298.00 EUR
incl. 19% VAT, plus shipping

- 5G !
- up to 4Gbit !

Support: Drivers | Documentation

MeiG Smart SRM815 M.2 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 M.2 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 M.2 module adopts M.2 package, which conforms to the industry standard, supports USB3.0, PCIe3.0 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 Cat20, DL Max Speed 2Gbps, UL Max Speed 200Mbps
- GNSS: Qualcomm, IZat Gen 9, including GPS/GLONASS/BeiDou/Galileo/QZSS
- Compatible with the industry-wide 5G M.2 module, no need to change the baseboard
- Support high speed interfaces USB3.1,PCIe3.0
- Supports Voice Codec (HR/FR/EFR/AMR/AMR-WB), and CSFB/VoLTE/VoNR
- Supports MIMO and receive diversity technology, to improve communication quality and data transmission speed.

Form Factor	LGA
Dimensions (mm)	56.0×43.0×3.65mm
5G	Sub-6 GHz
Frequency Bands (MHz)	N1/N3/N5/N7/N8/N20/N28/N38/N40/N41/N77/N78/N79 LTE-FDD■B1/B3/B5/B7/B8/B18/B19/B20/B28/B32 LTE-TDD■B34/B38/B39/B40/B41/B42 WCDMA■B1/B3/B5/B8
Region	EMEA, China, Korea, Australia
Operating Temperature	-30°C to +75°C

Extended Temperature	-40°C to +85°C
Data Transmission	5G SA Sub-6: Max. 4Gbps (DL)/ Max. 300Mbps (UL)
	LTE-FDD: Max. 2Gbps (DL)/ Max. 200Mbps (UL)
	WCDMA: Max. 42 Mbps (DL)/ Max. 5.76Mbps (UL)
Interface	- USB 2.0/USB 3.0/USB 3.1 with SS Gen2 - 1xPCIe Gen3.0 - SIM card interface - Antenna Interface■5G/4G/GNSS antennas■7 in total - Power On/Off, Reset - Flight Mode - Sleep Wake-up - 1xPCM - GPIOs
Software Features	Drivers: Windows 7,Windows 8,Windows 8.1,Windows 10,Linux,Android
Certifications	SRRC/CE/FCC/PTCRB