298.00 EUR
incl. 19% VAT, plus shipping

- 5G !
- 3GPP R16 !

Support: Specifications

MeiG Smart SRM825N series of M2M modules are designed to provide IoT and eMBB services by 5G NR Sub-6GHz networks. It intergrates Qualcomm Snapdragon X62 chipset, complies with 3GPP Release 16 standards and can support independent two types of network delopments: SA and NSA. SRM825N designed in M.2 form factor, the frequencies of SRM825N can cover the main operators' network of the world.

The maximum 2.4Gbps-DL and 900Mbps-UL data rates on 5G Sub6GHz networks can be supported. It also has backward compatibility with LTE-A and 3G networks to ensure working in remote areas.

A standard and rich set of interfaces(USB3.1/PCIe3.0/SPI/UARTs/GPIOs), protocols (TCP/FTP/HTTP) and multiple OS compatibility extend the applicability of the module to a wide range of M2M applications, wireless router, HD TV■AR/VR, T-Box, Monitor, and etc.

Features :
- Support 3GPP R16 standard
- Standard M.2 (NGFF) Data-Card form factor
- Support SA/NSA network type
- Sub-6GHz support 120MHz maximum bandwidth
- GNSS:Qualcomm® IZat™ Gen 9,including GPS/GLONASS/BeiDou/Galileo/QZSS
- High speed interfaces USB3.1■PCIe3.0
- Industrial Grade Design
- Support USB Audio Class(UAC) function, no need Codec chip.

Basic Features■

Product number■	5G Module SRM825N-EA
Package■	M.2 Package
Size■	52.0×30.0×2.3mm
Weight■	About 12g

Module Speed■

	- MIMO 4*4, 256QAM
5G NR Sub-6GHz:	- Downlink up to 2.4Gbps
	- Uplink up to 900Mbps
	- MIMO 4*4, 256QAM
LTE Cat.19:	- Downlink up to 1.6Gbps
	- Uplink up to 200Mbps

Drivers & Tools■

Drivers■	Windows 7■Windows 8■Windows 8.1■ Windows 10■Linux■Android
Tools■	One Click update tool, Gobinet Dial Tool

FOTA upgrade

Module Interfaces■

USB 2.0/USB 3.0/USB 3.1 with SS Gen2

PCIe Gen3 / Gen4

eSIM

UART

SIM Card interface(1.8 / 3.0V)

Antenna interface: main/diversity /MIMO/GNSS antenna, with a total of 5 antennas

Power On/Off, Reset

1x PCM

GPIOs

Authentication information■

CCC*/SRRC*/CTA*/CE*/GCF*

Transmission Power■

Class 2 for B41/N41/N77/N78/N79

Class 3 for other bands

Protocols■

RNDIS/NDIS/ECM/TCP/UDP

Temperature and Humidity■

Routine operating temperature■	-30■ to 75■
Extended operating temperature■	-40■ to 85■
Storage temperature■	-45■ to 90■
Humidity■	5%~95%

SRM825N-EA Band Information■

5G SA:	N1/N3/N5/N7/N8/N20/N28/N38/N40/N41/N71/N77/N78/N79
5G NSA:	N1/N3/N5/N7/N8/N20/N28/N38/N40/N41/N71/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/B5/B8