Miner's Coffee

A Powerful and Accessible
GPU Mining Software

USER DOCUMENT

Content

Before You start

Appreciation for your purchase of this software.

This software can provide users with the best mining user experience

Before you start using the software, please read this chapter to familiarize yourself with the main functions

Find the analysis of professional vocabulary on the noun analysis page.

Find the method to download, use, and close the software in the software instructions.

Find the meaning and location of all components and pages on the UI in the software overview.

View the method and process of using software for mining monitoring in the operation introduction.

Terms

GPU Clock: The GPU's core frequency is measured in megahertz (MHz), which represents "million cycles per second." Generally speaking, the higher the core frequency, the faster the GPU and the more work per second.

VRAM Clock: Video memory frequency refers to the frequency at which the video memory is working on the graphics card by default, in MHz (Megahertz). The video memory frequency reflects the speed of the video memory to a certain extent.

Power Draw: W (Watt) is the unit, used to calculate power consumption

Hashrate: The number of hash collisions that can be done per second. The unit is MH/s (Mega-hashes per Second).

Coin: Type of cryptocurrency. At the current version, we only support Ether (ETH).

Core: Program used to mine the crypto. At the current version, we only support NBMiner.

Pool: An aggregation of multiple miners.

Wallet: Your mining account, you need to go to a mining pool to register one.

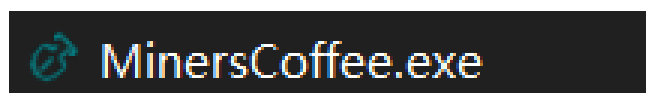**Worker:** The name of the mining rig (any name you like).

General Instructions

1) Installation

You can download the software compressed package from our designated address.
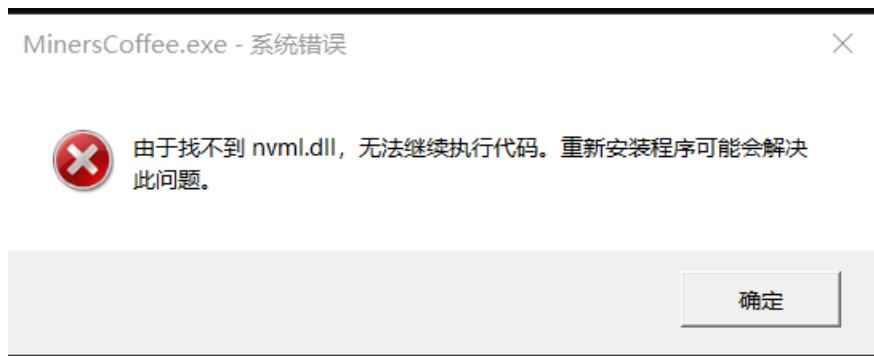
2) Use

After decompression, you can find the MinerCoffee.exe file in code/ MinersCoffee-release. Double-click the exe file to run it.

At the same time, please allow the computer OS to access to the software.
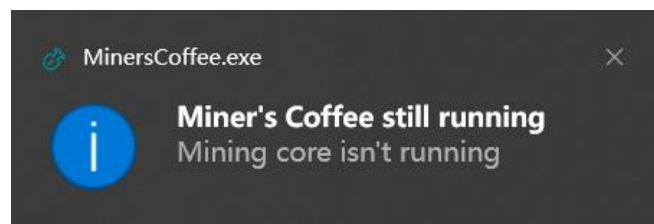
3) Error

A) GPU Driver Error

Only NVIDIA GPUs are supported. If so, please install the newest driver from www.nvidia.com.

4) Daemon

The button at the top of the software does not completely close the software. We will hide the

UI and prompt you to continue using the software in the background. You can find our software icon

in the back-end, click it to show the UI.

5) Turn off

You can enter ctrl + C in the supporting terminal to stop the software, or enter the background program, right-click the icon, and click close.

```
E:\MinersCoffee\Code\References\MinerLamp-master\build-MinersCoffee-Desktop_Qt_5_9_9_MSVC2017_64bit-Debug\debug\MinersCo...    —    □    X
GPU #0: gpu clock offset set to 1 MHz
descreasing gpu offset
GPU #0: Memory clock offset set to +2 MHz
GPU #0: gpu clock offset set to 1 MHz
descreasing gpu offset
GPU #0: Memory clock offset set to +2 MHz
GPU #0: gpu clock offset set to 1 MHz
descreasing gpu offset
GPU #0: Memory clock offset set to +2 MHz
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descreasing gpu offset
GPU #0: Memory clock offset set to +2 MHz
GPU #0: gpu clock offset set to 1 MHz
descreasing gpu offset
GPU #0: Memory clock offset set to +2 MHz
```

Software Overview

Navigation Bar

1	Hover on to switch page explanation
2	Overview of mining
3	Mining settings
4	Statistic
5	Device information
6	Monitor overall
7	Overlocking
8	Virtural Memory
9	Arthority information

Monitor

Temperature Module	Display the value of max and min temperature of all your devices on real-time. Show max temperature history on the chart.
GPU Module	Display max and min GPU Clock\VRAM Clock\Fan Speed\Power Draw Information among all devices
Mining Module	(Only effectively display after starting mining) Display Hashrate\Estimated income\and Effective Rate
Free Disk Space	Display your disk usage information

Mining

Mining Parameters	Select box for your Coin/Core/Pool
	Input box for wallet and worker's name
	Push the button to start and stop mining
Log Module	Display log information for error checking

Statistics
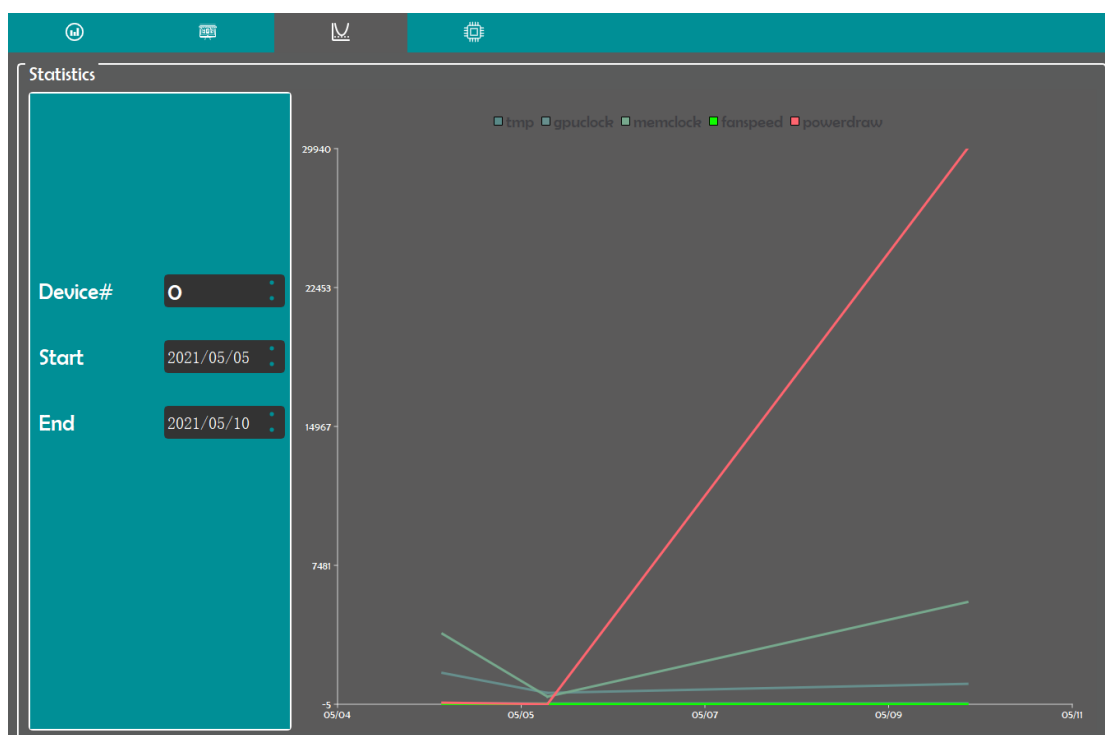
Statistics	Select device and date interval and automatic display the history statistic
Device#	Select which device you are interested in
Start	Select date for History interval query front end
End	Select date for History interval query back end

Device Information
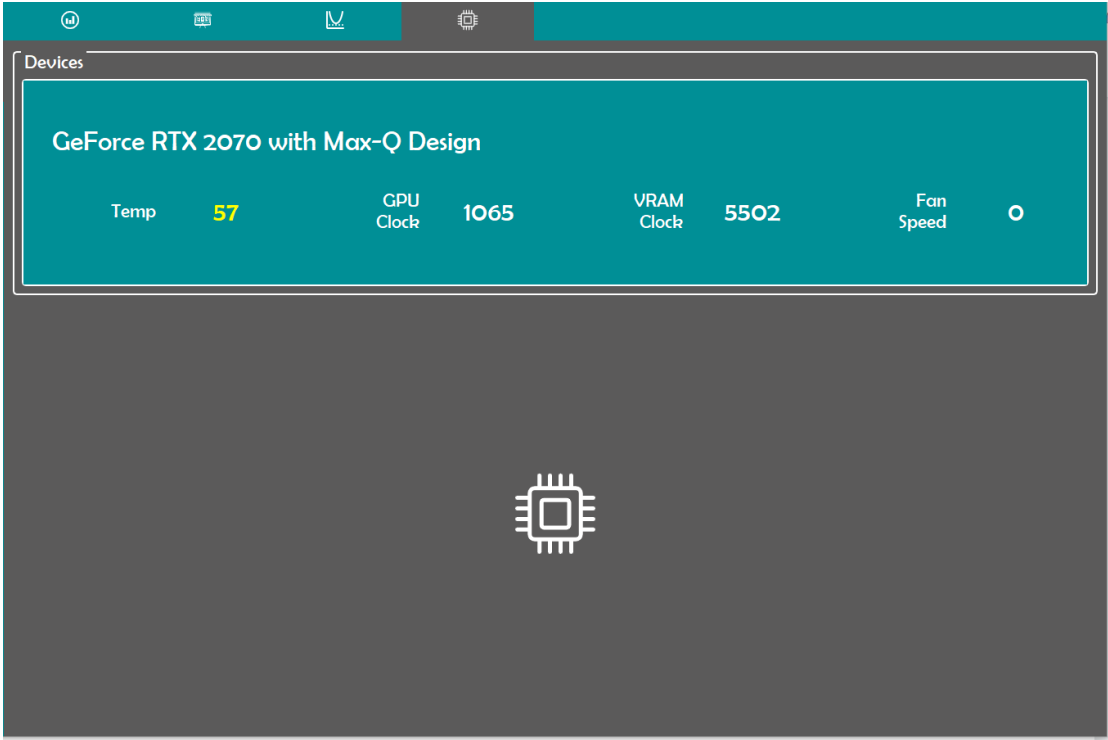
Devices Module	Display all NVIDIA devices' information on your computer

Overclocking
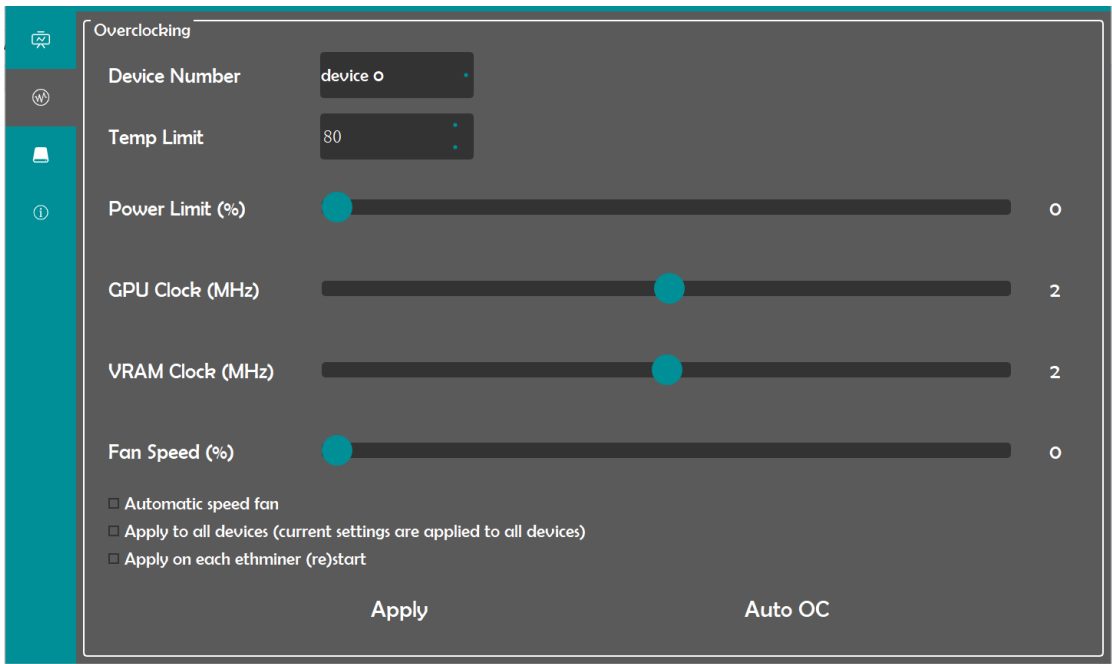
Device number	Select which device you are interested in
Temp Limit	Set your temperature limit to protect your Device
Group scrolling	Automatically/manually adjust Power limit/GPU Clock/VRAM clock/Fan Speed and push Apply to confirm your adjustment
Automatic Settings	Provided choice to set automatic overclocking

Virtual Memory Settings
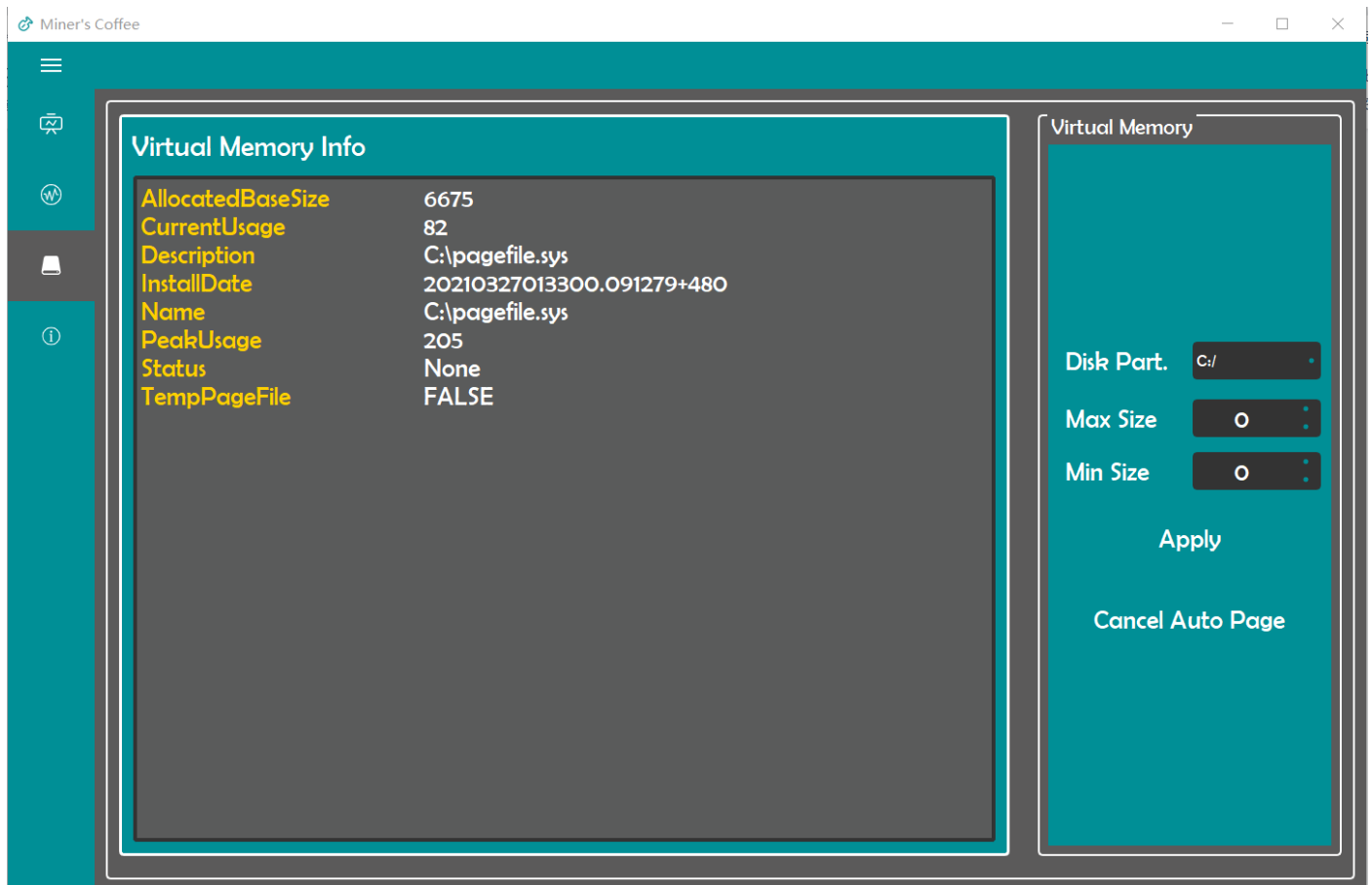
| Virtual memory Information	Display information about virtual MEMORY
Disk part	Select disk to create virtual memory
Max/min size	Set your memory sets
Apply/cancel	Push buttons to apply/ cancel apply

Team Information

Dev Team	Team members' information

Operational Instructions

Step 1: Complete the information in the mining parameters, especially the wallet name and miner name, and then press the start button to start mining.

Step 2: When a prompt to start mining is displayed in the log, it means that mining has started successfully. If you need to change the mining information, you should press the stop button to stop mining, complete the information again and repeat step 1.
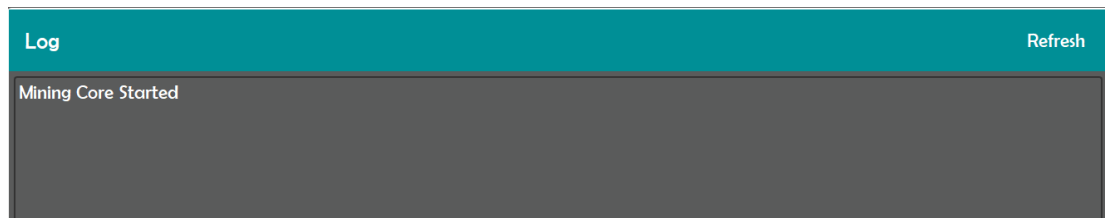
Step3: Observe your GPU temperature changes, Hashrate and other information on the overview page to ensure that your mining progresses normally. After the first few seconds, your estimated income page will display the specific value instead of N/A, as shown in the figure.
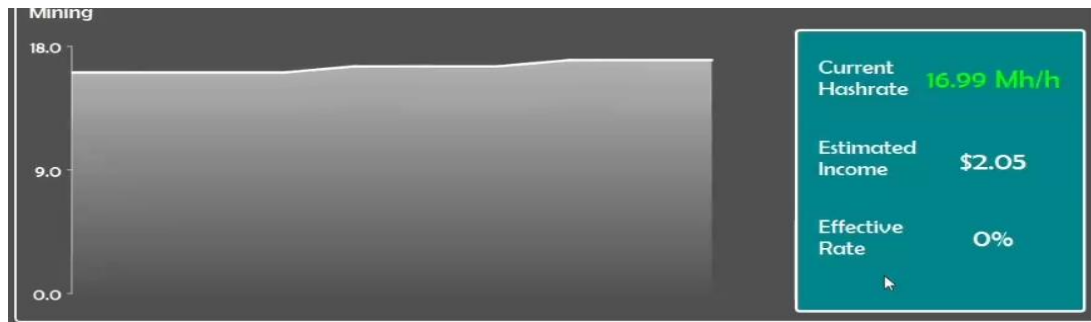
Step 4: You can go to *127.0.0.1:22333* for more specific mining information (if NBMiner is used).

Step 5: On the overclocking setting page, you can get the current value according to the position of the slide bar, slide the slide bar to set the value, click the apply button and then adjust.
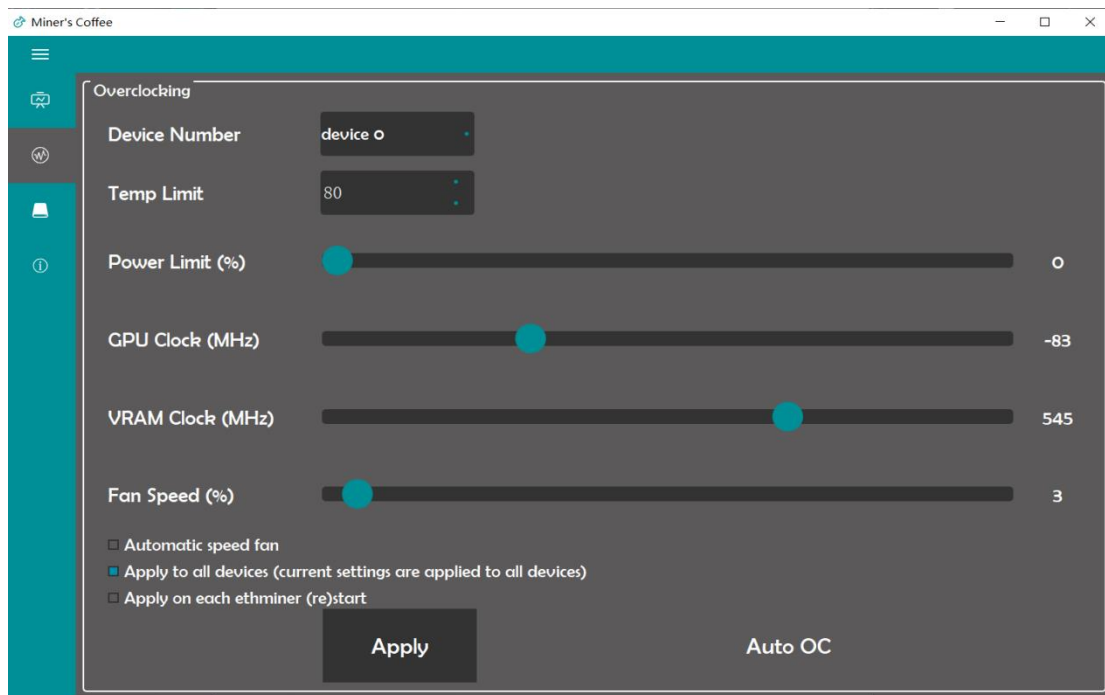
Step 6: Of course, if you are a novice, you can choose to use our automatic overclocking recommendation function, as long as you click the AUTO OC button below, we will set the overclocking according to your GPU type.

Step 7: View historical data. On the history page, you can select the time interval and device number you are interested in to call up the historical data. The data we display includes temperature, GPU clock, memclock, fanspeed, and powerdraw. You can move the mouse to the icon to zoom the axis

(Please note, please do not check the date in the future or the history 30 days ago)

Step 8: For better use, you can set the virtual memory. You can view the amount of free memory of each disk on the overview page, and then select and set the disk on the virtual memory setting page.

Virtual Memory Info

AllocatedBaseSize	8483
CurrentUsage	106
Description	C:\pagefile.sys
InstallDate	20210327013300.091279+480
Name	C:\pagefile.sys
PeakUsage	314
Status	None
TempPageFile	FALSE

Disk Part.   C:/

Max Size   17

Min Size   2

Apply

Cancel Auto Page