



239.00 EUR

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

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

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

The SIM8262X-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 SIM8262X-M2 adopts M2 form factor. AT commands of SIM8262X-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 SIM8262X-M2 are compatible with SIM7912G/SIM8200X-M2 series modules

|                     |                                              |                                                |
|---------------------|----------------------------------------------|------------------------------------------------|
| Product             | SIM8262E-M2                                  |                                                |
| Form Factor         | M.2                                          |                                                |
| Dimensions(mm)      | 42.0*30.0*2.3                                |                                                |
| Frequency Bands     | 5G Sub-6G                                    | n1,n3,n5,n7,n8,n20,n28,n38,n40,n41,n77,n78,n79 |
|                     | LTE-FDD                                      | B1,B3,B5,B7,B8,B18,B19,B20,B26,B28,B32         |
|                     | LTE-TDD                                      | B38,B39,B40,B41,B42,B43                        |
|                     | WCDMA                                        | B1,B5,B8                                       |
| GNSS                | GPS/GLONASS/Beidou/Galileo/QZSS              |                                                |
| 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/HTT |                                                |
| TLS                 | ?                                            |                                                |
| File System         | ?                                            |                                                |
| FOTA                | ?                                            |                                                |
| Android RIL         | Android 6/7/8/9                              |                                                |
| USB Driver          | Microsoft Windows                            |                                                |
|                     | Win7/Win8/Win10/Linux/Android                |                                                |
| MBIM                | Win8/Win10                                   |                                                |

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|--------------------|----------------------------|
| 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* |