

INDUSTRIAL PRODUCT DATASHEET

WM1302 Raspberry Pi Hat

WM1302 Raspberry Pi Hat with embedded GPS and LoRaWAN authentication chip for LoRaWAN gateway development and Raspberry Pi learning.

SKU

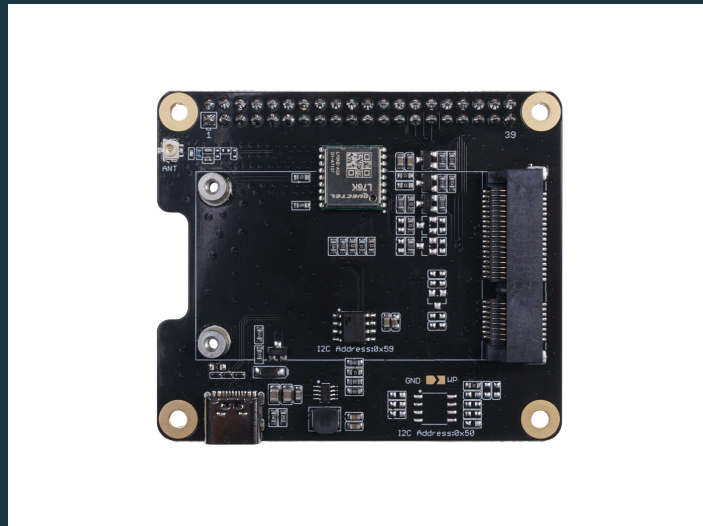
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UPDATED

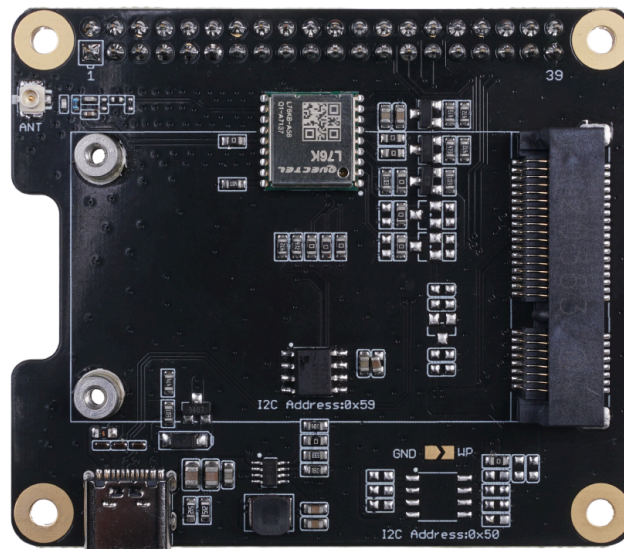
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PRICE

\$19.90(Excl. VAT)



Overview

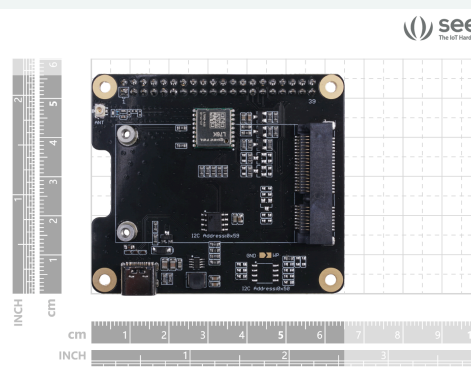
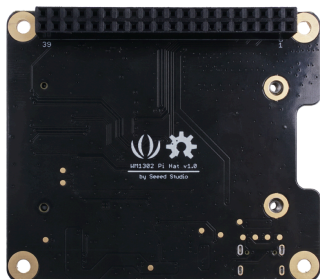


The WM1302 Raspberry Pi Hat is a standard Pi Hat with 40-pin female header, compatible with Raspberry Pi versions up to 4B, and includes an embedded GPS module and LoRaWAN authentication chip. It is designed for LoRaWAN gateway development, long-distance wireless communication, and Raspberry Pi learning and research.

Key Features

- Standard Pi Hat form factor with 40 pins female pin header
- Raspberry Pi versions up to 4B compatible
- GPS Module embedded
- LoRaWAN authentication chip embedded

Product Gallery



Specification

Dimensions	56*65mm
Weight	0.501
Operating Voltage	5V

Power Interface	40 Pin Header or USB
Raspberry Pi 40-Pin Headers	Support Raspberry Pi 5 Support Raspberry Pi 4 B Support Raspberry Pi 3 A+/B/B+ Support Raspberry Pi 2 B Support Raspberry Pi A+/B+ Support Raspberry Pi Zero/Zero W
PCIe Header	52 Pin Mini-PCIe Header
GNSS	Support GPS L1, GLONASS L1, BeiDou B1
Battery	Exclude

Part List:
WM1302 Pi Hat *1 GPS Antenna *1
M2.5*6mm Screw *8
M2.5*11.0mm Stud *4
M2.0*H6.0mm Screw *2

Applications

- **LoRaWAN Gateway device/hotspot development**
- **Long-distance wireless communication application development**
- **Any learning and experimentation based on Raspberry Pi**
- **LoRa and LoRaWAN application learn and research**

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Compliance & Logistics



HSCODE	8517709000
USHSCODE	8536700000
UPC	
EUHSCODE	8517180000
COO	CHINA

Resource Links

- <https://www.seeedstudio.com/WM1302-Pi-Hat-p-4897.html>
- [WM1302 Pi Hat v1.0.sch](#)
- [WM1302 Pi Hat v1.0.pdf](#)
- [WM1302 Pi Hat v1.0.brd](#)

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