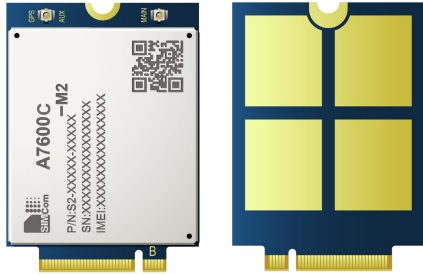


# A7600C-M2

## SIMCom LTE Cat 4 Module

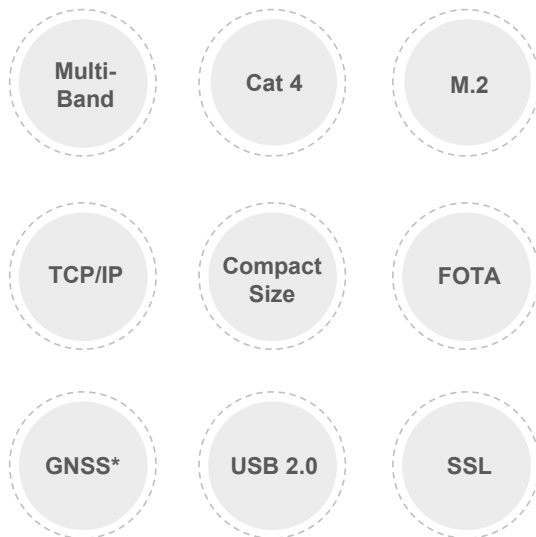


### Product Description

A7600C-M2 is the LTE Cat 4 module which supports wireless communication modes of LTE-TDD/LTE-FDD/HSPA+/GSM/GPRS/EDGE. It supports maximum 150Mbps downlink rate and 50Mbps uplink rate.

A7600C-M2 adopts M.2 form factor and greatly facilitates compatible product design for the customer needs.

A7600C-M2 supports multiple built-in network protocols, supports drivers for main operation systems (USB driver for Windows, Linux and Android etc.) . Meanwhile A7600C-M2 is with powerful expansibility, including abundant interfaces such as UART, USB, GPIO, which is suitable for main IoT applications such as telematics, surveillance devices, CPE, industrial routers, and remote diagnostics etc.



### Key Benefits

- ◆ M.2 form factor with compatibility
- ◆ Suitable for LTE, UMTS and GSM networks
- ◆ Abundant software functions: FOTA, LBS, SSL

## General Features

Frequency Bands	LTE-TDD B34/B38/B39/B40/B41
	LTE-FDD B1/B3/B5/B8
	UMTS/HSPA+ B1/B5/B8
	GSM/GPRS/EDGE 900/1800 MHz
Supply Voltage	3.135V ~ 4.4V, Typ: 3.3V
Control Via AT Commands	
Operation temperature	-40°C ~ +85°C
Dimensions	30.0*42.0*2.3mm
Weight	6.1±0.2g

## Data Transfer

LTE Cat 4	Uplink up to 50Mbps
	Downlink up to 150Mbps
HSPA+	Uplink up to 5.76Mbps
	Downlink up to 21.6 Mbps
UMTS	Uplink/Downlink up to 384Kbps
EDGE	Uplink/Downlink up to 236.8Kbps
GPRS	Uplink/Downlink up to 85.6Kbps

### Note

\*: optional  
#: on going

## Other Features

USB Driver for Microsoft Windows 7/8/10
USB Driver for Linux /Android
RIL supporting for Android 5.0/6.0/7.0/8.0/9.0/10.0/11.0/12.0
Firmware update via USB/FOTA
TCP/IP/IPV4/IPV6/MultiPDP/FTP/FTPS/HTTP/HTTPS/DNS
RNDIS/PPP/ECM/MBIM
SMS
SSL

## Interfaces

USB2.0
UART
(U)SIM card(1.8V/3V )
PCM
WoWWAN
W_DISABLE
I2C
GPIO
Antenna: Primary/Diversity/GNSS*

## Certifications

3C/SRRC/CTA
RoHS#/REACH#

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