simpleRTK2B - 4G NTRIP Starter Kit

Includes:
- 1 simpleRTK2B Pro board (ZED-F9P)
- **Free PointPerfect RTK-SSR corrections until 2024**
- 1 u-blox GNSS Multiband antenna ANN-MB-00 (IP67)
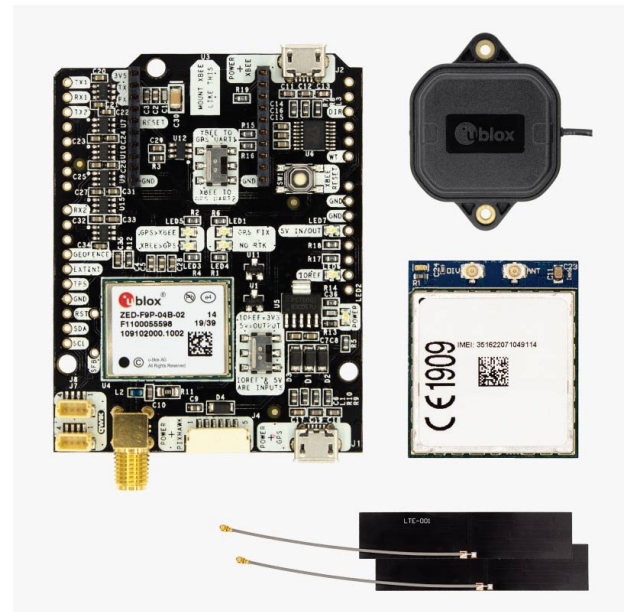- 1 4G NTRIP Master (4G radio module with NTRIP client) including 2 units 4G antennas with integrated cable

More info about the product!

simpleRTK2B - 4G NTRIP Starter Kit has several different configurations to provide you with flexibility:

SKU	Variation Name
AS-STARTKIT-4G-L1L2-EUNH-00	Europe
AS-STARTKIT-4G-L1L2-NANH-00	North America

Get a discounted bulk price on this product for orders of 50 units or more. Contact us at info@ardusimple.com to get a quote.

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Page 1 of 4

Description

If you are looking for a board with ZED-F9P that autonomously connects to a server to download correction data, or automatically pushes its centimeter accurate location to a server, this is your product.

Using the same technology that your mobile phone is using, simply introduce a cellular SIM card into the device, configure it using a configuration tool (no programming involved!), and let the kit do the job for you.
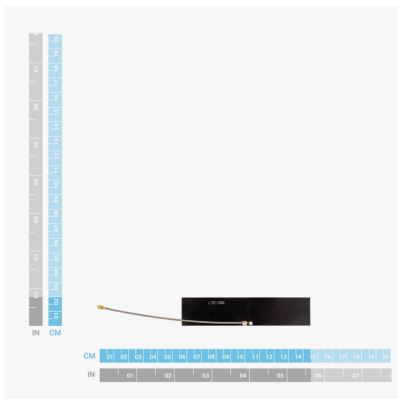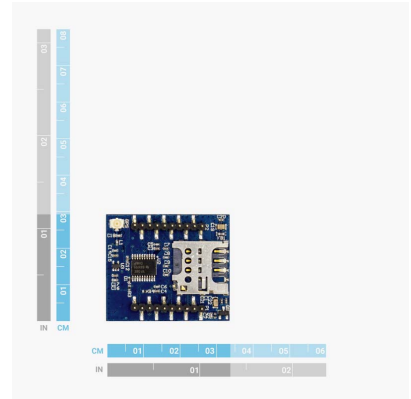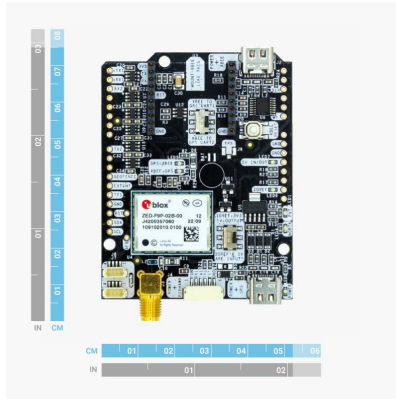
The Ardusimple simpleRTK2B - 4G NTRIP Starter Kit, in any area with cellphone coverage, is able to do autonomously:

- NTRIP Client (to get corrections from your preferred correction service)

- NTRIP Server (to send your base corrections to a NTRIP caster like RTK2go.com)

- TCP socket client (to send position or any other message to your server)

- PointPerfect Client (This product has free RTK-SSR corrections until 31/12/2024. Later if you want you can get a subscription starting at only $3.90 for 60 hours)

Good to know:
- You will need a SIM card with internet access capabilities to use this product (MicroSIM form factor)
- Compatible with u-blox Thingstream PointPerfect augmentation service
- This product has free corrections until 31/12/2024

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Page 2 of 4

Image Gallery

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Page 3 of 4

Pinout

TOP VIEW

Description	Name
GPS TX1 IOREF level	TX1
GPS RX1 IOREF level	RX1
XBee TX/GPS RX2 IOREF level	RX2
XBee RX/GPS TX2 IOREF level	TX2
Configurable fence output 3.3V level	FENCE
Event input for timestamp 3.3V level	EXTINT
Timepulse out 3.3V level	TPS
Ground	GND
I2C Data line pulled-up 3.3V	SDA
I2C Clock line pulled-up 3.3V	SCL

Name	Description
DNC	Don't connect
DNC	Don't connect
GND	Must connect to GND
GND	Must connect to GND
5V_IN	4.5-5.5V optional input voltage Can also be output via switch
IOREF	1.8-5V, defines voltage of TX/RX Can also be 3.3V output via switch

simpleRTK2B - 4G NTRIP Starter Kit includes free basic technical support. Contact info@ardusimple.com for more information.
Data and descriptions in this document are subject to change without notice. Product photos and pictures are for illustration purposes only and may differ from the real product appearance.

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Page 4 of 4