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GekkoScience Terminus R606 BM1387 Miner QuickStart Guide

Latest updates: <https://bitcointalk.org/index.php?topic=5053833>



Thanks To The Community

As with all GekkoScience projects, this project would not have even been possible without the great support from the community.

A big thanks to everyone who pitched in; whether through signature campaigns, discussion, product ordering, or anything else.

Thank you to all who are following along and supporting the creation of these Miners. Your feed back and participation really goes a long way to keep the momentum and R&D moving forward.

=How to Run on Windows=

To get started, you will need WinUSB drivers and a custom built cgminer with the latest gekko driver to mine with the NewPac. You can either build this yourself or download it pre-built.

Step 1: Setup a Wallet and select a pool.

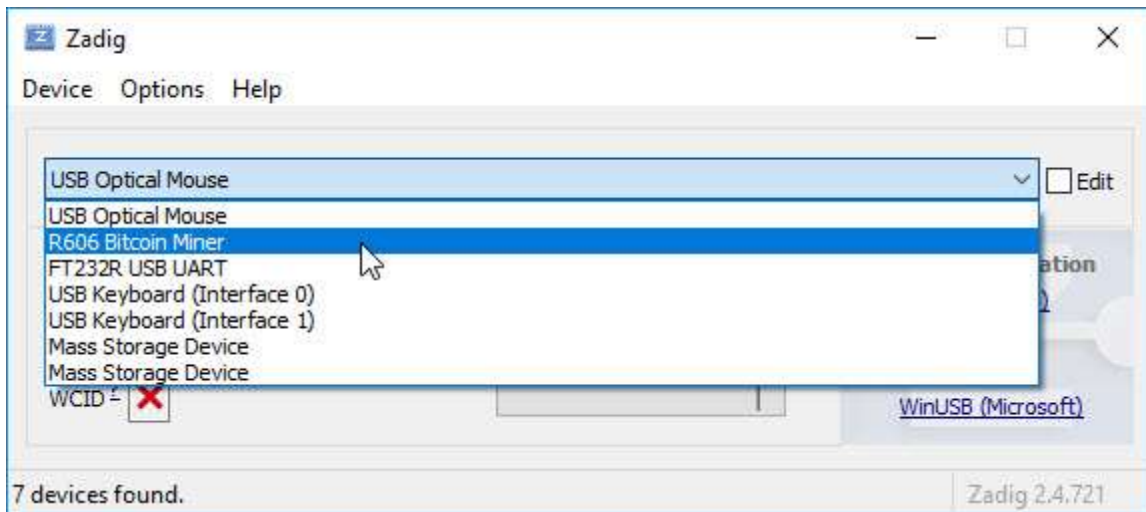
You must setup your own mining pool / wallet settings, but we recommend ckpool.org as it's the simplest. Open a wallet of your choice, write down the address for later use in cgminer. No fuss up and mining in minutes.

If you need help setting up a wallet, we suggest you start here: <https://bitcoin.org/en/choose-your-wallet>

Step 2: Install Drivers

WinUSB drivers can be installed using a generic installer you can get here: <http://zadig.akeo.ie/>

- After installing Zadig, plug the new 2PAC BM1384 Miner into the PC and it will show up in the drop-down list



- Select the “**R606 Bitcoin Miner**” from the top list and WinUSB (v6xxx) from the available drivers. Press the Install Driver button and wait for the success message. **You may need to select Options -> List All Devices.**

Step 3: Setup and run CGMiner

For CGMiner, you can download the latest pre-built version with GekkoScience drivers. **(Must be built for GekkoScience)** download here: <https://bitcointalk.org/index.php?topic=5053833> or here: <https://www.419mining.com>

- If you want to compile them yourself, please request the advanced build steps from us as it's a large document.
- Extract the zip archive to a folder of your choice and open a 'cmd' prompt to that folder.

All pods are tested to operate at 550MHz (750GH) at volt setting 4 (OXX) for 24 hours before being shipped out.

Run syntax:

```
.\cgminer.exe -o <stratum pool> -u <User/BTCaddress> -p <password> --gekko-r606-freq 550
```

Example for our wallet:

```
.\cgminer.exe -o stratum+tcp://pool.ckpool.org:3333 -u 1DtRzACnDAr2SPXMyAp3pLMfREPch3PbHA -p x --gekko-r606-freq 550
```

Need a little more help or interested in overclocking? Send us a message and will help build you a cgminer config with your custom settings.

That's it, Happy Mining! – if you need further assistance or Linux instructions, please contact us or visit the forums, we are happy to help.

=Button Reference=

The voltage settings on the R606 are controlled by the push button on the front. The miners are set to run at stock speeds using Setting4 (430mV)

Setting 0 390mV	Setting 1 400mV	Setting 2 410mV	Setting 3 420mV
Setting 4 430mV	Setting 5 440mV	Setting 6 450mV	Setting 7 460mV