

PRODUCT SPECIFICATION

CDMA2000 1X Mini PCI Express Card Module

W3GPEV-100

Version 0.2

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2 Features

The W3GPEV-100 Mini PCI Express Card Module mainly supports the following features

- CDMA2000 1XRTT /1xEVDO band class 0, 800MHz
- CDMA2000 1xEVDO release A forward link data service of up to 3.1Mbps
- CDMA2000 1xEVDO release A reverse link data service of up to 1.8Mbps
- CDMA2000 1xEVDO release 0 forward link data service of up to 2.4Mbps
- CDMA2000 1xEVDO release 0 reverse link data service of up to 153.6kbs
- CDMA2000 1XRTT release 0 forward link data service of up to 153.6kbs
- CDMA2000 1XRTT release 0 reverse link data service of up to 153.6kbs
- Hybrid Operation: CDMA2000 1XRTT only, CDMA2000 1xEVDO only, CDMA2000 1XRTT and CDMA2000 1xEVDO
- Dual RX diversity internal antenna
- Support 2 way SMS
- Personal computer/Smart card (PC/SC) driver
- Support AT command
- Mini PCI Express interface
- USB 2.0 full speed interface
- Windows 2000/ Windows XP/ Windows Vista/ Linux 2.6.20 or above

3 Product Specifications

3.1 Main Chipset

- Baseband / MAC VIA-TELECOM CBP7.0
- Memory / NUMONYX M36W0R6050T3ZAE (64-Mbit Flash + 32-Mbit PSRAM)
- Transceiver / GCT GRF6407
- PMU / GMT G5813K11U

3.2 Technical Specifications

1. Technical Standard