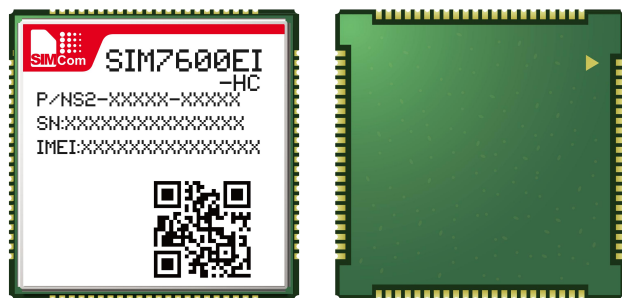


# SIM7600EI-HC

LTE module



## Product description

Sim7600EI-HC is a multi band lte-tdd / LTE support-FDD / HSPA + / GSM / GPRS / edge LTE Cat4 module. It can support up to 150Mbps download rate and 50Mbps upload rate.

Sim7600EI-HC has powerful expansion capabilities, including UART, SDIO, I2C, GPIO and other rich interfaces. This module provides customers with great flexibility and integration,

The packaging form of sim7600EI-HC is LCC, which is specially designed for various high-throughput wireless data communication applications, with high performance, security and reliability.

Multimode  
multifrequency

LTE Cat4

LCC

SDIO  
interface

Compact  
size

TCP/IP

IPV6

USB 2.0

SSL

## Main advantages

- LCC package, compatible with sim7100 series;
- Up to 150Mbps download rate and 50Mbps upload rate.

**Smart machine Smart decision**

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## General characteristics

Support band: tdd-lte b38 / b39 / b40 / B41

FDD-LTE B1/B3/B5/B8 UMTS/HSPA+ B1/B8

GSM/GPRS/EDGE 900/1800 MHz

Support voltage range: 3.4V ~ 4.2V, typical value: 3.8V

At command operation

Operating temperature: - 40 °C to + 85 °C

Size: 30.0mm x 30.0mm x 2.9mm

Weight: 5.7 ± 0.2g

## Data transmission rate

- LTE CAT4

- Up to 50Mbps,

- Downlink maximum 150Mbps

- HSPA+

- Up to 5.76mbps,

- Downlink Max 42 Mbps

- UMTS

- Up / down 384kbps maximum

- EDGE Class

- Up / down Max 236.8kbps

- GPRS

- Up / down Max 85.6kbps

## Other characteristics

- Support Microsoft Windows 2000 / XP / Vista / win7 / win8 / win10 USB driver
- Support Linux / Android USB driver
- RIL supports Android 2.3 / 4.0 / 5.0 / 6.0 / 7.0
- Win8 can support mbim interface
- Support USB port software upgrade
- Support TCP / IP / IPv4 / IPv6 / multi PDP / ftp / FTPS / HTTP/HTTPS/DNS
- Support rndis / PPP
- Support SMS
- SSL3.0/TLS1.0/TLS1.2

## Hardware interface

- USB2.0
- Serial port
- (U) SIM card (1.8V / 3.0V)
- MMC/SD
- SDIO
- ADC
- I2C
- GPIO
- Antenna: LTE main antenna

## Certificate

- 3C/TA/CTA
- RoHS/REACH

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