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INDUSTRIAL PRODUCT DATASHEET

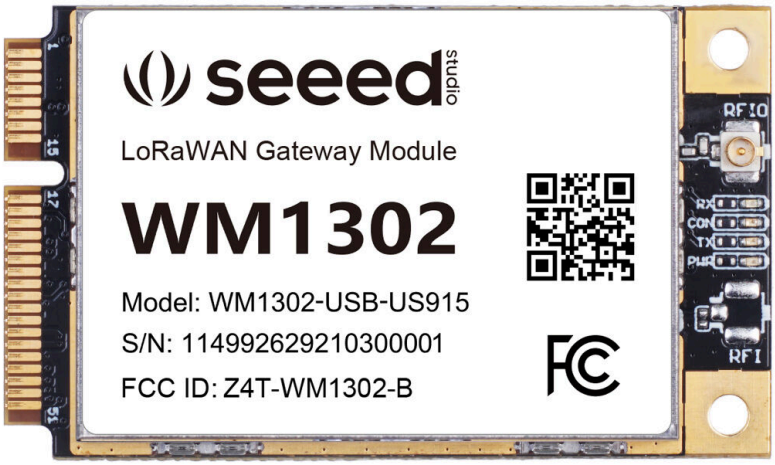
# Wio-WM1302 LoRaWAN Gateway Module (USB) - US915, based on LoRa Concentrator Semtech SX1302

WM1302 module is a new generation of LoRaWAN gateway module in mini-PCIe form-factor based on Semtech® SX1302.

| SKU | UPDATED | PRICE |
| --- | --- | --- |
| 114992629 | 2026-11-11 08:40:06 | $93.90(Excl. VAT) |



# Overview




WM1302 module is a new generation of LoRaWAN gateway module in mini-PCIe form-factor based on Semtech® SX1302. It features extremely low power consumption, outstanding performance with CE, FCC, Telec certified.

# Key Features

01 **Powered by Semtech® SX1302 baseband LoRa® chip, extremely low power consumption and high performance.**

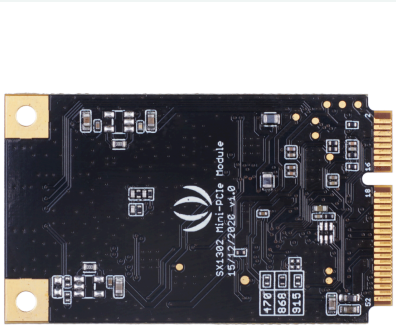
02 **Mini-PCIe form factor with the standard 52-pin golden finger, easy to integrate with various gateway devices.**

03 **Ultra-low operating temperature, no additional heat dissipation needed, reducing the size of LoRaWAN gateway.**

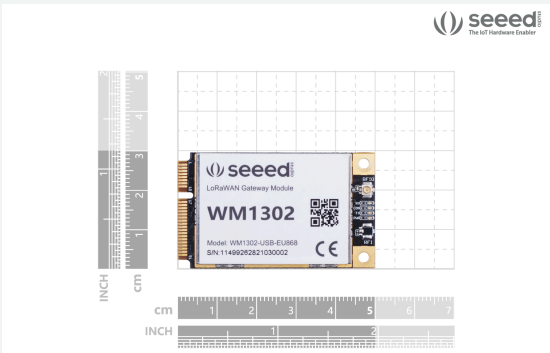
04 **High sensitivity down to -139 dBm @SF12 with SX1250 TX/RX front-end; TX power up to 26 dBm @3.3V.**

05 **Certified with CE, FCC, and TELEC. Simplify the final product certification process.**

# Product Gallery








# Applications

- LPWAN Gateway devices development
- Any long-distance wireless communication application development
- Long Range and LoRaWAN application learn and research

# Resource Links

- https://www.seeedstudio.com/WM1302-LoRaWAN-Gateway-Module-USB-US915-p-4891.html
- Semtech SX1302 Datasheet

**Seeed Technology Co.,Ltd.**
9F, Building G3, International E City,
Zhongshanyuan Road, Nanshan, Shenzhen, China

**Tel:** +86 0755-80695676
**Web:** www.seeed.cc
**Shop:** www.seeedstudio.com