289.00 EUR
incl. 19% VAT, plus shipping

- 5G !
- up to 4Gbit !

**Support:** Drivers | Documentation | Specifications | Hardware Manual

MeiG Smart SRM815 MiniPCIe module is designed to provide IoT and eMBB services by 5G NR Sub-6GHz networks. It integrates Qualcomm SDX55 chipset which supports SA and NSA network types and complies with 3GPP Release 15 standard. Different sub-models have been designed for different aimed areas, with 3G/4G/5G multiple network standards, which can cover the 5G commercial network frequency bands of major global regions and carriers.

At the same time, MeiG SRM815 MiniPCIe module supports Qualcomm® IZat™ Gen 9 positioning technology, and has built-in multi-satellite precision GNSS receiver, which can support GPS/GLONASS/Beidou/Galileo/QZSS and provide fast and accurate positioning service.

MeiG Smart SRM815 MiniPCIe module adopts MiniPCIe package, which conforms to the industry standard, supports USB3.0 and GPIO, and is compatible with various operating systems (Android, Linux, Windows 7/8/10, etc.). It has the advantages of standard interface, simple backplane design, easier assembly, etc., and can be widely used in industrial routers, carrier terminals, industrial interconnection and other fields.

- 5G NR Sub-6GHz, supports 3GPP R15 and SA/NSA network type
- 5G NR DL Max Speed 4Gbps, UL Max Speed 300Mbps
- LTE-A supports Cat16, DL Max Speed12Gbps, UL Max Speed 200Mbps
- GNSS: Qualcomm® IZat™ Gen 9, including GPS/GLONASS/BeiDou/Galileo/QZSS
- Compatible with the industry-wide 5G MiniPCIe module, no need to change the baseboard
- USB3.0
- Supports MIMO and receive diversity technology, to improve communication quality and data transmission speed.

| | |
|---|---|
| Form Factor | Mini PCIe Package |
| Dimensions (mm) | 51.0 x 49.0 x 5.6mm, 15g |
| Frequency Bands (MHz) | N1/N3/N5/N7/N8/N20/N28/N38/N40/N41/N77/N78/N79<br>LTE-FDD■B1/B3/B5/B7/B8/B18/B19/B20/B28/B32<br>LTE-TDD■B34/B38/B39/B40/B41/B42<br>WCDMA■B1/B3/B5/B8 |
| Module Rate | 5G NR Sub-6GHz■<br>- MIMO 4*4, 256QAM<br>- Downlink up to 3Gbps<br>- Uplink up to 300Mbps |
| LTE Cat16 | - MIMO 4*4, 256QAM<br>- Downlink up to 1Gbps<br>- Uplink up to 200Mbps |
| DC-HSPA+ | - Downlink up to 42.4Mbps<br>- Uplink up to 5.76Mbps |
| Drivers & Tools | - Drivers: Windows 7■Windows 8■Windows 8.1■Windows 10■Linux■Android<br>- Tools: One Click update tool, Gobinet Dial Tool<br>- FOTA upgrade* |
| Module Interfaces | - USB 2.0/USB 3.0 with SS Gen2<br>- SIM card interface<br>- Antenna Interface■5G/4G/GNSS antennas■5 in total<br>- Support PCM<br>- WAKEUP-IN & WAKEUP-OUT<br>- Flight Mode<br>- Sleep Wake-up<br>- LED light<br>- GPIOs |
| Certifications | SRRC/CE*/FCC*/PTCRB |
| Transmit Power | - Class 2 for N41/N77/N78/N79<br>- Class 3 for LTE-FDD<br>- Class 3 for LTE-TDD |
| Protocols | NDIS/ECM/TCP/UDP/PPP/DTMF |
| Environmental Temperature: | - Working temperature: -30■ to 75■<br>- Extended operating temperature■-40■■+85■<br>- Storage temperature: -45■ to 90■<br>- Humidity: 5%~95% |