SIM8260E

SIMCom 5G Sub-6G Module

41mm

43.6mm

2.8mm

Multi-Band

NSA/SA

LGA

VoLTE

Compact Size

GNSS

TCP/IP

USB 3.1
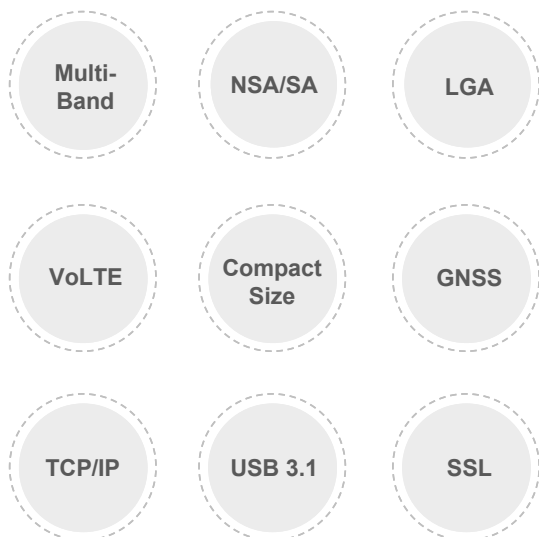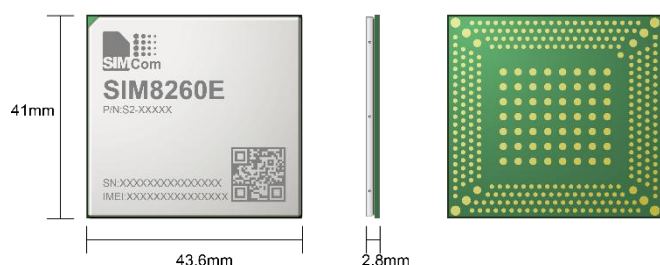
SSL

Product Description

The SIM8260E 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 SIM8260E adopts LGA form factor. AT commands of SIM8260C 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

◆ LGA form factor with abundant interfaces

◆ High throughput data communication

◆ AT commands of the SIM8260E are compatible with SIM7912G/SIM8200X-M2 series modules

Product	SIM8260E		
Form Factor	**LGA**		
Dimensions(mm)	41.0*43.6*2.8		
Frequency Bands	**5G Sub-6G**	n1/n3/n5/n7/n8/n20/n26/n28/n38/n40/n41/n48/n77/n78/n79	
	LTE-FDD	B1/B3/B5/B7/B8/B18/B19/B20/B26/B28/B32	
	LTE-TDD	B38/B39/B40/B41/B42/B43/B46*/B48	
	WCDMA	B1/B5/B8	
GNSS	GPS/GLONASS/Beidou/Galileo/QZSS		
Temperature	-30℃ ~ +70℃		
Electrical Features			
Supply Voltage(V)	3.3 ~ 4.4		
Data Transfer			
Sub-6G SA	2.4Gbps(DL)/1Gbps(UL)		
Sub-6G NSA	3.4Gbps(DL)/600Mbps(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*		

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