

Item no.: 374121

ALMC1301U-868 - ALFA , 8-channels LoRaWAN concentrator mini PCIe module with USB

from **104,58 EUR**

Item no.: 374121
shipping weight: 0.10 kg
Manufacturer: ALFA Network



Product Description

8-channel LoRaWAN™ concentrator mini PCIe module with USB interface. ALMC1301U is a full-size mini PCIe LoRaWAN™ concentrator module based on Semtech™ SX1301. The ALMC1301U concentrator module series enables the construction of certified LoRaWAN™ gateways on any system equipped with a standard mini PCIe slot and USB 2.0 interface. The availability of open source software and firmware, the easy firmware update of the card via USB DFU and the large community that has gathered around LPWAN technologies will help you get your LoRa™ network project off the ground.

Specification- Semtech™ SX1301 digital baseband chipset- Two Semtech™ SX1257 transceivers- Skyworks™ SE2435L-R front-end- Standard mini PCIe form factor- USB 2.0 interface (with optional SPI)- Full body metal shielding- RX/TX LEDs- Frequency 863 ~ 870 MHz (EU) 902 ~ 928 MHz (US)- Modulation LoRa™- Transmit power 21 dBm- RX sensitivity (EU, 125 kHz bandwidth) -124 dBm (SF7)-138 dBm (SF12)- RX sensitivity (US, 125 kHz bandwidth) -125 dBm (SF7)-139 dBm (SF12)- Antenna connection 1x IPEX/U.FL- Interface USB 2.0 SPI (option)- LED 1x TX 1x RX- Form factor Mini-PCIe full size- Operating humidity 10 % ~ 90 % RH, non-condensing- Operating temperature -40 ~ 85 °C

Specifications

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

