

Key Technical Features

- **Power Supply**

- Supply Voltage (Vbat): 3.7V - 4V
- USB-C: 3.7V - 5V
- Typical Supply Voltage: 3.8V

- **LTE Features**

- Support CAT 1 FDD & TDD
- Max 10 Mbps (DL) | Max 5 Mbps (UL)

- **GSM Features**

- Support GPRS multi-slot class 12
- Coding Scheme: CS-1, CS-2, CS-3 & CS-4
- Max 85.6 Kbps (DL) | Max 85.6 Kbps (UL)

- **Internet Protocol**

- Supports:
TCP/UDP/PPP/NTP/NITZ/FTP/HTTP/PING/CMUX/HT & TPS/
FTPS/SSL/FILE/MQTT/MMS protocols

- **SMS**

- Text and PDU mode
- Point to point MO and MT
- SMS cell broadcast

- **SIM Interface**

- Support nano SIM card

- **UART Interface**

- For AT communication & data Transmission
- Baud rates up to 921600 bps; 115200 bps by Default
- Support MAIN_RTS & MAIN_CTS Hw flow control

- **AT Commands**

- Compliant with 3 GPP TS 27.007, 27.005 and Quectel enhanced AT command

- **Antenna Interfaces**

- Main antenna interface (ANT_MAIN)
- GNSS antenna interface (ANT_GNSS)

- **Physical Dimension:** 37.97mm x 55.7mm x 4mm

- **Temperature Ranges:** Operation temperature range: -35 °C to +75 °C