Simcom SIM8202G-M2 3G/4G/LTE/5G M.2 NGFF Modem
[http://www.minipc.de/catalog/il/2977]

239.00 EUR
incl. 19% VAT, plus shipping

- **M.2 NGFF !**
- **3G / 4G / LTE / 5G !**

Support: Driver & Manual | Firmware (LE13B04SIM8202M44A-M2) | AT Command Guide

The SIM8202X-M2 is the Multi-Band 5G NR/LTE-FDD/LTE-TDD/HSPA+ module which supports R15 5G NSA/SA up to 2.4Gbps data transfer.

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 SIM8202X-M2 adopts M.2 form factor, TYPE 3042-S3-B. AT commands of SIM8202X-M2 are compatible with SIM7912G/SIM8200X-M2 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.

Product	SIM8202G-M2
Form Factor	M.2
Dimensions(mm)	42.0*30.0*2.3
Frequency Bands	5G/Sub-6G : n1,n2,n3,n5,n7,n8,n12,n20,n28,n38,n40,n41,n48,n66,n71,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/B48 LAA : B46 WCDMA : B1/B2/B3/B4/B5/B8
GNSS	•

Temperature	-30℃ ~ +70℃
Electrical Features	
Supply Voltage(V)	3.135 ~ 4.4
Data Transfer	
Sub-6G	2.4Gbps(DL)/500Mbps(UL)
LTE	1Gbps(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	•
PCIe	
PCM	•
I2C	•
UART	
Diversity Receiver	•
Certifications	
Regulatory	CCC/SRRC*/CTA*/RoHS*/REACH*/CE*