

# Using unMineable with HiveOS to “mine” MATIC

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## Abstract

*Here we show our successful effort to “mine” MATIC coins using a GTX 1660 Ti GPU with an older AMD PC. The software used included unMineable, HiveOS and the T-Rex miner. The GPU was actually mining ETH coins and unMineable paid out in MATIC coins. For a single miner, there was no charge to use HiveOS.<sup>1</sup> This configuration generated three MATIC coins during runs over several 3-day weekends.*

## Overview

This document does not describe all the actions needed to use unMineable with a non-Windows miner. It does outline the general steps required and provides a number of relevant screen displays. The next section lists the basic steps to be performed and the following section provides URLs to helpful install information.

## Installation and Configuration Steps

1. Install Metamask and establish your MATIC wallet address.
2. Install HiveOS and optionally test with ethermine or another similar ETH pool.
3. ReConfigure your HiveOS “flight sheet” to use unMineable.

## Sample installation URLs

Install Metamask for Polygon/MATIC:

<https://medium.com/stakingbits/setting-up-metamask-for-polygon-matic-network-838058f6d844>

Install HiveOS on USB “stick”:

[https://hiveon.com/getting\\_started-quick\\_install/](https://hiveon.com/getting_started-quick_install/)

unMineable URL:

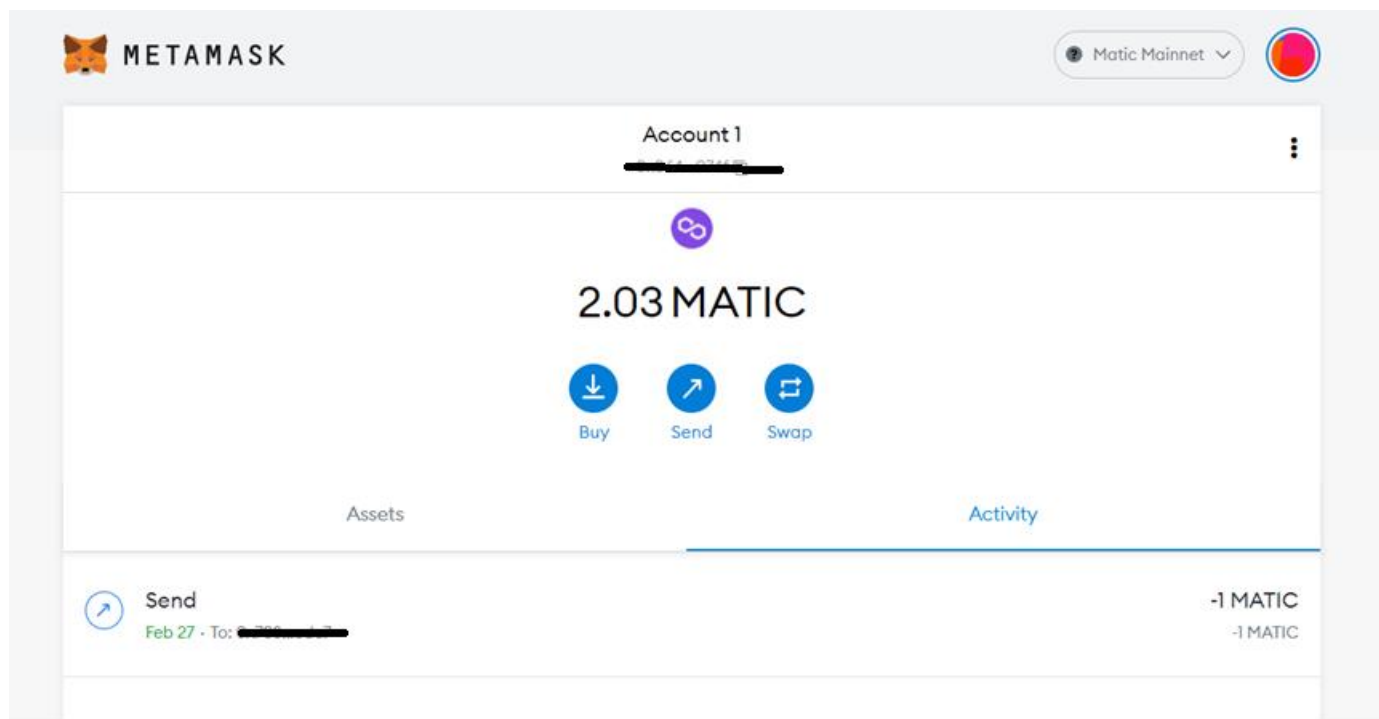
<https://www.unmineable.com/coins/MATIC>

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<sup>1</sup> . Note that Windows was not used and that HiveOS is a very customized Linux distribution. HiveOS included the needed GPU drivers.

## Screen Displays of Interesting Steps

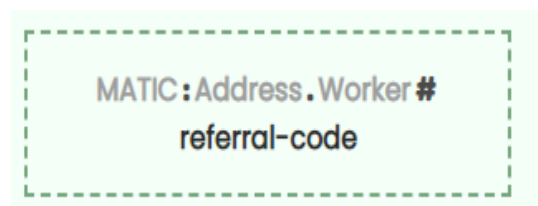
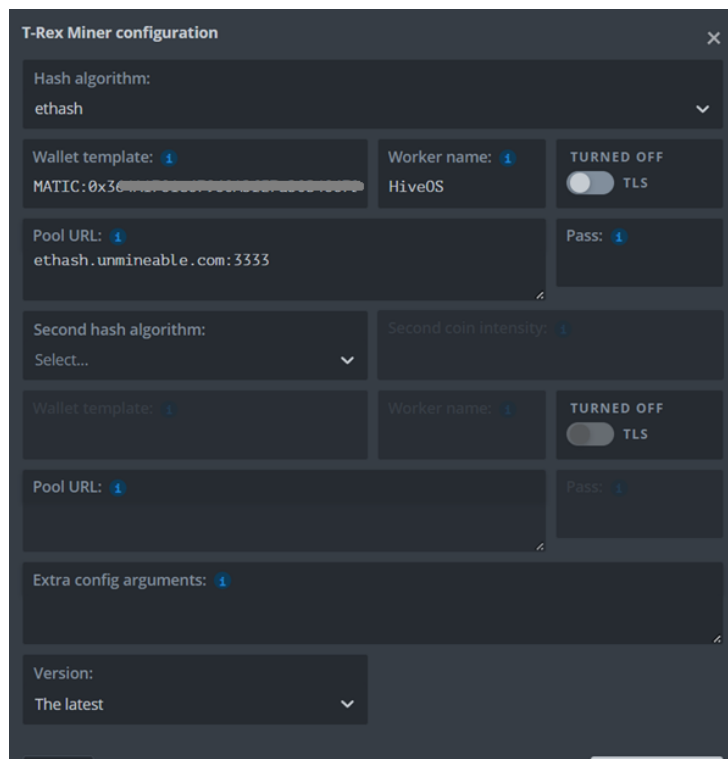
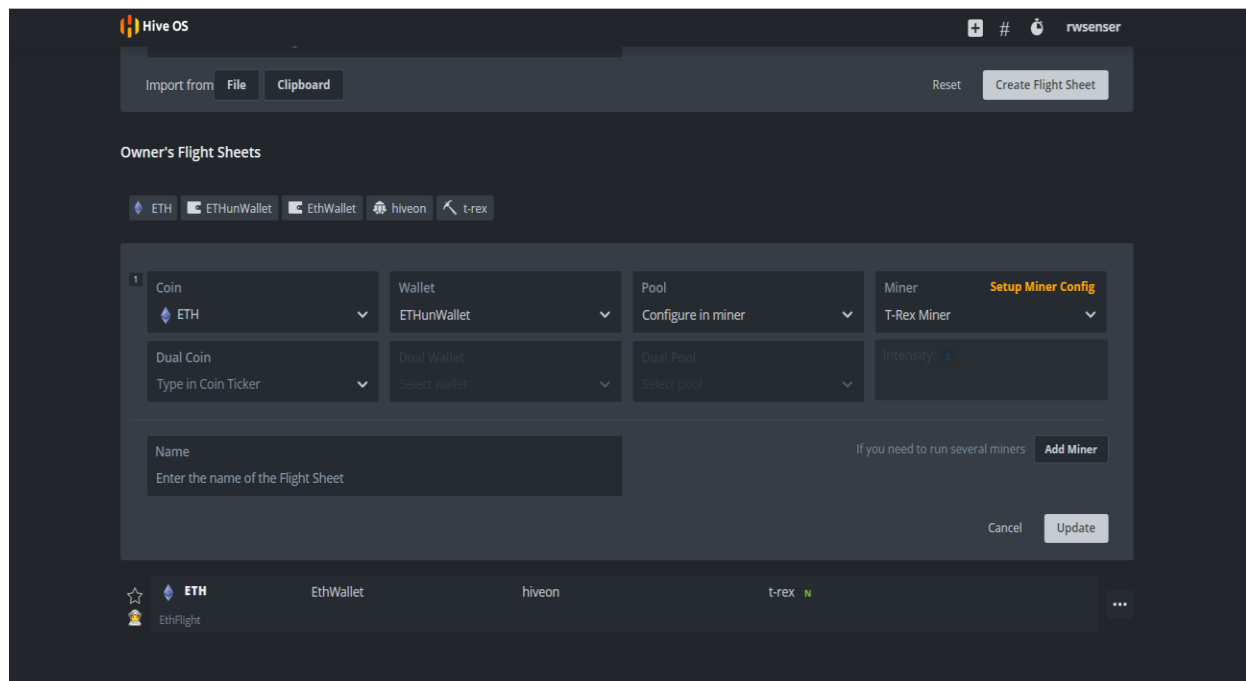
MetaMask showing successful MATIC “mining” of 3 coins<sup>2</sup>



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<sup>2</sup> Note that 1 MATIC coin has been sent to another wallet.

## HiveOS “FlightSheet” Settings<sup>3</sup>



<sup>3</sup> Fully formatted “wallet template”:

MATIC:0xhhhhhhhhhhhhhhhhhhhhhhhhhhhhhh.HiveOS#wb6q-0hqg

Hash algorithm:  
ethash

Wallet template: [i](#)  
[redacted]HiveOS#wb6q-0hqg

Worker name: [i](#)  
HiveOS

Pool URL: [i](#)  
ethash.unmineable.com:3333

### Edit Wallet ✕

Coin  
ETH ▼

Address  
MATIC:0x[redacted]HiveOS#wb6q-0hqg

Name  
ETHunWallet

Source  
Choose exchange, wallet type or describe somehow ▼

☐ **Fetch wallet balance**

**BETA** Currently you can fetch balance from exchanges, pools and blockchains:  
[i](#) [Show supported](#)

Cancel Update

## Other HiveOS Displays

Hive OS - farm - Select worker

Workers: 1, GPU: 1, Consumption: 110.0 w, Hashrate: 25.54 MH/s (ETH), Balance: \$0

Free DAILY COST, Pay on pool HIVEON, \$0.00 YOUR FUNDS

Workers Cards Stats Wallets Flight Sheets Schedules Overclocking Templates Devices Activity Access Billing Settings

Cards VBIOS ROM Storage Help

All Online Offline With Errors Show filters Worker Name...

Worker Name Issues OEM GPU Memory Size VBIOS Overclocking

25.54MH 60° GPU 0 GeForce GTX 1660 Ti 5944 MB · MSI Rig # Overclocking has not settled yet No VBIOS history 110 w

Overview Flight Sheet Overclocking Tuning Stats Activity Settings

GPU 0 GeForce GTX 1660 Ti 5944 MB · MSI 01:00.0 Micron GDDR6 · 90.16,29.00.F2 · PL 70 W, 130 W, 140 W 25.54 MH 61° 40% 110 w

1.71 1min 1.97 5min 2.05 15min LOAD AVERAGE CPU TEMP 10° FREE SPACE 24Gb FREE RAM 2.9Gb CONSUMPTION 110.0w OS VERSION 0.6-213@211221 0.6-213@220313

A 20.40 (5.11.1001) N 470.86 DRIVERS

Motherboard 990FXA-UD3 Gigabyte Technology Co., Ltd. (F2 07/15/2013) System type linux  
CPU 8 × AMD FX(tm)-8350 Eight-Core Processor AES Kernel 5.10.0-hiveos #83  
Disk USB DISK 2.0 31.0GB, ATA ST2000DL003-9VT1 2000GB, ATA KINGSTON SV300S3 Remote IP xx.xxx.xx.xx  
Model 240GB Local IP 192.168.1.150  
MAC Address 74:d4:35:5e:ba:06

## unMineable Displays

Before mining:

unMineable

755.99025605 BTC • 132,678

[Start](#) [Address](#) [Referrals](#) [Download](#) [Support](#)

Enter your address:

0x

Q

Pending balance • 1% mining fee • Current network: Polygon

0 MATIC

[Payout now](#) [Switch network](#) [View on explorer](#)

☒ Auto pay once a day (at 01:00 UTC) whenever my balance is over 3 MATIC

[Workers](#) [Payments](#) [Referral Code](#) [Stats](#)

You have no workers online.

TIP: You can mine different algorithms at the same time, with different worker names.

Ethash

Etchash

RandomX

Kawpow

You have no Ethash workers online.

Baby Doge (BABYDOGE) is now available for mining! payouts are processed via the BSC chain. Get started [here!](#).

2022-03-03 13:53

Fantom (FTM) is now available for mining, payouts are available on the FTM, BSC and ETH chains. Get started [here!](#).

2022-02-08 10:22

Active mining:

Enter your address:

Q

Pending balance • 0.75% mining fee • Current network: Polygon

0.0203688 MATIC

[Payout now](#) [Switch network](#) [View on explorer](#)

☒ Auto pay once a day (at 01:00 UTC) whenever my balance is over 3 MATIC

[Workers](#) [Payments](#) [Referral Code](#) [Stats](#)

Ethash

Etchash

RandomX

Kawpow

Worker

Mh

HiveOS

wb6q-0hqg

26 (24)

13:53

Baby Doge (BABYDOGE) is now available for mining! payouts are processed via the BSC chain. Get started [here!](#).

10:22

Fantom (FTM) is now available for mining, payouts are available on the FTM, BSC and ETH chains. Get started [here!](#).

8:38

Bitcoin Coin (CRO) is now available for mining, get started [here!](#).

miners can now switch the following payout chains: ETH, BSC (BEP20) & Polygon. We have some updates to the payment system per network. Kindly [check our details](#).

08:50:00

09:05:00

09:20:00

Current

Calculated

## Final Notes, Observations and Thoughts

1. Costs and Fees

Note that the T-Rex miner applies usage fees and the unMineable likely also applies fees.

2. GPU Tuning

The GPU and PC used here are also used for other purposes (“deep learning”); therefore, the GTX 1660 Ti was not overclocked so as to avoid unnecessary wear.

3. HiveOS

The HiveOS console is very handy and makes managing the ETH miner relatively easy.

4. USB “stick” usage

HiveOS was NOT installed on the PC’s disk drive. It was booted and used from a USB “stick”.

5. Setup Details

Ethhash was used with the Polygon payout chain. The Polygon chained permitted a payout with 3 coins mined.

6. T-Rex Usage

The T-Rex miner was used simply because it is known to have good support for GPUs.

7. unMineable Support

The unMineable support people were very helpful. Their help was needed to find the format of the wallet template.