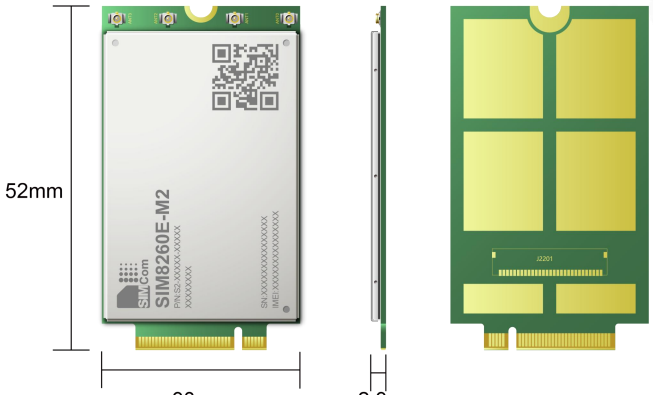
V: 2024.9

SIM8260E-M2

SIMCom 5G Sub-6G Module



Sub-6G

NSA/SA

M2

VoLTE

Compact Size

GNSS

TCP/IP

USB 3.1

SSL

Product Description

SIM8260E-M2 is a Multi-Band 5G NR/LTE-FDD/LTE-TDD/HSPA+ module which supports R16 5G NSA/SA.

With a rich protocols, it is integrated with interfaces such as PCIe, USB3.1, GPIO etc. This module provides applications with great flexibility and ability of integration.

SIM8260E-M2 adopts M2 form factor. AT commands of SIM8260E-M2 are compatible with SIM8200 series modules. This also minimizes costs for customer and shortens time to market.

It is designed for applications that need huge data transmission in various wireless situations. Due to its high efficiency, security and flexibility, this module suits various applications.

Key Benefits

- M2 form factor with various interfaces
- Huge data transmission
- AT commands of SIM8260E-M2 compatible with SIM8200 series modules

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Product		SIM8260E-M2 V2.01
Form Factor		M.2
Dimensions(mm)		52.0*30.0*2.3
Frequency Bands	5G SA	n1/n3/n5/n7/n8/n20/n26/n28/n38/n40/n41/n48/n75*/n76*/n77/n78
	5G NSA	n1/n3/n5/n7/n8/n20/n28/n38/n40/n41/n48/n75*/n77/n78
	LTE-FDD	B1/B3/B5/B7/B8/B18/B19/B20/B26/B28/B32
	LTE-TDD	B38/B40/B41/B42/B43/B48
	WCDMA	B1/B5/B8
GNSS		GPS/GLONASS/Beidou/Galileo/QZSS
Temperature		-30℃ ~ +70℃
Electrical Features		
Supply Voltage(V)		3.135 ~ 4.4
Data Transfer		
SA		2.4Gbps(DL)/0.9Gbps(UL)
NSA		3.4Gbps(DL)/550Mbps(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)*/RCM*/RoHS*/REACH*

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

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