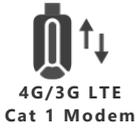


# AutoPi Mini

**Fastest** setup to date



Bluetooth



4G/3G LTE  
Cat 1 Modem



GPS/GLONASS



Accelerometer



OBD OEM  
Parameters



GPS/GLONASS



## Key Benefits

### 4G/LTE with Global coverage

Integrated modem global coverage in three different variants.

### Built in automotive interface

Automotive connection with integrated OEM detection.

### Factory integrated unit or aftermarket add-on

Use as a factory integrated OEM device or aftermarket add-on.

### Integrated power-safe functionality

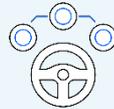
Proven and experienced power fail-safe functionality integrated.

### Runs on an embedded device

Boost a well proved and tested device, with guarantee for stability.

### Automotive certified (CE/E-mark)

Certified to automotive standards for global usage.



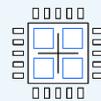
### Integrated automotive interface

The device comes with a K-line interface and CAN interface for seamless setup



### Effortless plug & play installation

Simply plug the device into the OBD-II port and start tracking



### Computing Power

Runs on an embedded devices for ultra-fast start up.

# Technical Specifications

Physical specification	<b>Weight:</b> 63 g <b>Dimensions:</b> 67,2 x 49,6 x 25 mm (L x W x H)
Modem (EMEA variant)	Integrated 4G/LTE Cat 1 connection <b>4G (LTE-FDD):</b> B1, B3, B7, B8, B20, B28 <b>4G (LTE-TDD):</b> B38, B40, B41 <b>2G (GSM):</b> B2, B3, B5, B8
Modem (APAC/LATAM variant)	Integrated 4G/LTE Cat 1 connection <b>4G (LTE-FDD):</b> B1, B2, B3, B4, B5, B7, B8, B20, B28 <b>4G (LTE-TDD):</b> B40 <b>2G (GSM):</b> B2, B3, B5, B8
Modem (NA variant)	Integrated 4G/LTE Cat 1 connection (3G/EDGE fallback) <b>4G (LTE FDD):</b> B2, B4, B5, B12, B13 <b>3G (WCDMA):</b> B2, B4, B5
Certifications	CE/RED/UKCA, E-Mark, EAC, RoHS, REACH, RCM, SDPPI POSTEL, CITC
GPS	Integrated GPS + A-GPS. <b>Supports:</b> GPS/GLONASS/BeiDou/Galileo/SBAS/QZSS/DGPS <b>Receiver:</b> 33 channel <b>Tracking sensitivity:</b> -165 dBm <b>Position Accuracy:</b> < 2.5 m CEP <b>Hot start:</b> < 1 s <b>Warm start:</b> < 25 s <b>Cold start:</b> < 35 s <b>Velocity Accuracy:</b> < 0.1 m/s (within +/- 15% error)
Power	Built-in Power Management system to prevent the vehicle's battery from being drained <b>Input voltage range:</b> 10–30 V DC with overvoltage and reverse polarity protection <b>Back-up battery:</b> 170 mAh Li-Ion battery (0.63 Wh) <b>Power consumption:</b> At 12V < 3 mA (Ultra Deep Sleep) At 12V < 5 mA (Deep Sleep) At 12V < 16 mA (Online Deep Sleep) At 12V < 18 mA (GPS Sleep) At 12V < 33 mA (nominal)
Wireless	<b>Bluetooth:</b> Bluetooth 4.0 + Low Energy (BLE)
Accelerometer	Built in 3-axis accelerometer
Automotive Interface	<b>Data:</b> K-Line, CAN bus data <b>Data reading:</b> Up to 32 vehicle onboard parameters, supported OBD protocols: ISO 9141-2 (5 baud init, 10.4 kbaud) ISO 14230-4 KWP (5 baud init, 10.4 kbaud) ISO 14230-4 KWP (fast init, 10.4 kbaud) ISO 15765-4 CAN (11 bit ID, 250 kbaud) ISO 15765-4 CAN (11 bit ID, 500 kbaud) ISO 15765-4 CAN (29 bit ID, 250 kbaud) ISO 15765-4 CAN (29 bit ID, 500 kbaud)
Data parameters support	<b>30+ Parameters from OBD port</b> Mileage / Fuel / RPM / Speed / Engine temperature / DTC / Engine load value / Coolant temperature / Short and long term fuel trim bank / Fuel pressure / Intake MAP / Engine RPM / Vehicle speed / Timing advance / Intake air temperature / MAF throttle position / Run time since engine start / Fuel rail pressure relative / Fuel rail pressure direct / Commanded EGR / EGR error / Fuel level / Distance traveled codes cleared / Barometric pressure / Control module voltage / Absolute load value / OBD Ambient air temperature / Time since codes cleared / Absolute fuel rail pressure / Hybrid battery pack remaining life / Engine oil temperature / Fuel injector timing / Fuel rate / VIN / DTC value / Distance and time traveled since Malfunction Indicator Lamp ON/ EV Milage / EV Range / EV Battery level / Ignition status
Input slots	<b>SIM Card:</b> Nano SIM – Comes with SIM card and subscription pre-installed
Absolute Maximum Operating Environment	<b>Operating Temperature:</b> -40 °C to +85 °C <b>Relative Humidity:</b> 5% to 95% Noncondensing