



NEBRA INDOOR HOTSPOT ROCK PI MINER DATASHEET



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FEATURES



RK3399 processor
(Dual Core Cortex A72 1.8ghz and Quad Core Cortex A53 1.4ghz)



32GB eMMC



2GB RAM



WiFi 4



Bluetooth 5



Output: 12V 1.5A max

GENERAL SPECIFICATIONS

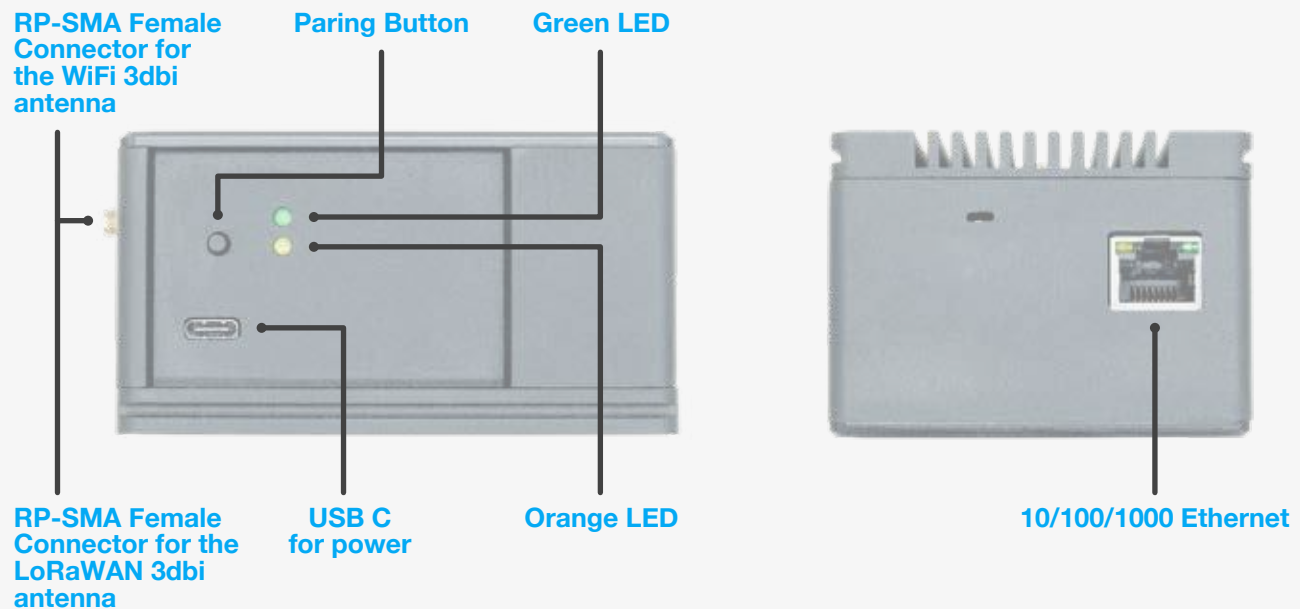
Unless otherwise indicated, specifications are measured at TA=25°C, humidity<75%, nominal input voltage and rated output load.

SPECIFICATION	ROCKPI INDOOR HOTSPOT
Dimensions	94x70x53mm (Excluding Antenna)
Weight	353g
Power Requirement	12V 2.5A USB-C
Maximum TX Power	24-27dBm**
Network Connectivity	1Gbit Ethernet, 2.4 WiFi
Rated Ambient Temperature	20-30°C
Base SOM	ROCK Pi RK3399 Processor
CPU Specification	Dual Core Cortex A72 1.8GHz and Quad Core Cortex A53 1.4GHz with onbaord WiFi 4 and Bluetooth 5
High Endurance Storage	32GB eMMC
RAM	2GB

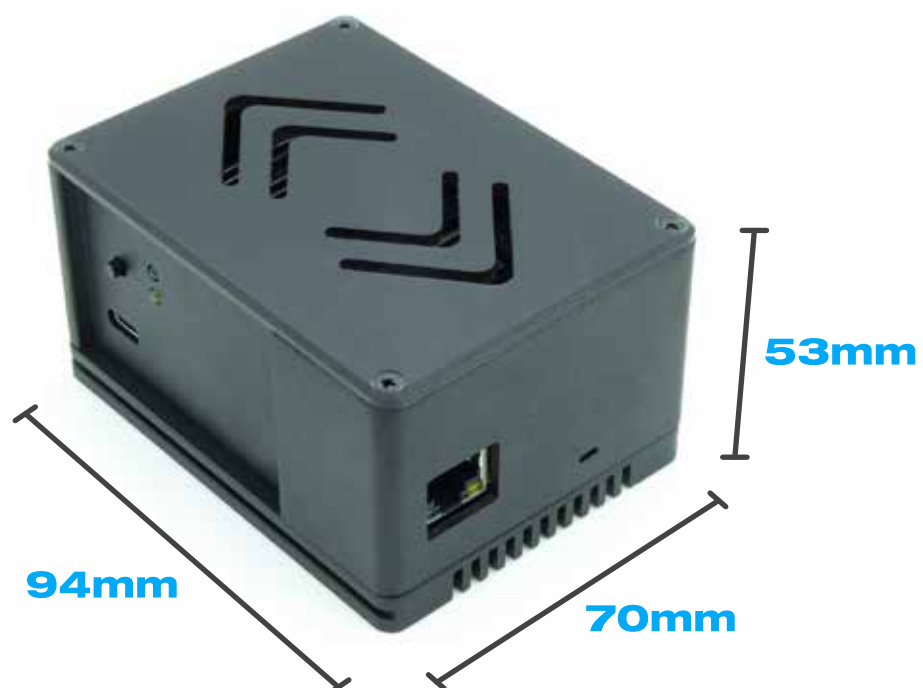
* Average Power Consumption Measured At Mains

** Maximum TX Power may be capped to a lower amount in some regions.

CONNECTORS



DIMENSIONS





Nebra Indoor Hotspot ROCK Pi Miner Datasheet

WHAT'S INCLUDED



1x Nebra ROCK Pi Miner



1x 3db LoRa Antenna
1x WiFi Antenna



1x Universal Power Supply
1x Ethernet Cable



1x Nebra ECC Key

\$40

1x Hotspot \$40 On Boarding

\$10

1x First \$10 Location Assert

SKU AND BARCODES

ROCKPI INDOOR HOTSPOT	SKU	BARCODE
915MHz (US915, AU915, KR920, AS923-1/2/3/4)	NBR-0064	646648341299

FCC Statement

1. This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference.

(2) This device must accept any interference received, including interference that may cause undesired operation.

2. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules.

These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

Reorient or relocate the receiving antenna.

Increase the separation between the equipment and receiver.

Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

Consult the dealer or an experienced radio/TV technician for help.

To comply with FCC RF exposure requirements, a minimum separation distance of 20 cm must be maintained between the user's body and the transmitter.

IC STATEMENT

This device complies with Industry Canada licence-exempt RSS standard(s)

Operation is subject to the following two conditions:

(1) This device may not cause interference, and

(2) This device must accept any interference, including interference that may cause undesired operation of the device.

This equipment complies with IC radiation exposure limits set forth for an uncontrolled environment. End user must follow the specific operating instructions for satisfying RF exposure compliance. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

To comply with RF exposure requirements, a minimum separation distance of **20 cm** must be maintained between the user's body and the transmitter

Ce dispositif est conforme aux normes autoriser-exemptes du Canada RSS d'industrie

L'exploitation est autorisée aux deux conditions suivantes :

(1) l'appareil ne doit pas produire de brouillage, et

(2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement. Cet équipement est conforme avec l'exposition aux radiations IC définies pour un environnement non contrôlé. L'utilisateur final doit respecter les instructions de fonctionnement spécifiques pour satisfaire la conformité aux expositions RF. Cet émetteur ne doit pas être co-localisées ou opérant en conjonction avec une autre antenne ou transmetteur.