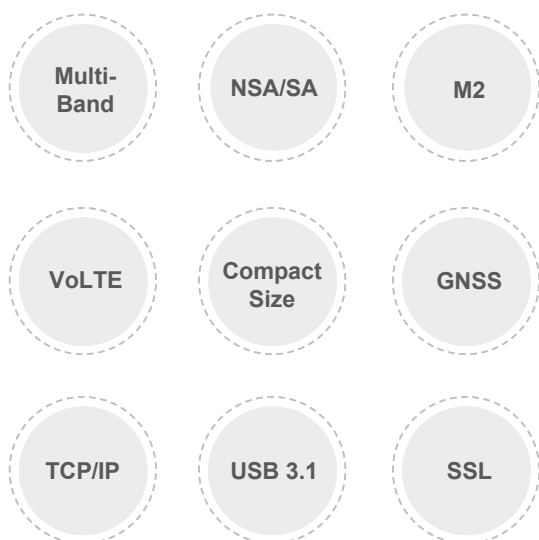
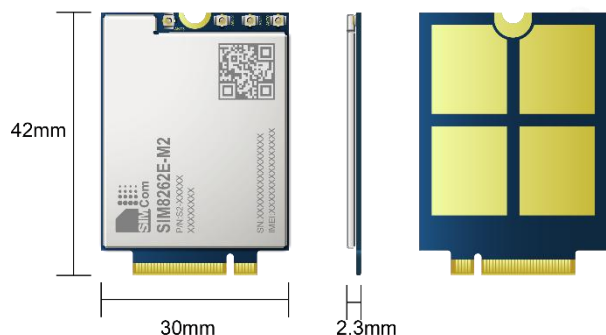


# SIM8262E-M2

## SIMCom 5G Sub-6G Module



### Product Description

The SIM8262E-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 SIM8262E-M2 adopts M2 form factor. AT commands of SIM8262E-M2 are compatible with SIM8300 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 SIM8262E-M2 are compatible with SIM7912G/SIM8200X-M2 series modules

<b>Product</b>		<b>SIM8262E-M2</b>
<b>Form Factor</b>	M.2	
<b>Dimensions(mm)</b>	42.0*30.0*2.3	
<b>Frequency Bands</b>	<b>5G Sub-6G</b>	n1,n3,n5,n7,n8,n18,n20,n26,n28,n38,n40,n41,n48,n66,n77,n78,n79
	<b>LTE-FDD</b>	B1,B3,B4,B5,B7,B8,B18,B19,B20,B26,B28,B32,B66
	<b>LTE-TDD</b>	B38,B39,B40,B41,B42,B43,B48
	<b>WCDMA</b>	B1,B5,B8
<b>GNSS</b>	GPS/GLONASS/Beidou/Galileo/QZSS	
<b>Temperature</b>	-30°C ~ +70°C	
<b>Electrical Features</b>		
<b>Supply Voltage(V)</b>	3.135 ~ 4.4	
<b>Data Transfer</b>		
<b>Sub-6G SA</b>	2.4Gbps(DL)/1Gbps(UL)	
<b>Sub-6G NSA</b>	3.4Gbps(DL)/600Mbps(UL)	
<b>LTE</b>	1.6Gbps(DL)/200Mbps(UL)	
<b>HSPA+</b>	42Mbps (DL)/5.76Mbps(UL)	
<b>Software Features</b>		
<b>Protocol</b>	TCP/IP/IPV4/IPV6/Multi-PDP/FTP/FTPS/HTTP/HTTPS/MQTTs/DNS/SSL3.0	
<b>TLS</b>	•	
<b>File System</b>	•	
<b>FOTA</b>	•	
<b>Android RIL</b>	Android 6/7/8/9	
<b>USB Driver</b>	Microsoft Windows Win7/Win8/Win10/Linux/Android	
<b>MBIM</b>	Win8/Win10	
<b>NDIS</b>	Linux/Win7/Win8/Win10	
<b>Firmware Upgrade</b>	USB	
<b>Interfaces</b>		
<b>SIM Card</b>	1.8V/2.95V	
<b>USB</b>	•	
<b>PCM</b>	•	
<b>I2C</b>	•	
<b>Diversity Receiver</b>	•	
<b>Certifications</b>		
<b>Regulatory</b>	CE(RED)*FCC*/RoHS*/REACH*	

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