

RMM-G1 5G Module



RMM-G1 5G Module Technical Specifications

Product Features

- 5G NR: n1, n2, n3, n5, n7, n8, n20, n25, n28, n30, n38, n40, n41, n48, n66, n71, n77, n78, n79
- 4G LTE: B1, B2, B3, B4, B5, B7, B8, B12, B13, B14, B17, B18, B19, B20, B25, B26, B28, B29, B30, B32, B34, B38, B39, B40, B41, B42, B43, B46, B48, B66, B71
- WCDMA: B1, B2, B4, B5, B8
- 5G Sub-6: DL 2CC/ UL 2CC
- LTE: DL: Cat-19/ UL: Cat-18
- Integrated GPS L1, GLONASS, BeiDou and Galileo
- Assisted GNSS (A-GNSS)
- Built-in eSIM
- Body SAR
- Antenna Tuner
- Operating Voltage: 3.135V~4.4 V, Typical 3.3V
- Operating Temp.: -30°C ~+70°C
- Storage Temp.: -60°C ~+100°C
- Form Factor: PCIe M.2 Key B
- Size: 30 x 52 x 2.3 mm

Data Rate

Downlink:

- 5G NR: 256QAM/ SA Peak Rate: 4.67Gbps
- LTE: 256QAM/ Peak Rate: 1.6Gbps

Uplink:

- 5G NR: 256QAM/ SA Peak Rate: 1.2Gbps
- LTE: 64QAM/ Peak Rate: 211 Mbps

Interface

- USIM
- PCIe
- I2C
- GPIO
- MIPI
- USB

Driver

- Windows, Linux

Certification

- CE, FCC, GCF, PTCRB, NCC, TELEC
- AT&T, Verizon, T-Mobile, Vodafone, Telefonica, DTAG, Telstra, Optus, Docomo, KDDI, Softbank