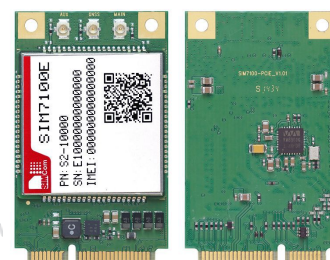




## SIM7100E-PCIE



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

## Smart Machine Smart Decision

### General 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;

### 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

### Other features

- USB Driver for Microsoft Windows 2000/XP/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/IPv6 Multi-PDP, MT PDP
- FTP/FTPS/HTTP/HTTPS/SMTP/POP3/DNS
- Gobi SDK to the Win7/Win8/Linux
- MBIM to Win8
- Source code of the PC manager of the device for reference

### Interfaces

- USB2.0
- SIM card
- MIC/Receiver (PCM)
- UART
- I2C
- LED

### More about SIMCom SIM7100E-PCIE

#### Please contact:

Tel: 86-21-32523300  
Fax: 86-21-32523301  
Email: [simcom@sim.com](mailto:simcom@sim.com)  
Website: [www.sim.com/wm](http://www.sim.com/wm)