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BoHM A Helium HNT Light Hotspot Gateway

Overview:

BoHM A is a light hotspot gateway for HNT. Compatible with Helium LongFi, it features multiple network options including a LoRa module. It supports one of the world's first peer-to-peer wireless IoT networks based on LoRaWAN protocol, and enables long-range transmissions with low power consumption.

Main Features:

· Single Core Cortex-A7 CPU @ 792MHz

· Compatible with Helium LongFi that combines LoRaWAN and Helium Blockchain

· Convenient set-up and easy management using a mobile phone

· Multiple network connection including Ethernet, LoRa, Wifi and Bluetooth

· Using LoRa antenna to expand coverage range

· Support OTA automatic update, stable and reliable

Specification:

System	
CPU	Single Core Arm Cortex-A7 792MHz
Memory	512MB DDR3/DDR3L
Storage	8GB eMMC
Clipper Chip	ATECC608
OS	Buildroot

Communication	
LAN	1 x 10M/100Mbps RJ45 LAN
LoRa	1 x LoRa Gateway, support 470MHz, 868MHz and 915MHz
WIFI & BT	1 x WIFI 2.4GHz, BT 4.2
GPS	1 x GPS module
I/O Interfaces	
USB	1 x USB 2.0 Host, 1 x USB Type-C
PCIe	1 x Mini PCIe (LoRa)
Button	1 x Bluetooth Pairing Button
LED	1 x System LED, 1 x Status LED
Antennas	1 x LoRa Antenna (4dBi, 1m extension cable, with a strong magnetic chuck), 1 x WiFi Antenna (2.4GHz, 3dBi), 1 x GPS Antenna
Power Supply	
Power Input	USB Type-C DC 5V Input
Mechanical & Environmental	
Dimension	107 x 107 x 35mm
Operating Temp.	-40℃~105℃

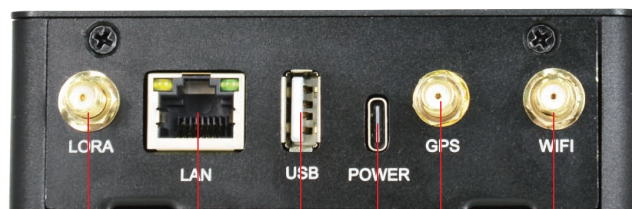## Certificates:

I/O Interfaces:

BT KEY   SYS & STAT LED   LoRa   LAN   USB 2.0 Power GPS   Wifi

Antennas:

Wifi Antenna   GPS Antenna   LoRa Antenna

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Beyond the Embedded Deployment