SIM8260G-M2

SIMCom 5G Sub-6G Module

52mm

30mm   2.3mm

Sub-6G	**NSA/SA**	**M2**
VoLTE	**Compact Size**	**GNSS**
TCP/IP	**USB 3.1**	**SSL**
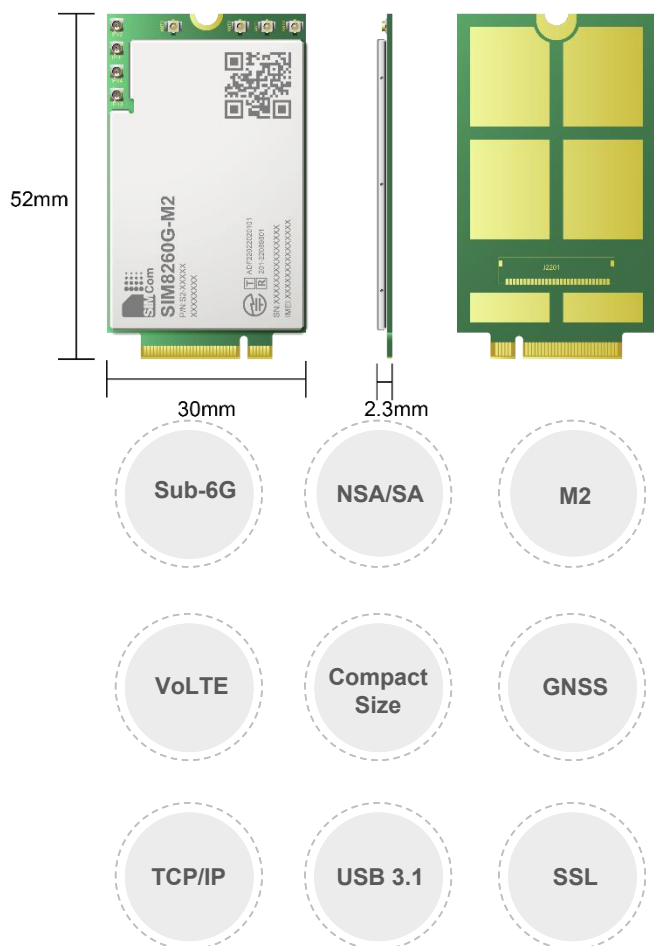
Product Description

The SIM8260G-M2 is the Multi-Band 5G NR/LTE-FDD/LTE-TDD/HSPA+ module which supports R16 5G NSA/SA.

It has strong extension capability with abundant interfaces including PCIe, USB3.1, GPIO etc. The module provides much flexibility and ease of integration for customer's applications.

The SIM8260G-M2 adopts M2 form factor. AT commands of SIM8260G-M2 are compatible with SIM83xx series and SIM82xx series modules. This also minimizes 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.

Key Benefits

◆ Standard M.2 interface

◆ High throughput data communication

◆ AT commands of the SIM8260G-M2 are compatible with SIM83xx series and SIM82xx series modules

Product	SIM8260G-M2		
Form Factor		M.2	
Dimensions(mm)		52.0*30.0*2.3	
Frequency Bands	5G SA	n1/n2/n3/n5/n7/n8/n12/n13/n14/n18/n20/n25/n26/n28/n29/n30/n38/n40/n41/n48/n66/n71/n75/n76/n77/n78/n79	
	5G NSA	n1/n2/n3/n5/n7/n8/n20/n25/n28/n38/n41/n48/n66/n71/n75/n77/n78/n79	
	LTE-FDD	B1/B2/B3/B4/B5/B7/B8/B12/B13/B14/B17/B18/B19/B20/B25/B26/B28/B29/B30/B32/B66/B71	
	LTE-TDD	B34/B38/B39/B40/B41/B42/B43/B46/B48	
	WCDMA	B1/B2/B4/B5/B8/B19	
GNSS		GPS/GLONASS/Beidou/Galileo/QZSS	
Temperature		-30℃ ~ +70℃	

Electrical Features

Supply Voltage(V)	3.135 ~ 4.4

Data Transfer

SA	2.5Gbps(DL)/0.9Gbps(UL)
NSA	3.47Gbps(DL)/460Mbps(UL)
LTE	1.6Gbps(DL)/200Mbps(UL)
HSPA+	42Mbps (DL)/5.76Mbps(UL)

Software Features

Protocol	TCP/IP/IPV4/IPV6/Multi-PDP/FTP/FTPS/HTTP/HTTPS/MQTTS/DNS/SSL3.0
TLS	●
File System	●
FOTA	●
Android RIL	Android 6/7/8/9
USB Driver	Microsoft Windows Win7/Win8/Win10/Linux/Android
MBIM	Win8/Win10
NDIS	Linux/Win7/Win8/Win10
Firmware Upgrade	USB

Interfaces

SIM Card	1.8V/2.95V
USB	●
PCM	●
I2C	●
Diversity Receiver	●

Certifications

Regulatory	CE(RED)*/FCC*/RoHS*/REACH*/TELEC/JATE

●: support   o: optional   * :means under developing/on-going/planning