



AT1

Technical Specifications

Communication

- LTE-M CAT M₁ / CAT NB₁
- High accuracy with 3 concurrent GNSS (GPS, Galileo, GLONASS)
- Packet Data (CoAP/UDP/Neul IoT Broker)
- Antenna: internal

GPS

- Receiver: 72-channel u-blox M8 engine GPS/QZSS L1 C/A, GLONASS L1OF Galileo E1B/C SBAS L1 C/A: WAAS, EG-NOS, MSAS, GAGAN
- Sensitivity (Tracking & Navigation): -165 dBm
- Sensitivity (Cold start): -146 dBm
- Sensitivity (Hot start): -155 dBm
- Position accuracy: 2.5m CEP

Battery

- Standard with 2 (3.6 V AA)

Sensors

- Temperature: -40°C - +85°C; absolute accuracy $\pm 0.5^\circ\text{C}$
- Humidity: -40°C - +85°C; absolute accuracy $\pm 3\%RH$
- Pressure: -40°C - +85°C; absolute accuracy $\pm 1\text{ hPa}$
- 3-Axis Accelerometer: motion, shock and tilt triggers

Environmental

- -40°C - +85°C
- 95% R.H. @ 50C non-condensing

Dimensions & Weight

- 3" x 2" x 1" (75 x 51 x 24mm)
- 110 grams

Certifications

- FCC, IC
- IP66

Hardware warranty

- 1 year