

SIM7100E PCIE

SIMCom Wireless Solutions LTE PCI Express module TDD-LTE/FDD-LTE/WCDMA/GSM/GNSS 100Mbps



The SIM7100E-PCIE is a complete multi-band TDD-LTE/FDD-LTE/WCDMA/GSM/GNSS module solution in miniPCI-E type which supports LTE up to 100Mbps for downlink and 50Mbps for uplink data transfer. It is combined with a SIM7100E module and a miniPCI-E adapter board.

Product Features

- Dual-Band TDD-LTE B38/B40
- Five-Band FDD-LTE B1/B3/B7/B8/B20
- Dual-Band UMTS/HSDPA/HSPA+ B1/B8
- Dual-Band GSM/GPRS/EDGE 900/1800 MHz
- Control Via AT Commands
- Supply voltage range: 3.2V ~ 3.6V
- Operation temperature: -30°C to +80°C
- Dimension: 50.95 X 31X 4.95 mm
- GNSS gpsOne Gen 8B; standalone; assisted, XTRA
- USB Driver for Microsoft Windows 2000/P/Vista/Win7/Win8
- USB Driver for Windows CE
- USB Driver for Linux /Android
- RIL supporting for Android/Windows CE
- Linux API SDK • Firmware update via USB
- TCP/IP/IPV4/V6 Multi-PDP, MT PDP
- FTP/FTPS/HTTP/HTTPS/SMTP/POP3/DNS
- Gobi SDK to the Win7/Win8/Linux
- MBIM to Win8

Specifications for Data Transfer

- **TDD-LTE/FDD-LTE**
 - Uplink up to 50Mbps,
 - Downlink up to 100Mbps
- **HSPA+**
 - Uplink up to 5.76 Mbps,
 - Downlink up to 42 Mbps
- **UMTS**
 - Uplink/Downlink up to 384Kbps • EDGE Class:
 - Max. 236.8Kbps(DL),Max. 236.8Kbps(UL)
- **GPRS**
 - Max. 85.6Kbps(DL), Max. 85.6Kbps(UL)
- **CSD**
 - GSM data rate 14.4Kbps
 - WCDMA data rate 57.6Kbps
 - WCDMA 64kbps CSD for Video call