



269.00 EUR  
incl. 19% VAT, plus [shipping](#)

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

**Support:** [Specifications](#) | [Hardware Design Guide](#) | [AT Command Guide](#)

The SIM8380G-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 SIM8380G-M2 adopts M2 form factor. AT commands of SIM8380G-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.

- Standard M.2 interface
- High throughput data communication
- AT commands of the SIM8380G-M2 are compatible with SIM8300G/SIM8200X-M2 series modules

|                    |  |   |
|--------------------|--|---|
| Product            | SIM8380G-M2                                  |   |
| FormFactor         | M.2  |   |
| Dimensions(mm)     | 52.0*30.0*2.3                                |   |
| FrequencyBands     | 5GSub-6G                                     | n1/n2/n3/n5/n7/n8/n12/n13/n14/n20/n25/n26/n28/n30 |
|                    | 5GmmWave                                     | n257/n258/n260/n261                               |
|                    | LTE-FDD                                      | B1/B2/B3/B4/B5/B7/B8/B12/B13/B14/B17/B18/B19/B20  |
| FrequencyBands     | LTE-TDD                                      | B34/B38/B39/B40/B41/B42/B43/B46/B48               |
|                    | WCDMA  | B1/B2/B3/B4/B5/B8                                 |
| GNSS               | GPS/GLONASS/Beidou/Galileo/QZSS              |   |
| Temperature        | -30?~+70?                                    |   |
| ElectricalFeatures |  |   |
| SupplyVoltage(V)   | 3.135~4.4                                    |   |
| DataTransfer       |  |   |
| mmWave             | 7Gbps(DL)/3Gbps(UL)                          |   |
| Sub-6G             | 4Gbps(DL)/1Gbps(UL)                          |   |
| LTE                | 2Gbps(DL)/200Mbps(UL)                        |   |
| HSPA+              | 42Mbps(DL)/5.76Mbps(UL)                      |   |
| SoftwareFeatures   |  |   |
| Protocol           | TCP/IP/IPV4/IPV6/Multi-PDP/FTP/FTPS/HTTP/HTT |   |
| TLS                | ?  |   |
| FileSystem         | ?  |   |
| FOTA               | ?  |   |

|                   |   |
|-------------------|---|
| AndroidRIL        | Android6/7/8/9                                |
| USBDriver         | MicrosoftWindowsWin7/Win8/Win10/Linux/Android |
| MBIM              | Win8/Win10                                    |
| NDIS              | Linux/Win7/Win8/Win10                         |
| FirmwareUpgrade   | USB   |
| Interfaces        |   |
| SIMCard           | 1.8V/2.95V                                    |
| USB               | ?   |
| PCM               | ?   |
| I2C               | ?   |
| DiversityReceiver | ?   |
| Certifications    |   |
| Regulatory        | CE(RED)*/FCC*/RoHS*/REACH*                    |