



ASIC MINER TTBIT SHA256 USB Stick Miner User Guide

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TTBIT USB Stick Miner User Guide

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The First Glance

The TTBIT USB miner features 2 Bitmain BM1384 chips (this is the same chip as in the Bitmain S5). The typical rate is 10-15+gh/s depending on the clock rate. Efficiency is approximately 0.31-0.35 watts page.



Accessories & Connection

1. Accessories

You will need a powered USB hub that is capable of supplying at least 1.0 – 2.0 amps per port.

2. Connection

- a) Connect your USB hub to your host computer. Make sure the power adapter is plugged in as well.
- b) Insert the TTBiT USB Stick Miner into the USB hub via the USB port. Please note: Connection order must be “a)” first, and then “b)”. Order cannot be reversed.

Setup (Windows)

Download cgminer and zadig winUSB driver to your computer.

TTBiT Modified cgminer from here:

Link 1: <https://bit.ly/2DaALad>

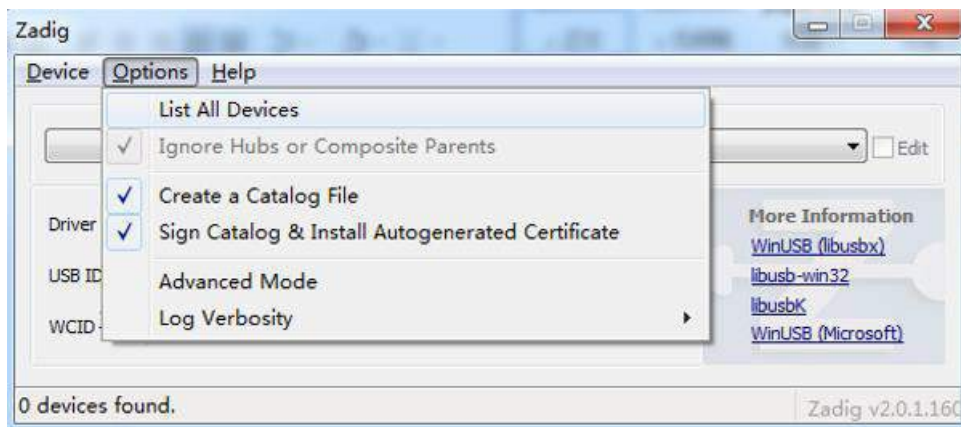
Link 2: <https://goo.gl/Bmb5kc>

Link 3: <https://github.com/ttbit-software/cgminer/releases/download/SH256/new.ttbit.cgminer.windows.zip>

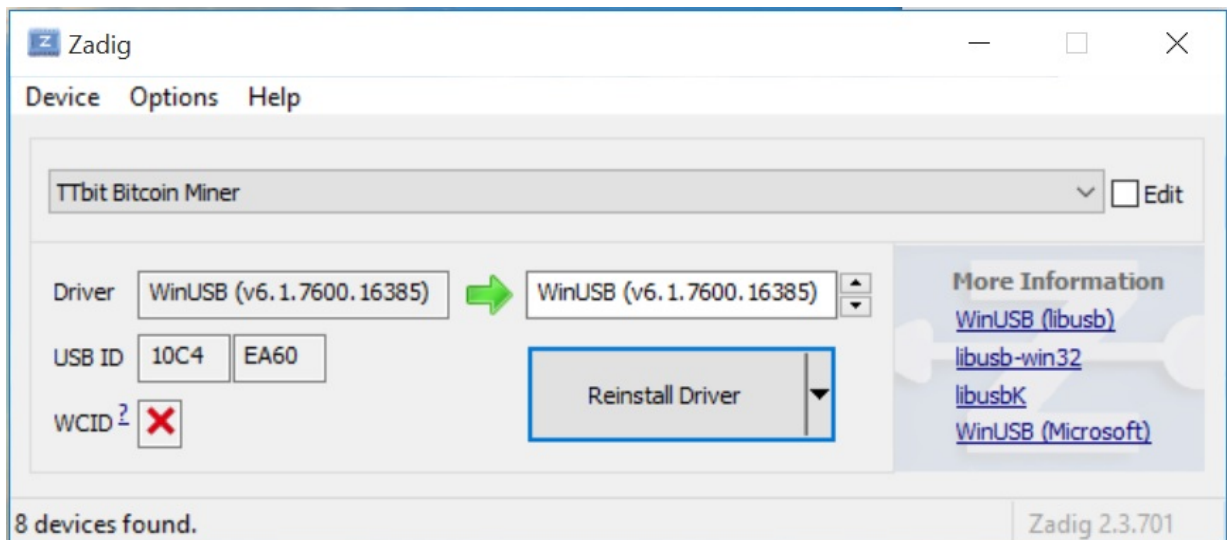
Zadig WinUSB Driver: <http://zadig.akeo.ie/>



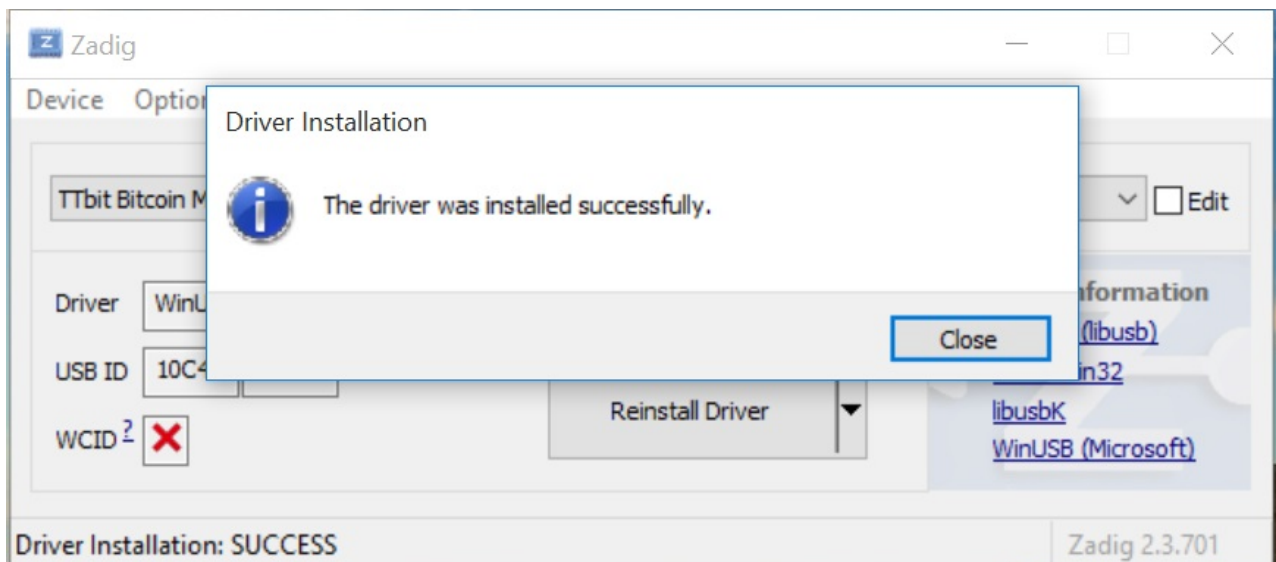
1. Plug in your TTBiT USB miner.
2. Open Zadig and click “Options -> List All Devices”



3. Select TTBIT Bitcoin Miner, and then click “Replace Driver”



4. If it is successful you will see the following message:



5. Run cgminer with the following commands below:

```
cgminer.exe -gekko-2pac-freq 100
-o stratum+tcp://bitcoin.viabtc.com:3333
-u (your username here) -p (your password here)
```

Basic Troubleshooting (Q&A)

Q: Does the miner need cooling?

A: No it does not need any extra cooling as the miner has a built-in fan already.

Q: Can I run this cgminer build with the Gekkoscience devices?

A: Yes. The Gekkoscience devices will register with separate device names from the TTBIT miner.

Q: How can I set a different frequency for the TTBIT?

A: cgminer will accept the following parameters for the stick.

–gekko-2pac-freq 100

Q: **How many TTBIT miners can I run at a time?**

A: You can run as many as your USB hub can power. Please remember you will need a powered USB hub that can do 1-2 amps per port for all the ports you wish to use.

Q: **Which mining pool do you suggest?**

A: We suggest using the viabtc smart mining pool: <https://www.viabtc.com/pool>

How it works:

Viabtc automatically mines the most profitable bitcoin chain at any given moment such as bitcoin, bitcoin cash, bitcoin SV, etc.

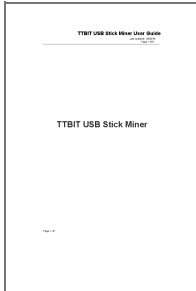
Please note you must sign up to Viabtc and create an account first: <https://www.viabtc.com/signup>

Other mining pools: <https://www.multipool.us>

<https://pool.bitcoin.com>

<https://slushpool.com/>

Documents / Resources

	<p>ASIC MINER TTBIT SHA256 USB Stick Miner [pdf] User Guide TTBIT, SHA256, USB Stick Miner</p>
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