

Item no.: ALMC1308U

ALMC1308U - 8-channel LoRaWAN(TM) concentrator, mini PCIe module with USB interface

71,23 EUR

Item no.: ALMC1308U
shipping weight: 0.70 kg
Manufacturer: ALFA Network



Product Description

ALMC1308U - 8-channel LoRaWAN(TM) concentrator, mini PCIe module with USB interface

ALMC1308U is a full-size mini PCIe LoRaWAN(TM) concentrator module based on Semtech(TM) SX1308.

The ALMC1308U concentrator module series allows building certified LoRaWAN(TM) gateways on any system equipped with standard mini PCIe slot and USB 2.0 interface.

Open source software and firmware availability, easy USB DFU-based firmware upgrades and a large community gathered around LPWAN technologies will help to kick start your LoRa(TM) network project. [Key features](#)

- Semtech(TM) SX1308 digital baseband chipset
- Dual Semtech(TM) SX1257 transceivers
- Skyworks(TM) SE2435L-R front-end
- Standard mini PCIe form factor
- USB 2.0 interface (with optional SPI)
- Full body metal shielding design
- RX/TX LEDs

- Chipset: Semtech(TM) SX1308 + 2x SX1257
- Frequency: 863 ~ 870 MHz (EU)
- Modulation: LoRa(TM)
- TX power: 21 dBm
- RX sensitivity (EU, 125 kHz bandwidth): -124 dBm (SF7); -138 dBm (SF12)
- Antenna connector: 1x IPEX/U.FL
- Interface: USB 2.0, SPI (option)
- LED: 1x TX; 1x RX
- Form factor: Full-size mini PCIe
- Operating humidity 10 % ~ 90 % RH, non-condensing
- Operating temperature: TBA

Specifications

Scan this QR code to
view the product
All details, up-to-date
prices and availability

