 kbps

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