



# Product summary

## EVK-F9P

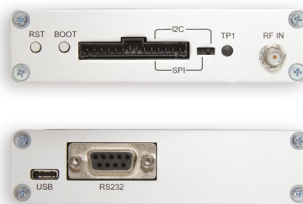
### u-blox F9P high precision GNSS evaluation kit

#### For evaluation of u-blox F9P module high precision features

- USB (Type-C connector) available for power supply and data transfer
- Coin battery (not included) for backup power supply
- 14-pin front connector to access all interfaces



105 × 64 × 26 mm



#### Experience u-blox GNSS performance in 6 simple steps

|        |   |
|--------|---|
| Step 1 | On a PC with a USB interface, download and install the u-center evaluation software:<br><b><a href="http://www.u-blox.com/product/u-center">www.u-blox.com/product/u-center</a></b> |
| Step 2 | Connect the evaluation kit to the PC with the USB cable. Microsoft USB driver for Windows 10 installs automatically via Windows Update.   |
| Step 3 | Connect the antenna with ground plane.  |
| Step 4 | Start the u-center evaluation tool.   |
| Step 5 | Follow instructions to get promo code for correction service.   |
| Step 6 | Select Receiver > NTRIP or MQTT client and enter promo code for credentials.  |

#### Product description

The EVK-F9P evaluation kit allows efficient evaluation of ZED-F9P, the u-blox F9 high precision positioning module.

The ZED-F9P module provides multi-band GNSS positioning and comes with built-in RTK technology providing centimeter level accuracy to users. Augmentation services may be formatted as SPARTN 2.0 or RTCM 3.3.

The evaluation kit relies on the networking capability of the computer running u-center to deliver correction services to the ZED-F9P. Refer to the EVK-F9P User Guide for further details. u-center is a powerful platform for the evaluation of u-blox GNSS receivers, with which data can be logged as well as visualized in real time. The u-center desktop application contains an NTRIP server/client so that EVK-F9P may serve as a RTCM base or rover. Two evaluation kits are needed to perform both base and rover functions. Alternatively, an MQTT client can stream PPP-RTK corrections using the PointPerfect service.

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#### Kit includes

- EVK-F9P unit
- Type-C USB cable
- Antenna ground plane
- Breakout cable for 14-pin connector
- Active GNSS antenna with 3 m cable
- Promotional PointPerfect service trial

#### Features

- Type-C USB cable for easy connection to PC
- 14-pin connector for access to interface pins
- 9-pin D-SUB female connector for standard RS232 interface
- Switch to select between the I2C (and RS232) and SPI communications interfaces
- LED to indicate power supply and GNSS operation
- Reset (RST) button to restart the unit
- SMA connector for connection to antenna or simulator

#### Documentation

Visit [www.u-blox.com/product/evk-f9p](http://www.u-blox.com/product/evk-f9p) to find related documentation.

#### Product variants

|            |  |
|------------|--|
| EVK-F9P-01 | For evaluation of ZED-F9P-0xB L1/L2 high precision GNSS module                 |
| EVK-F9P-16 | For evaluation of NEO-F9P-1xB or ZED-F9P-1xB L1/L5 high precision GNSS modules |

#### Further information

For contact information, see [www.u-blox.com/contact-u-blox](http://www.u-blox.com/contact-u-blox).

