**Description**

Seeed’s LTE CAT.1 Pi HAT is an open source cellular extension modem for Raspberry Pi, based on u-blox LARA-R2xx series. It is compatible with Raspberry Pi 1 Model B+ and later versions.

LTE CAT.1 Pi HAT is designed for LTE Category 1 networks and with 2G fallback (EU version only). Embedding common protocols, like TCP/UDP, HTTP.

LTE CAT.1 Pi HAT support UART and USB interfaces. By UART, Raspberry Pi communicate with LTE CAT.1 Pi HAT via AT command without any special driver. It's well suited for building prototyping rapidly.
- Compatible with Raspberry Pi 1 Model B+ and later versions
- LTE CAT.1 and support 2G fallback (EU version only)
- UART and USB interface for communication
- Support Grove I2C and Digital connector
- Protocols on cellular module
- Embed TCP/UDP stack
- Embed HTTP, FTP, SSL
- Dual stack IPv4/IPv6
- 3GPP TS 27.007 (8), TS 27.005 (9) standard AT command

Applications
- IoT gateway
- Data logger
- Vending machine
- POS
- Smart home devices
- Robot
- Advertising
- Other scenario need cellular networks

Technical Details
Dimensions: 65mm x 56mm x 18.50mm
Weight: G.W 54g N.W 23.40g
Battery: Exclude

Part List
LTE Cat 1 Pi HAT (Europe) 1
LTE Antenna 2

ECCN/HTS
ECCN: 5A991.b
HS CODE: 8517709000

Learn

Wiki of LTE Cat 1 Pi HAT

Questions and Answers

0 Why does the BT has to be disabled to make this hat work, I need both?
info on Aug 14, 2018
Hi, pi3-disable-bt disables the Bluetooth device and restores UART0/ttyAMA0 to GPIOs 14 and 15 for uart communication. thanks.
Seeed Techsupport Team on Aug 14, 2018 18:31 PM

0 Will there be some demo code or setup instructions?
toto on Jun 13, 2018
Hi, Toto, We are updating the wiki now. So you can see it early next week. thanks.
Seeed Techsupport Team on Jun 21, 2018 18:19 PM