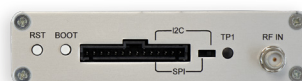# Product summary

EVK-X20P

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u-blox X20P high precision GNSS evaluation kit

For evaluation of u-blox all-band high precision GNSS module

- 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 2 evaluation software: **www.u-blox.com/product/u-center**
Step 2	Connect the evaluation kit to the PC with the USB cable.
Step 3	Connect the antenna with ground plane.
Step 4	Start the u-center 2 evaluation tool.
Step 5	Select Data sources > Add Data Source > Comm port labeled as UART1.
Step 6	Follow instructions to get promo code for correction service.
Step 7	Select Tools and Services > NTRIP Service > Fill in the NTRIP mount point and user credentials.

Product description

The EVK-X20P evaluation kit allows efficient evaluation of ZED-X20P, the u-blox all-band high precision positioning module.

The ZED-X20P module provides all-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 3.4.

The evaluation kit relies on the networking capability of the computer running u-center 2 to deliver correction services to the ZED-X20P. u-center 2 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 2 desktop application contains an NTRIP server/client so that EVK-X20P may serve as a RTCM base or rover. Two evaluation kits are needed to perform the base and rover functions. Alternatively, a client can stream PPP-RTK corrections using the PointPerfect service.

Kit includes

- EVK-X20P unit
- Type-C USB cable
- Antenna ground plane
- Breakout cable for 14-pin connector
- Active all-band 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-X20P** to find related documentation.

Product variants

EVK-X20P-00	For evaluation of ZED-X20P high precision GNSS module

Further information

For contact information, see **www.u-blox.com/contact-u-blox**.