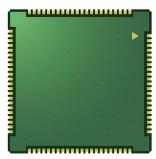# SIM7600CE-M1S

Product Description

The SIM7600CE-M1S is Multi-Band LTE-TDD/LTE-FDD/HSPA+/ TD-SCDMA/EVDO/GSM/GPRS/EDGE LTE module solution in a SMT type which supports LTE CAT4 up to 150Mbps data transfer.

It has strong extension capability with rich interfaces including UART,USB2.0, GPIO etc. The module provides much flexibility and ease of integration for customer's application.

The package of SIM7600CE-M1S is LCC. AT commands of SIM7600CE-M1S are mostly compatible with SIM7500/SIM7600 Series modules. This also minmize the investments of customers, and enables a short time-to-market.

It is designed for applications that need high throughput data communication in a variety of radio propagation conditions. Due to the unique combination of performance, security and flexibility, this module is ideally suited for many applications.

Multi-Band **Cat4** **LCC**

TCP/IP **Compact Size** **GNSS**

IPV6 **USB 2.0** **SSL**

Key Benefits

- High throughput data communication.
- The AT commands of SIM7600CE-M1S are mostly compatible with SIM7500/SIM7600 Series modules.

Smart machine Smart decision

Tel:86-21-31575100/31575200
simcom@simcom.com
www.simcom.com

General Features

- Supply voltage range: 3.4V ~ 4.2V, Typ: 3.8V
- Control Via AT Commands
- Operation temperature: -40℃ to +85℃
- Dimensions: 30.0*30.0*2.9mm
- Weight: : 5.7 ±0.2g
- GNSS:GPS/GLONASS/BeiDou

Data

- LTE CAT4
  - Uplink up to 50Mbps
  - Downlink up to 150Mbps
- TD -HSDPA/HSUPA
  - Uplink up to 2.2Mbps
  - Downlink up to 2.8Mbps
- HSPA+
  - Uplink up to 5.76Mbps
  - Downlink up to 42.0Mbps
- UMTS
  - Uplink/Downlink up to 384.0Kbps
- CDMA2000/EVDO
  - Uplink up to 1.8 Mbps,
  - Downlink up to 3.1 Mbps
- EDGE
  - Uplink/Downlink up to 236.8Kbps
- GPRS
  - Uplink/Downlink up to 85.6Kbps

Interfaces

- USB Driver for Microsoft Windows 2000/XP/Vista/Win7/Win8/Win10
- USB Driver for Linux /Android
- RIL supporting for Android 5.0/6.0/7.0/8.0
- MBIM to Win8
- Firmware update via USB
- TCP/IP/IPV4/IPV6/Multi-PDP/FTP/FTPS /HTTP/ HTTPS/DNS
- SSL3.0/TLS1.0/TLS1.2
- DTMF (Sending and Receiving)

Other Features

- USB2.0 with High speed up to 480Mbps
- UART
- (U)SIM card (1.8V /3.0V)
- Digital Audio through PCM
- MMC/SD
- SDIO
- ADC
- I2C
- GPIO
- Antenna: Support Primary/GNSS

Approvals

- 3C/SRRC/CTA
- RoHS/Reach

Frequency

LTE-FDD	B1/B3/B5/B8
LTE-TDD	B38/B39/B40/B41
CDMA/EVDO	BC0
UMTS/HSDPA/HSPA+	B1/B8
GSM/GPRS/EDGE	900/1800MHz

Smart machine Smart decision