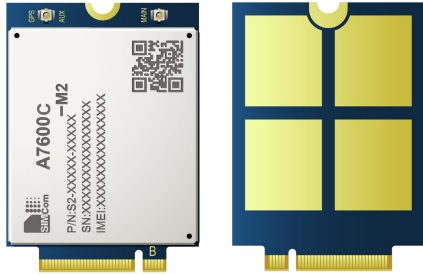


A7600C-M2

SIMCom LTE Cat 4 Module

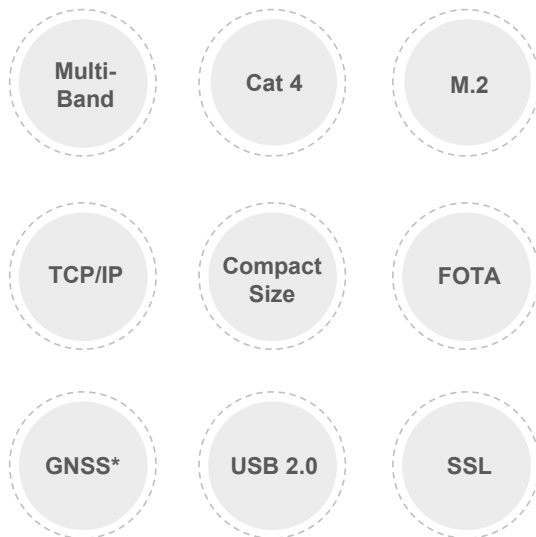


Product Description

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#