Features:

- 92-channel u-blox M9 engine GPS L1 C/A, QZSS L1 C/A/S, GLONASS L1OF BeiDou B1I (1561.098 MHz) only, Galileo E1B/C SBAS L1 C/A: WAAS, EGNOS, MSAS, GAGAN
- On-board low noise 3.3V voltage regulator and RF filter for noise blocking
- USB interface type C connector
- Support active antenna
- SMA antenna connectors
- Power LED
- Time pulse LED
- Can be easy mounted in your case by double sided tape
- Supercapacitor for HOT module start
- Dimensions without connectors: 40x30x18 mm
- Weight: 43 gr.
- Fully assembled and ready to use
- 7075 T6 Aluminium case with IP 67 protection

MODULE FEATURES
92-channel u-blox M9 engine GPS L1 C/A, QZSS L1 C/A/S, GLONASS L1OF, BeiDou B1I (1561.098 MHz) only, Galileo E1B/C, SBAS L1 C/A: WAAS, EGNOS, MSAS, GAGAN
Navigator update rate: Up to 50 Hz (4 concurrent GNSS)
Position accuracy: 1.5 m CEP (with SBAS) or 2.0 m CEP (without SBAS)
UDR position error: 10% of distance traveled without GNSS (duration < 60 s)
ADR position error: 2% of distance traveled without GNSS

Acquisition:	
- Cold starts:	24 s
- Aided cold starts:	2 s
- Reacquisition:	2 s

Sensitivity:	
- Tracking & Nav:	–160 dBm
- Reacquisition:	–159 dBm
- Cold starts (aided):	–148 dBm
- Hot starts:	–158 dBm

Geofencing: Up to 4 circular areas; software message or GPIO for waking up the host CPU	
RF interference and jamming detection and reporting	
Active GNSS in-band filtering	
Spoofing detection and reporting:	Consistency checks based on GNSS and sensors
Device integrity: - Secure boot of firmware - Receiver configuration lock by command - Secure interface: Signed UBX messages (SHA-256) - JTAG debug interface port locked	
Assistance:	GNSS AssistNow Online
Active and passive:	Supported antennas