# EVK-U2x

# W-CDMA(UMTS) evaluation kits

## Highlights

- u-blox W-CDMA(UMTS) cellular technology
- Easy to use
- Simple access to all pins and features of the cellular module
- Extensive visualization and evaluation features
- Supports AssistNow Online and AssistNow Offline A-GNSS services
- 3 USB connectors: 1 GPS, 2 cellular (1 native USB, 1 USB/UART)
- Convert technology easily with optional adapter boards

**Experience u-blox technology in 5 simple steps:**

**Step 1:** Connect UMTS/GSM and GPS antennas and headset
**Step 2:** Insert SIM card into SIM holder
**Step 3:** Connect the Evaluation Kit to a PC via USB cable
**Step 4:** Connect to power supply
**Step 5:** Install the evaluation software and USB drivers

## Kit includes

- Evaluation board with LISA-U2 or SARA-U W-CDMA module and u-blox GNSS module
- USB cable
- Cellular (UMTS/GSM) antenna
- GNSS antenna
- Power adapter
- Audio headset
- Quick start card



## Product description

u-blox EVK-U2x evaluation kits provide simple, flexible and ready-to-use environments for evaluating u-blox' LISA-U and SARA-U series W-CDMA cellular modules, as well as for designing and testing cellular and GNSS applications. The kits are user-friendly, and have both USB and RS232 interfaces for development, testing and tracing.

The kits come with a built-in u-blox GNSS receiver module, giving designers the flexibility to either test GSM/GPRS functionality alone or to integrate it with u-blox GNSS technology. For evaluating Assisted-GNSS (A-GNSS), a u-blox AssistNow A-GNSS client is embedded in the firmware stack, providing users with the option of integrating and testing our license-free A-GNSS solutions.

## Evaluation software

Evaluation kits include m-center and u-center: u-blox' interactive evaluation tools for configuration, testing, visualization and data analysis of cellular and GNSS receivers. These powerful and easy-to-use tools provide useful assistance during all phases of a system integration project.

## Optional ADP adapter boards

u-blox cellular adapter boards are designed to be used with any u-blox cellular evaluation kit (EVK-C20, EVK-D20, EVK-G20, EVK-L2x or EVK-U2x). Adapter boards are interchangeable, and allow customers to evaluate other u-blox cellular technologies (GSM, CDMA, UMTS/HSPA, or LTE) with only one full evaluation kit and the appropriate adapter board(s).
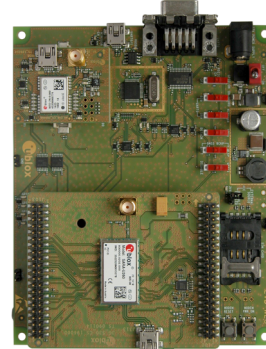
## System requirements

- PC with USB interface
- Operating system: Windows 7 / Vista / XP
- USB drivers are provided with the Evaluation Kit Installer
- Activated SIM card (not included)

## Ordering information

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|---|---|
| EVK-U20-01S | u-blox W-CDMA evaluation kit with embedded GNSS receiver. Supports LISA-U200 |
| EVK-U23-01S | u-blox W-CDMA evaluation kit with embedded GNSS receiver. Supports LISA-U230 |
| EVK-U26-00S | u-blox W-CDMA evaluation kit with embedded GNSS receiver. Supports SARA-U260 |
| EVK-U27-00S | u-blox W-CDMA evaluation kit with embedded GNSS receiver. Supports SARA-U270 |

## Contact us

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

Early Production Information