

CHEETAH Gekkoscience NewPac Windows 10 setup

Step 1:

A. Download **ZADIG 2.5** software using this link

[Zadig - USB driver installation made easy \(akeo.ie\)](http://akeo.ie)

Note: "libusb-based" above means an application that uses either [libusb](#), [libusb-win32](#) or [libusbK](#).

Download

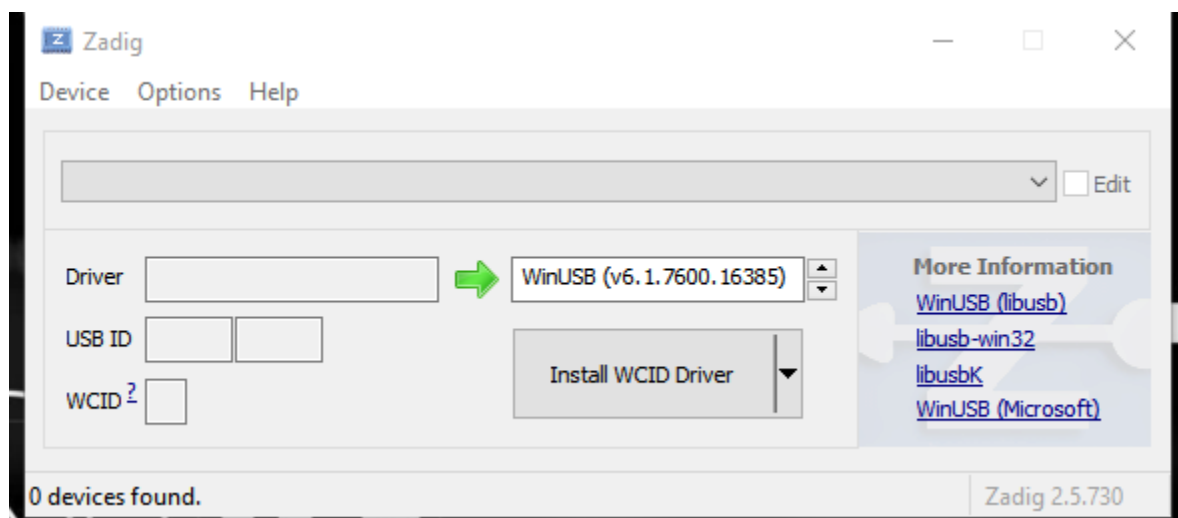
Updated 2020.03.28:

- **Zadig 2.5** (4.9 MB)
- [Other versions](#)

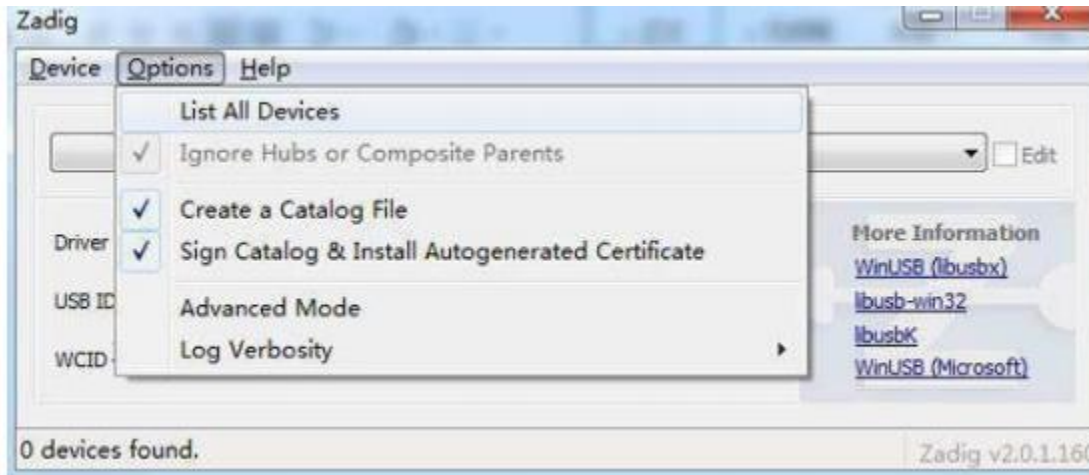
System Requirements:

Windows 7 or later.
Windows XP and Windows Vista are **NO LONGER SUPPORTED**.

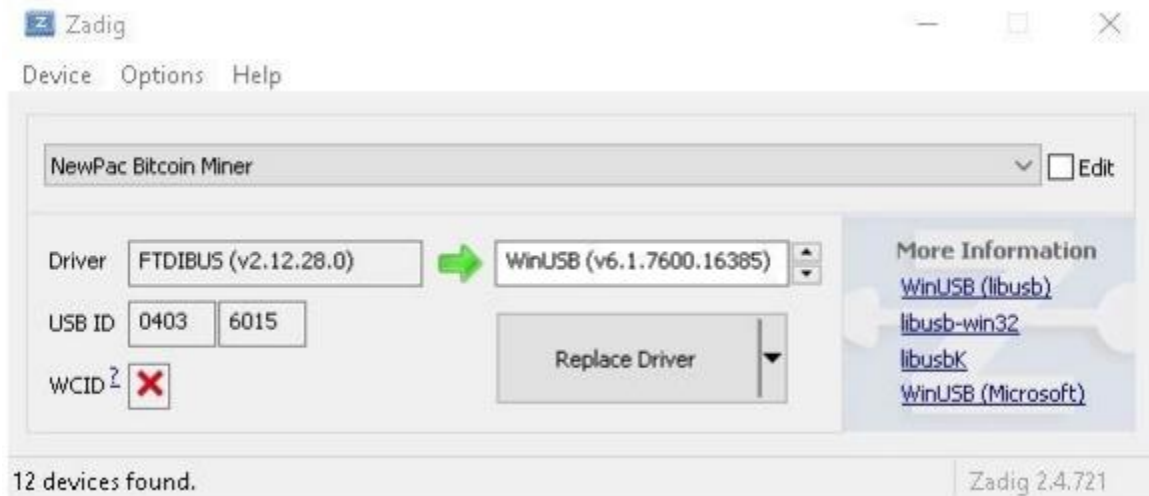
B. Once downloaded, attach **GEKKOSCIENCE NEWPAC** device. Once it is connected double click **ZADIG** software. It will look like the picture below once **ZADIG** is opened.



C. Click options menu on top and select **list all devices**.



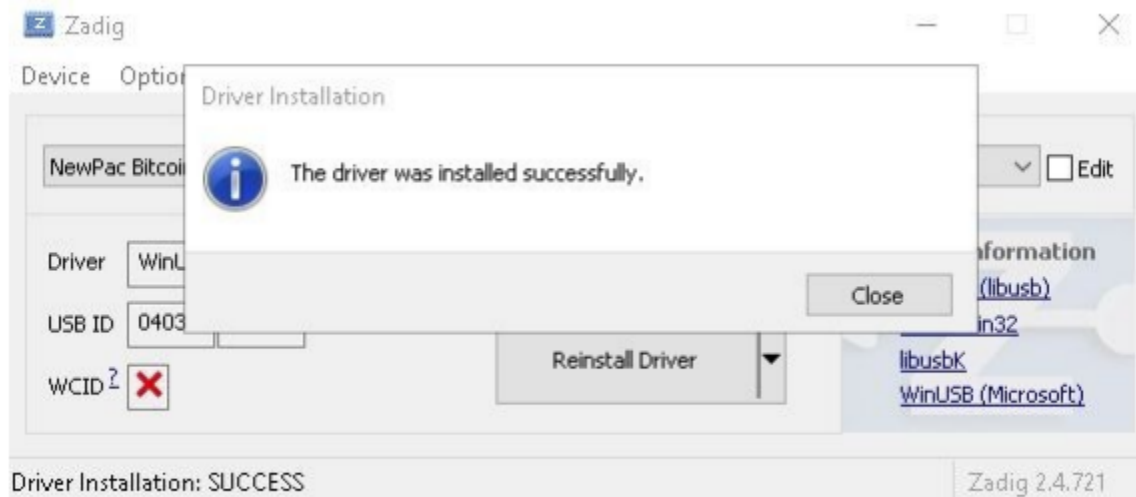
D. Then click on the dropdown and select **NewPac Bitcoin Miner**.



****NOTE****

The right column above the **Replace Driver** is automatically set to **WinUSB (v6.1.7600.16385)**.

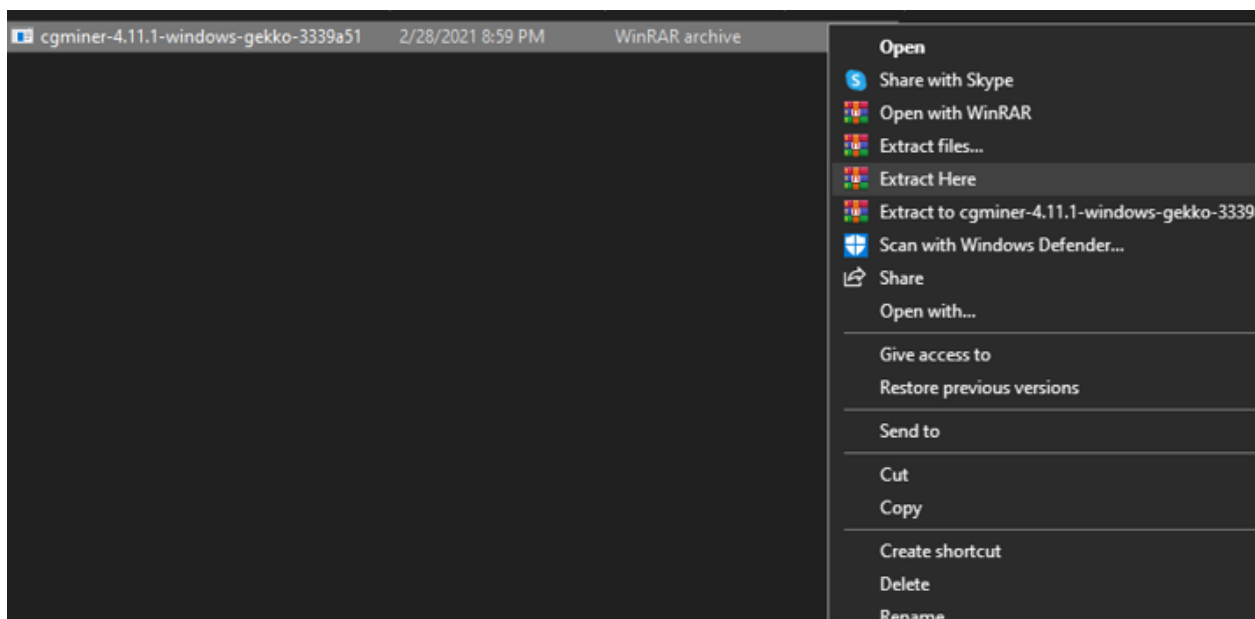
- E. Click Replace Driver and wait for it to finish and then click close in the pop up message.



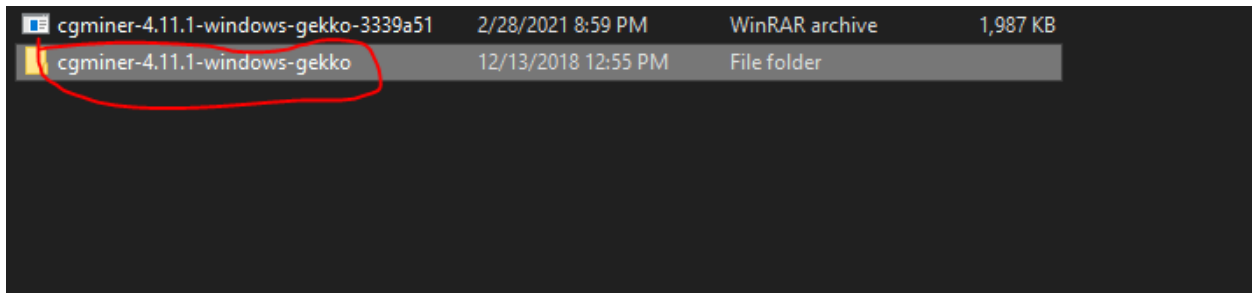
- F. Next Download **cgminer** using the link below.

<http://23.108.83.14/images/cgminer-4.11.1-windows-gekko-3339a51.7z>

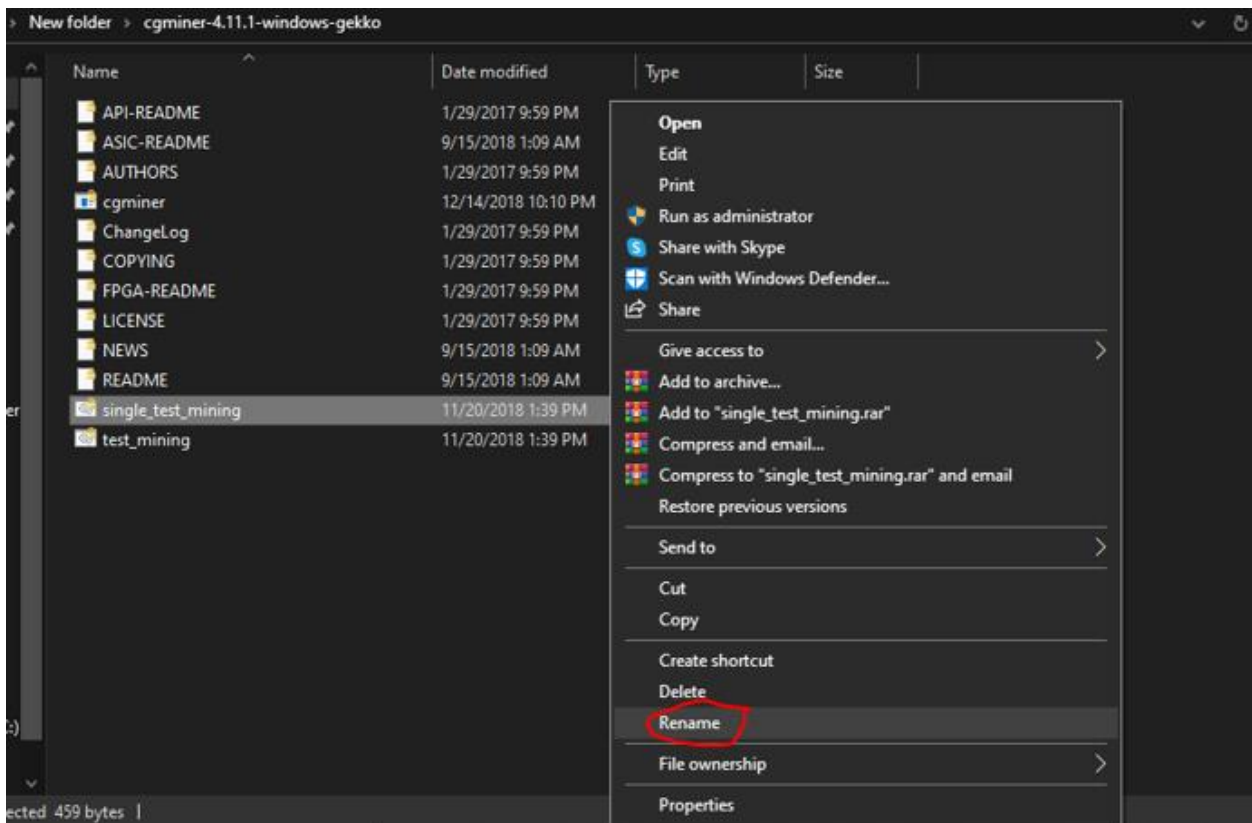
- G. Once downloaded right click the cgminer file and click **Extract Here**, using any unzip program(**WINRAR**)



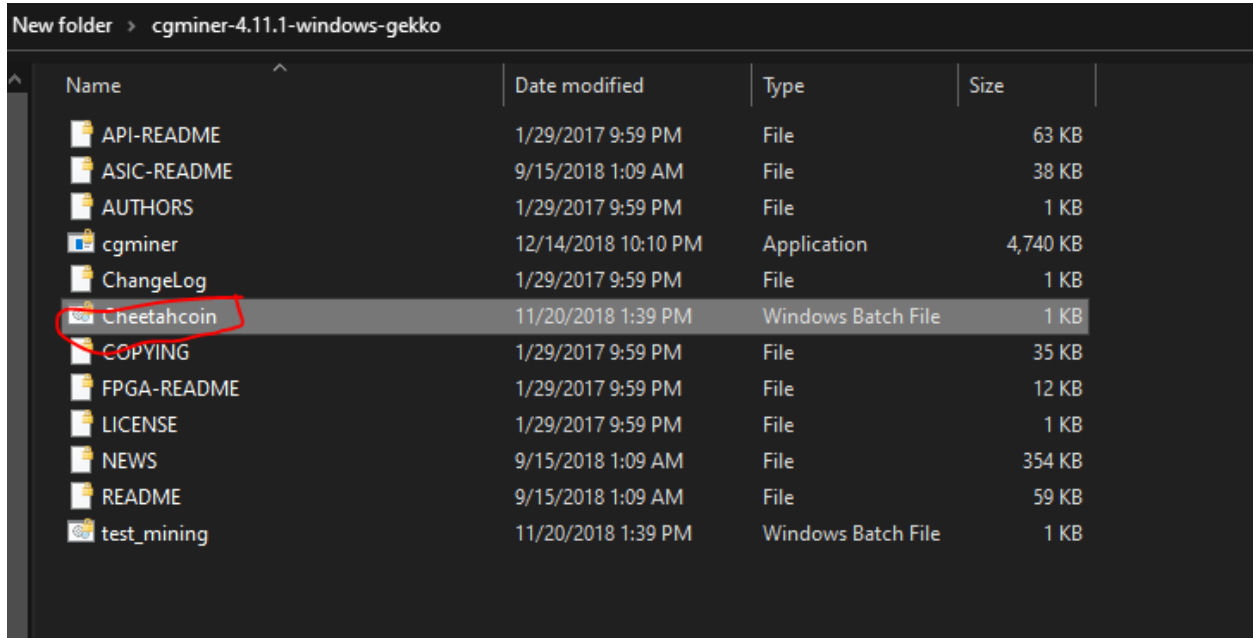
****This is what should be outputted after extracting****



H. Right click **single_test_mining** and select **rename**. Rename it **Cheetahcoin** and click enter to confirm the renaming of the file.



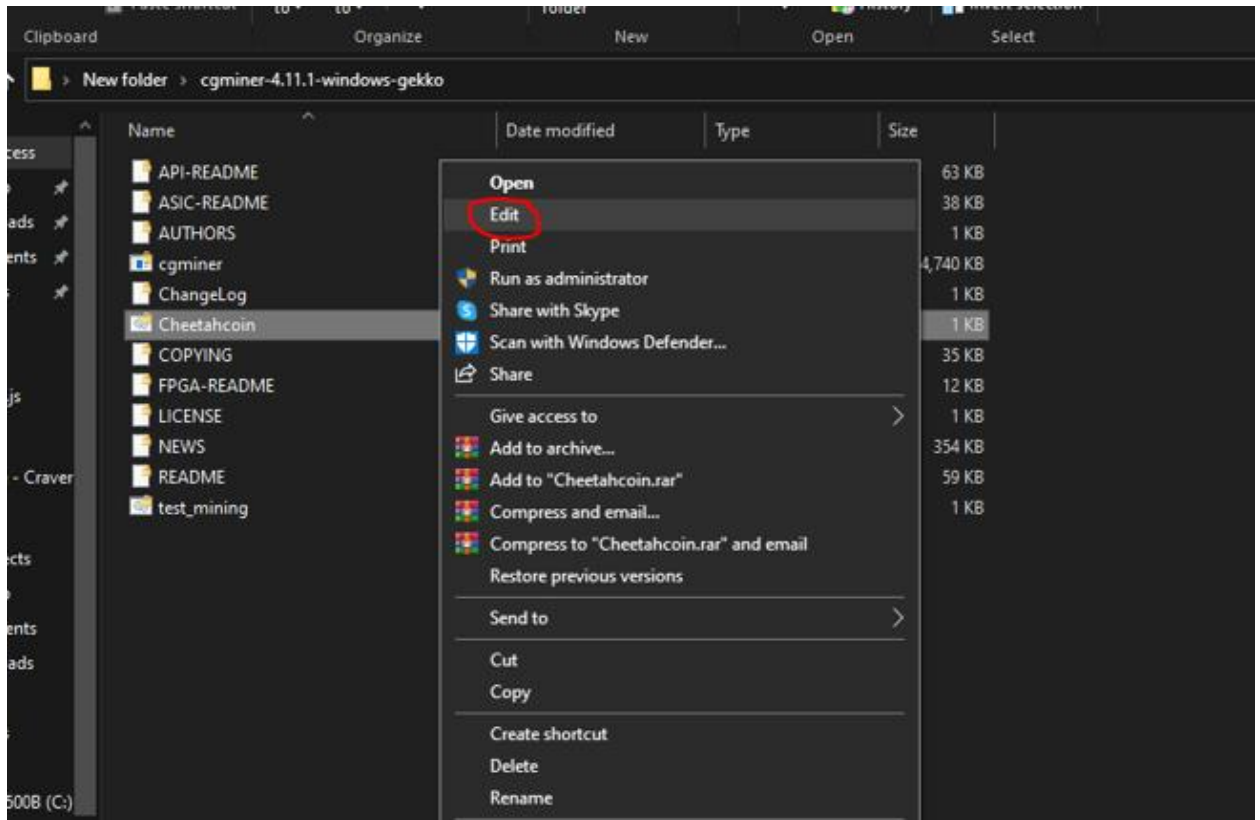
****File renamed****



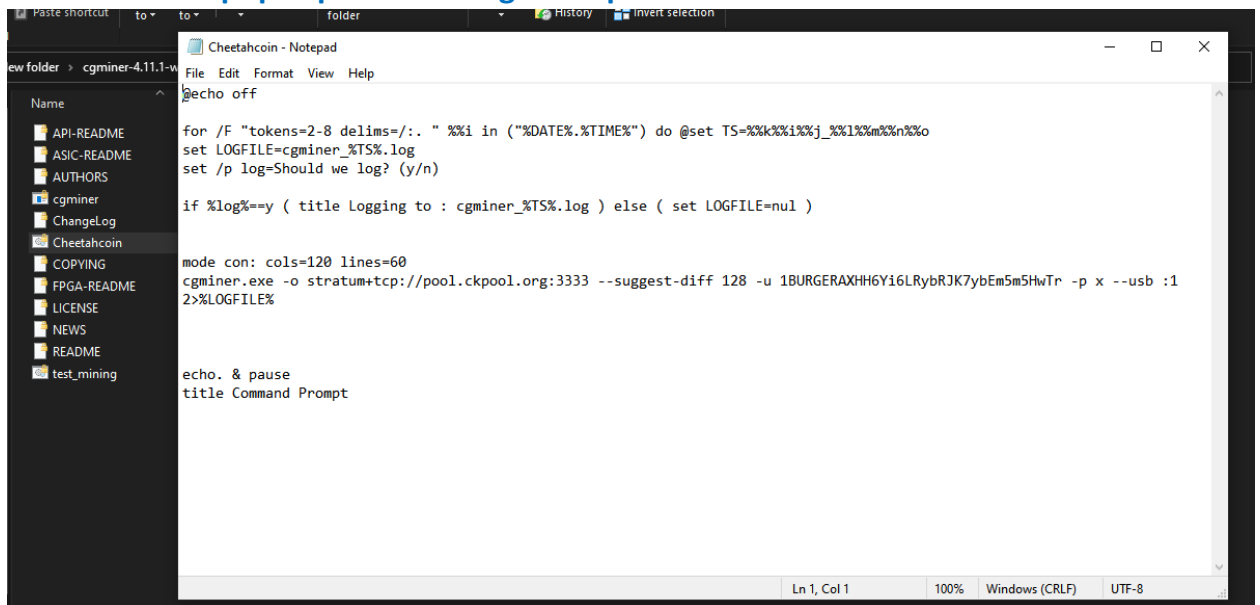
New folder > cgminer-4.11.1-windows-gekko

Name	Date modified	Type	Size
API-README	1/29/2017 9:59 PM	File	63 KB
ASIC-README	9/15/2018 1:09 AM	File	38 KB
AUTHORS	1/29/2017 9:59 PM	File	1 KB
cgminer	12/14/2018 10:10 PM	Application	4,740 KB
ChangeLog	1/29/2017 9:59 PM	File	1 KB
Cheetahcoin	11/20/2018 1:39 PM	Windows Batch File	1 KB
COPYING	1/29/2017 9:59 PM	File	35 KB
FPGA-README	1/29/2017 9:59 PM	File	12 KB
LICENSE	1/29/2017 9:59 PM	File	1 KB
NEWS	9/15/2018 1:09 AM	File	354 KB
README	9/15/2018 1:09 AM	File	59 KB
test_mining	11/20/2018 1:39 PM	Windows Batch File	1 KB

- I. Double click the extracted folder and then right click **Cheetahcoin file** and select **edit**.



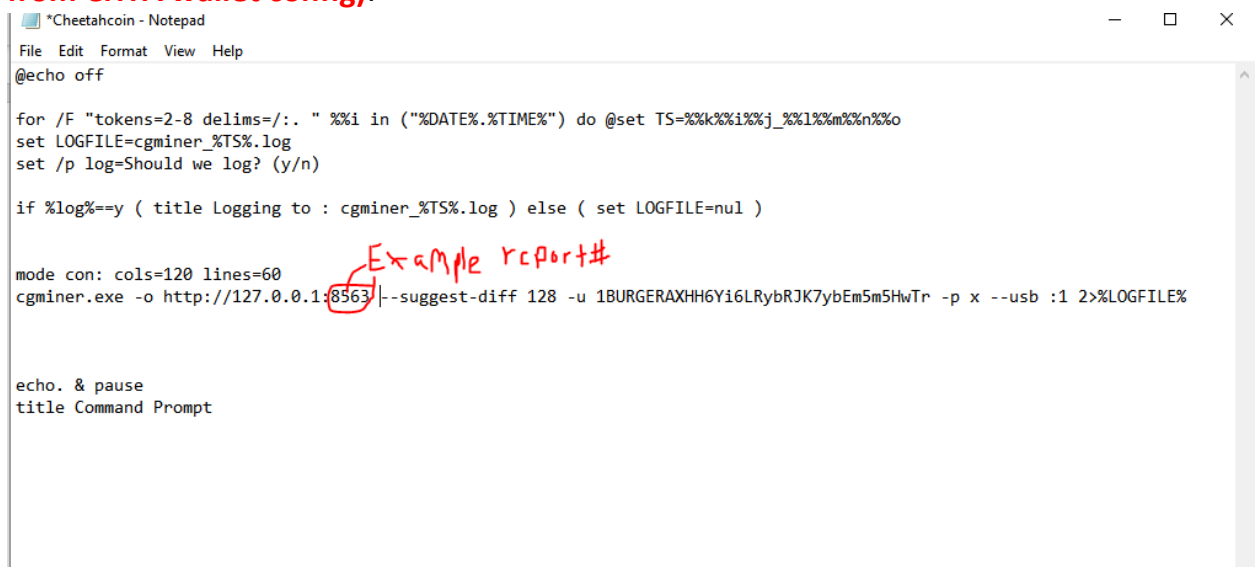
Window that pops up after hitting edit option*



****Down below you can either use the solo mining config or the pool mining config for mining****

Solo mining option

- J. Replace **stratum+tcp://pool.ckpool.org:333** with **http://127.0.0.1:(your rcpot from CHTA wallet config)**.



```
*Cheetahcoin - Notepad
File Edit Format View Help
@echo off

for /F "tokens=2-8 delims=/:. " %i in ("%DATE%.%TIME%") do @set TS=%k%i%j_%l%m%n%o
set LOGFILE=cgminer_%TS%.log
set /p log=Should we log? (y/n)

if %log%=y ( title Logging to : cgminer_%TS%.log ) else ( set LOGFILE=nul )

mode con: cols=120 lines=60
cgminer.exe -o http://127.0.0.1:8563|--suggest-diff 128 -u 1BURGERAXHH6Yi6LRyBtRJK7ybEm5m5HwTr -p x --usb :1 2>%LOGFILE%

echo. & pause
title Command Prompt
```

K. Delete **--suggest-diff 128** & **--USB :1**

```
*Cheetahcoin - Notepad
File Edit Format View Help
@echo off

for /F "tokens=2-8 delims=/:. " %i in ("%DATE%.%TIME%") do @set TS=%k%i%j_%l%m%n%o
set LOGFILE=cgminer_%TS%.log
set /p log=Should we log? (y/n)

if %log%==y ( title Logging to : cgminer_%TS%.log ) else ( set LOGFILE=nul )

mode con: cols=120 lines=60
cgminer.exe -o http://127.0.0.1:8563 -u 1BURGERAXHH6Yi6LRyBjK7ybEm5m5HwTr -p x | 2>%LOGFILE%

echo. & pause
title Command Prompt
```

L. Type your **username** from **rpcuser CHTA wallet config** to **-u** & type a random **password** to **-p**

```
*Cheetahcoin - Notepad
File Edit Format View Help
@echo off

for /F "tokens=2-8 delims=/:. " %i in ("%DATE%.%TIME%") do @set TS=%k%i%j_%l%m%n%o
set LOGFILE=cgminer_%TS%.log
set /p log=Should we log? (y/n)

if %log%==y ( title Logging to : cgminer_%TS%.log ) else ( set LOGFILE=nul )

mode con: cols=120 lines=60
cgminer.exe -o http://127.0.0.1:8563 -u redraider96/ -p password123 | 2>%LOGFILE%

echo. & pause
title Command Prompt
```

Ln 11, Col 67 100% Windows (CRLF) UTF-8

M. Type **--btc-address (CHTA wallet address)**

```
*Cheetahcoin - Notepad
File Edit Format View Help
@echo off

for /F "tokens=2-8 delims=/:. " %i in ("%DATE%.%TIME%") do @set TS=%k%i%j_%l%m%n%o
set LOGFILE=cgminer_%TS%.log
set /p log=Should we log? (y/n)

if %log%=y ( title Logging to : cgminer_%TS%.log ) else ( set LOGFILE=nul )

mode con: cols=120 lines=60
cgminer.exe -o http://127.0.0.1:8563 -u redraider96 -p password123 --btc-address adfhjdkshfdkdkfkj87 2>%LOGFILE%

echo. & pause
title Command Prompt
```

N. Type **--gekko-newpac-freq (range from 100-500mhz (**if over 100mhz use a fan to cool device**))**

```
*Cheetahcoin - Notepad
File Edit Format View Help
@echo off

for /F "tokens=2-8 delims=/:. " %i in ("%DATE%.%TIME%") do @set TS=%k%i%j_%l%m%n%o
set LOGFILE=cgminer_%TS%.log
set /p log=Should we log? (y/n)

if %log%=y ( title Logging to : cgminer_%TS%.log ) else ( set LOGFILE=nul )

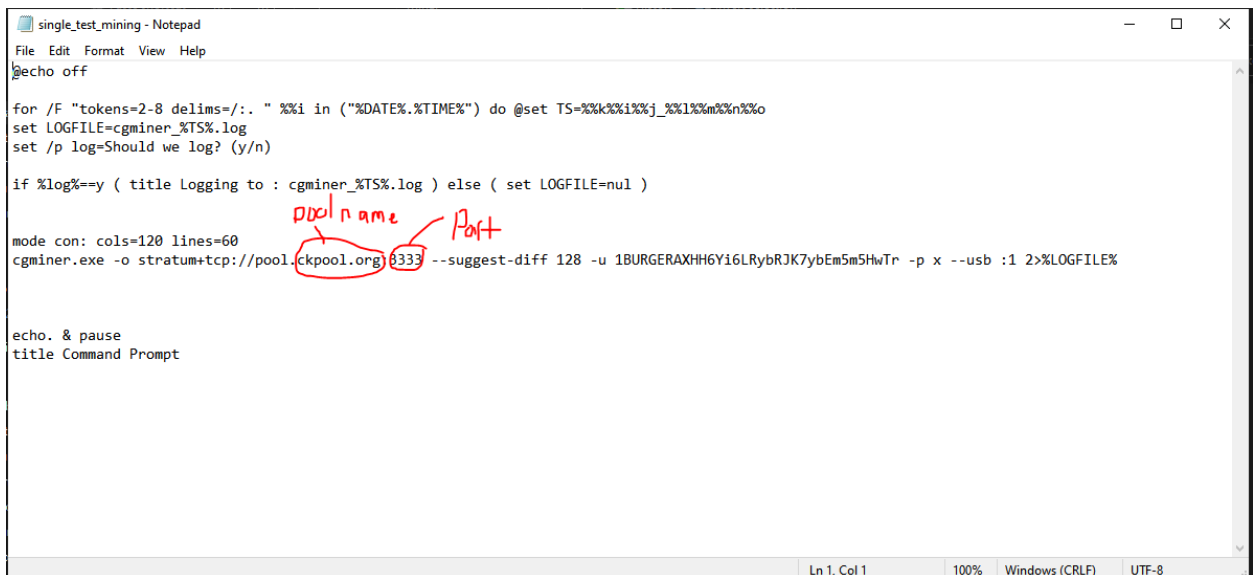
mode con: cols=120 lines=60
cgminer.exe -o http://127.0.0.1:8563 -u redraider96 -p password123 --btc-address adfhjdkshfdkdkfkj87 --gekko-newpac-freq 200 2>%LOGFILE%

echo. & pause
title Command Prompt
```

- O. Click save. Then double click **Cheetacoin bat file(file you edited)**. When the prompts comes up asking if you want to log type **n** and **enter**.

Pool mining

- P. Replace **ckpool.org** with the pool name (Example: hashminingpool.com) & replace **3333** with **port#** generated by pool.



```
single_test_mining - Notepad
File Edit Format View Help
@echo off

for /F "tokens=2-8 delims=/:. " %i in ("%DATE%.%TIME%") do @set TS=%k%1%j_%l%m%n%o
set LOGFILE=cgminer_%TS%.log
set /p log=Should we log? (y/n)

if %log%=y ( title Logging to : cgminer_%TS%.log ) else ( set LOGFILE=nul )

mode con: cols=120 lines=60
cgminer.exe -o stratum+tcp://pool.ckpool.org:3333 --suggest-diff 128 -u 1BURGERAXHH6Y16LRyB7YbEm5m5HwTr -p x --usb :1 2>%LOGFILE%

echo. & pause
title Command Prompt
```

Ln 1, Col 1 | 100% | Windows (CRLF) | UTF-8

****Example of poolmining website & what to input and then click generate to create****

The screenshot shows the HashMiningPool website interface. On the left, there's a 'Command Line Generator' section with a 'Coins' dropdown set to 'Cheetahcoin (CHTA)', a 'Wallet Address' field containing 'sdfafadsfhjdsjfhkdhf', and a 'Generate' button. Handwritten red annotations include '1. Chta Wallet' pointing to the coin selection, '2. Click' pointing to the 'Generate' button, and '3. Copy' pointing to the wallet address field. Below the generator, there's a terminal window showing the command: `-a sha256 -o stratum+tcp://hashminingpool.com:3331 -u sdfafadsfhjdsjfhkdhf -p c=CHTA`. On the right, there's a 'Pool Status' table listing various coins and their mining parameters.

Coins	Port	Symbol	Miners	Pool Hashrate	Network Hashrate	Fees
lyra2z						
DangerCoin	45531	DNGR	0		1.1 Mh/s	0.5%
x16rv2						
FoxDcoin	36371	FOXD	3	82.8 Mh/s	5.7 Gh/s	0.5%
sha256						
Cheetahcoin	33331	CHTA	3	29.7 Th/s		0.5%
x16s						
TRUSTplus	36631	TRUST	0		1.1 Mh/s	0.5%
Mynt	36632	MYNT	1	19.2 Mh/s	37.1 Mh/s	0.5%
m7m						
Magi	60332	XMG	0		27 Mh/s	0.5%
yescryptR16						
Gold Cash	63331	GOLD	0		271.3 kh/s	0.5%
yescrypt						
GlobalBoost-Y	62332	BSTY	0		26 Mh/s	0.5%
scrypt						
Australia Cash	34334	AUS	0		574.0 Mh/s	0.5%

Q. Add CHTA wallet address to -u & leave -p x as is.

The screenshot shows a Notepad window with a mining command. The command is: `cgminer.exe -o stratum+tcp://pool.ckpool.org:3333 --suggest-diff 128 -u 1BURGERAXHH6Yi6L7yBRJK7ybEm5m5HwTr -p x --usb :1 2>%LOGFILE%`. A handwritten red circle highlights the wallet address '1BURGERAXHH6Yi6L7yBRJK7ybEm5m5HwTr', with a red arrow pointing to it and the text 'wallet addr' written in red.

```

@echo off

for /F "tokens=2-8 delims=/:." %%i in ("%DATE%.%TIME%") do @set TS=%%k%%1%%j_%%l%%m%%n%%o
set LOGFILE=cgminer_%TS%.log
set /p log=Should we log? (y/n)

if %log%==y ( title Logging to : cgminer_%TS%.log ) else ( set LOGFILE=null )

mode con: cols=120 lines=60
cgminer.exe -o stratum+tcp://pool.ckpool.org:3333 --suggest-diff 128 -u 1BURGERAXHH6Yi6L7yBRJK7ybEm5m5HwTr -p x --usb :1 2>%LOGFILE%

echo. & pause
title Command Prompt
  
```

R. Delete **-usb :1** & then Type **--gekko-newpac-freq (range from 100-500mhz(**If higher than 100mhz than use fan to cool device**))**

S. Click save. Then double click the file you just configured. When it prompts you if you want to log type **n** and **enter**