

## Finestra Miner™ User Manual v4.6

### Introduction

Mimiq, in partnership with Sagem Teknoloji, is introducing the Finestra Miner, a best-in-class performance, and highly secure gateway with a heartwarming design that conceals sophisticated engineering. Secure the tamper-resistant electronics with high-performance placement options.

The Finestra Miner comes with onboard mining, compliant with the current Helium network specifications, it is ready to install and use with the Helium App.

### Before You Install

Note: Please visit [thefinestra.com/install](http://thefinestra.com/install) to get the latest installation instructions. Please refer to the included Quick Start Guide to set your device up faster.

### Preparing Your Finestra Miner

1. Download the Helium App. Search “Helium Hotspot” in the Apple Store and Google Play.
2. IMPORTANT: While signing into the Helium App, please make sure to note down the 12 keywords provided by the Helium App. We would highly recommend that you use the keywords note card and pen we have sent in the box.
3. Open the package and make sure all items are in the box. (See above: What's in the Box.)
4. Screw the provided antenna onto the antenna jack located on the Finestra Miner.
5. Do not power your Finestra Miner up before placing it in the preferred location.
6. If you choose to connect your Finestra Miner to the internet via the ethernet port you may do so now. For Wi-Fi look at the section "Connecting your Finestra Miner."

### What's In The Box

- 1 x Finestra Miner
- 1 x Power Adaptor
- 1 x Antenna (915 Mhz)
- 1 x Power Cable Extender
- 3 x Wallet Security Keywords Cards
- 1 x Pen

### Dimensions

4.3 x 4.3 x 1.6 in  
(110 mm x 110 mm x 40 mm)

**Weight**

10.5 Oz. (300g)

**Supply Voltage**

5V / 2A

**Device Connectivity**

BLE, WiFi and Ethernet

**Working Temperature**

-31°F to 167°F

(-35°C to 75°C)

**Frequency Support**

US915

**Antenna Gain**

2.6 dBi

**Locating Your Finestra Miner**

1. Preferably place your Finestra Miner near a window with minimal external obstructions.
2. If you prefer you can attach your Finestra Miner directly to a sturdy window glass pane with the reusable micro-suction base.
3. To activate the micro-suction, examine your Finestra Miner base and carefully remove the protective plastic film on your micro-suction surface with a pair of tweezers.
4. To remove and move Finestra Miner just grasp the edges firmly. Pull and twist it to lift the edge from the surface. Lift to remove.
5. You can wipe the dust away from the micro-suction to refresh the adhesive property of the surface.
6. For a better performance do not place the Finestra Miner near metal meshes, screens or other large metallic objects. Place away from other electronic devices.

## **Connecting your Finestra Miner**

1. Power up Finestra Miner using the included power supply.
2. WARNING: Please wait 2 to 3 minutes for your Finestra Miner to boot up before starting the installation process. Do not unplug the Finestra Miner during the set-up process.
3. If you choose to connect via Wi-Fi follow the instructions in Helium App as indicated in Step 4.
4. Press the “+” button in the Helium App to add your gateway and follow the in-App instructions.

## **Troubleshooting**

1. Make sure Bluetooth is on and the phone is connected to the Internet while setting up Finestra Miner.
2. Make sure that the Helium App has the Location permissions enabled. These can be found under App Info > Permissions > Location
3. Make sure you have downloaded the latest version of the Helium App from the store.

## **Limited Warranty**

Mimiq provides a limited warranty for Finestra Miner please visit:  
[www.thefinestra.com/warranty](http://www.thefinestra.com/warranty).

## **Use and Care**

Finestra Miner is not water-resistant. Please use Finestra Miner only indoors and avoid direct contact with water. Finestra Miner works best between -31° F and 167 °F (-35° C and 75° C).

## **FCC Compliance Statement**

Contains FCC ID: 2ABCB-RPI4B

Contains IC: 20953-RPI4B

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

CAUTION: The grantee is not responsible for any changes or modifications not expressly approved by the party responsible for compliance. Such modifications 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.

This equipment complies with the FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20cm between the radiator and all persons. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

#### **Canadian Compliance Statement**

Contains FCC ID: 2ABCB-RPI4B

Contains IC: 20953-RPI4B

This device contains license-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada license-exempt RSS(s). Operation is subject to the following two conditions:

- (1) This device may not cause interference.
- (2) This device must accept any interference, including interference that may cause undesired operation of the device.

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :

- 1) L'appareil ne doit pas produire de brouillage;
- 2) L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

NOTE: This equipment complies with RSS-102 radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

REMARQUE: Cet équipement est conforme aux limites d'exposition aux radiations RSS-102 établies pour un environnement non contrôlé. Cet équipement doit être installé et utilisé à une distance minimale de 20 cm entre le radiateur et votre corps.

**Supplier's Declaration of Conformity  
47 CFR § 2.1077 Compliance Information**

Product Name: Finestra Miner

Product Model: FN280417-2

Manufacturer:

Mimiq, Inc.

555 Bryant St. #819

Palo Alto, CA 94301

[finestrasupport@mimiq.io](mailto:finestrasupport@mimiq.io)

[www.mimiq.io](http://www.mimiq.io)

Modular Components Used:

NAME: Raspberry Pi4 Model B

MODEL: Raspberry Pi4 Model B

FCC ID: 2ABCB-RPI4B

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

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