GoByte Miner
1.0
Release Date (2/14/2018)

Who should use this application?
This application was created for the GoByte team in order to help new and existing users to keep track of all of the mining pools in one location. This works for AMD and NVIDIA users alike. It does require that you have newer-ish card(s) as the technology grows, so do the requirements. So far we have tested with AMD 480/570/580 and NVIDIA 1050/1060/1070/1080(TI).

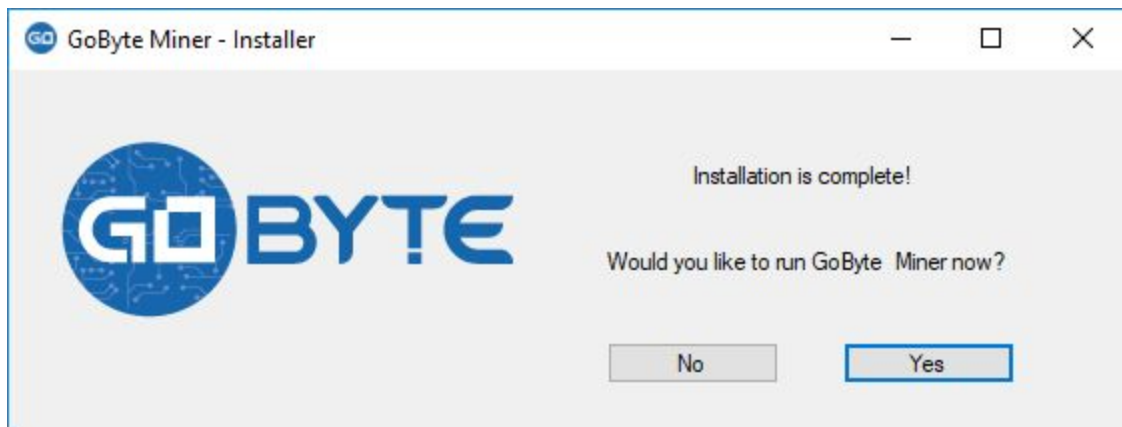**Windows Defender/AntiVirus**

You may need to disable Windows Defender/AntiVirus on the machine you are running. The installer will whitelist the install directory for you but you may still need to disable/whitelist any items (CCMINER/NSGMINER). As with any application you download, please use wireshark or verify this application is doing what you think it's doing. While we would never implement something to do otherwise, people are jerks.

Installing

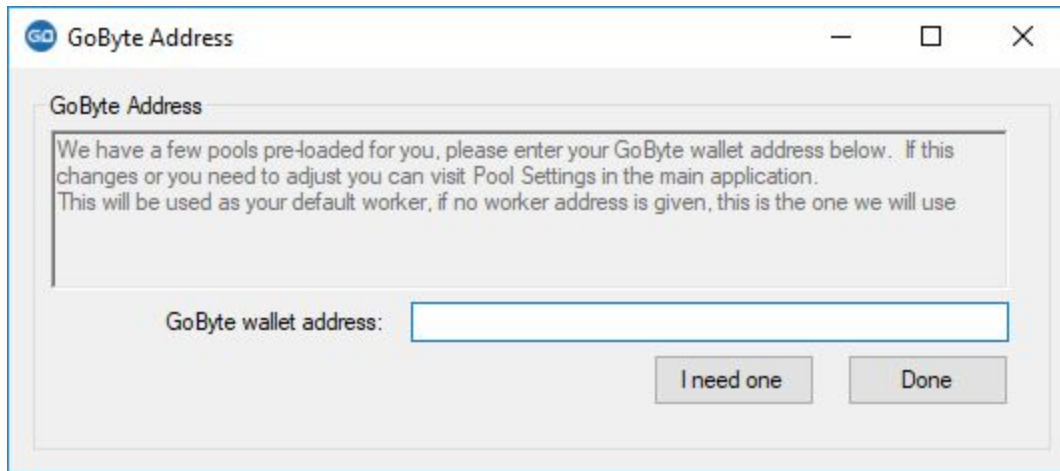Installing is a simple, Just download the .exe and run through the installer.

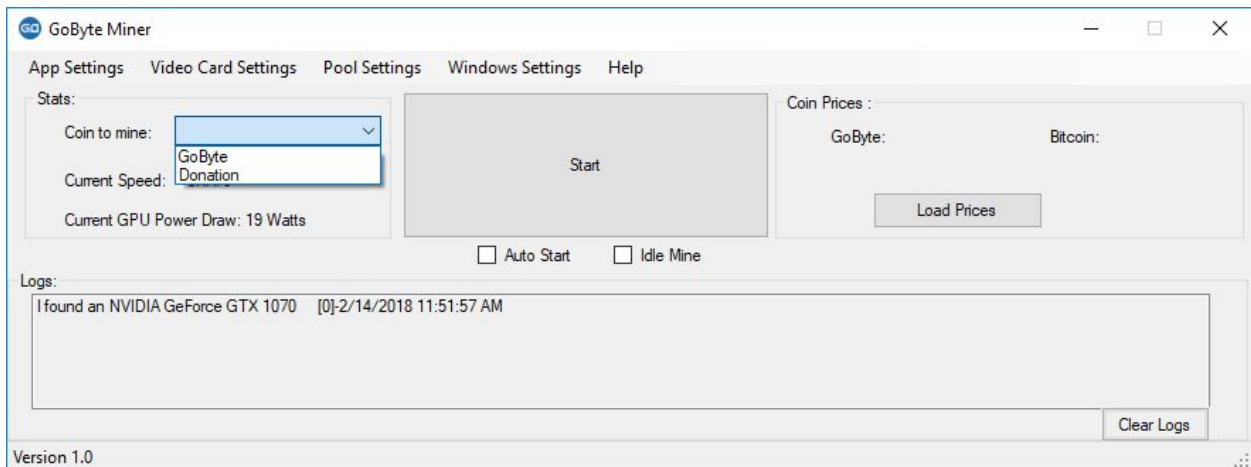Once it has installed, you can select yes to run it now!

Running GoByte Miner

When you first run the GoByte Miner, you will be greeted a message asking for your GoByte address. This is your personal address where we have pre-loaded pools and will use this for your address for all of them

If you need an address, click on I need one. Once you have put in your address select Done. Your miner is ready to go.

On Coin to Mine, you can select GoByte and Donation.

● By selecting GoByte, you are mining for yourself to the prefered pool.
● By selecting Donation, you are mining for the GoByte team. This helps them buy tools like this and many other things to help out with the community!

App Settings

- *Coin Price Display*
  - This will allow you to change the prices under Coin Prices to your native currency. If you have already clicked Load Prices from the main menu, you will need restart. This has to deal with threads talking to each other and should be updated in the future releases of this miner.
- *Backup/Restore*
  - **Backup :** This will copy all of your ~/Settings/*.* files to the ~/Backup folder
  - **Restore :** This will copy all of your ~/Backup/*.* files to the ~/Settings/*.* folder
- Miner Settings
  - While there are multiple applications for Nvidia to mine with, here is where you can change what you prefer what application that is. Note that when you do change this, you are also clearing out any advanced settings you may have setup. As the applications don't usually play nice with each other.
- Restart Settings
  - Here you can adjust how many failures are needed for a reboot to happen
  - Here you can have it reboot your machine
- *Idle Settings*
  - Here you can set the timeout when Idle Mine is checked. It is in seconds

- Exit
  - Bye! We will close any active mining (same if you click on the X to close)
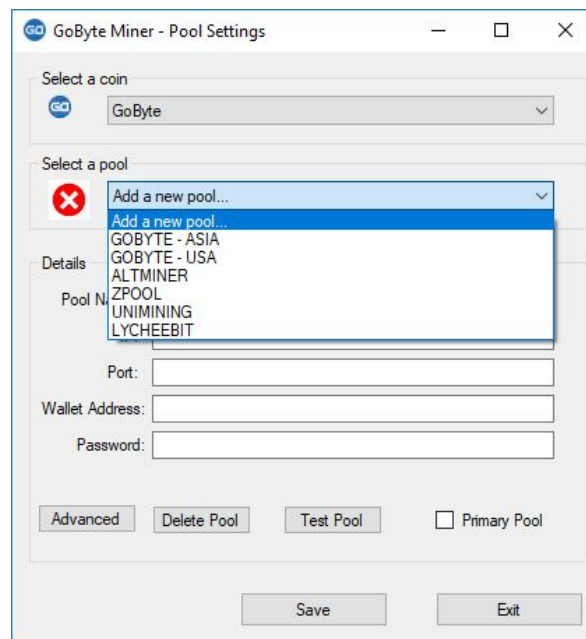
Video Card Settings

While Video Card Settings will show Nvidia stats (Bios,fan speed etc) we currently do not have an option to show this for AMD cards.   We are working with a few .dll's to fix this in the future. This setup is optimized for Nvidia cards (they have great api'
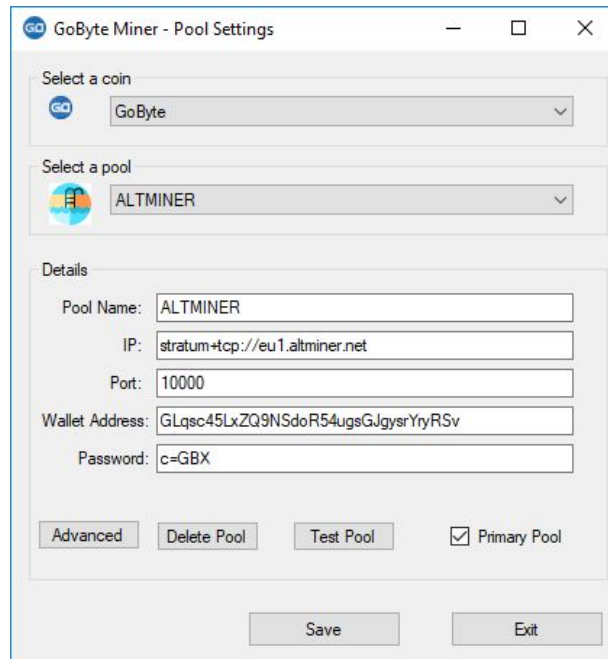
- **IF YOU DO NOT SEE STATS AND SEE THE BELOW, UPGRADE YOUR DRIVERS WITH NVIDIA.COM DRIVERS**

Pool Settings

- Add/Edit Pool
    - Here is where you will setup and manage all of your pools. The top popular pools have been pre-listed for you. When selecting a pool you want a good hash rate (more hashrate in a pool the better for miners), and a low MS ping time. If you have a bad network connection to a pool it can make/break a mining rig!
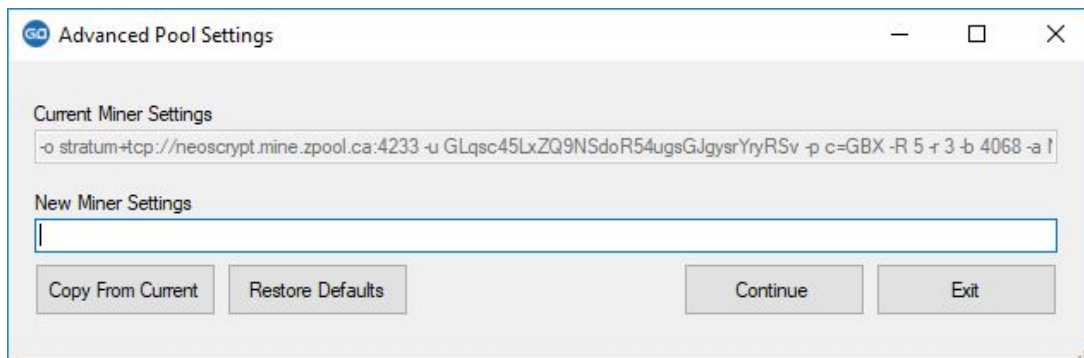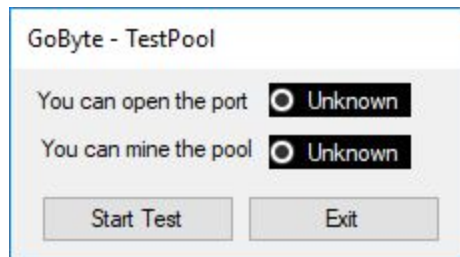
Here you can see that we have used your default address to populate the Wallet Address, and have it setup and ready to start mining. When selecting a pool, always make sure you test out your pool first!

- Advanced

-
    - Advanced settings will allow for you to edit custom settings with the mining. While we try to make sure you have the most advanced settings, things can change for each users, intensity, port, restart settings.
        - Copy from Current - This will allow for you to copy what we have and make edits. You would click on Continue, then save the pool to make changes. Always Test your Pool after saving to make sure your new settings have taken place
        - Restore Defaults - If you need to roll back to defaults, click this. Then continue, then save. This will put back the default we have setup for you
- Delete Pool
    - If you added your own pool you may delete it. Note that you can not delete pre-loaded pools.

- Test Pool

  ○ GoByte - TestPool

  ○ You can open the port   ⊙ Unknown

       You can mine the pool   ⊙ Unknown

       Start Test   Exit

  ○ Here you can Verify the Time/MS to a pool (lower the better) and that you can mine to the pool. While this is just making sure the mining application is open, you could still have issues. Verify in the new CMD window that things are ok!

- Primary Pool
  - ○ If you want to change your primary pool, just check this checkbox and select save. This will move primary pool over to be this one.

- Default Worker
  - ○ Here you can be greeted with the GoByte wallet address pop-up that you saw when you first ran the application. Anywhere you do not have a wallet address filled in, it will use this address. Any location where you have filled in an address it will not use this one
  - ○ I need one
    - ■ This will open the GoByte.Network page where you can download the wallet and use the address at hand
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Windows Settings

- *GoByte Miner on Boot*
  - *This will create an entry to load GoByte Miner on Boot*
    - *Enable - Will add it*
    - *Disable - Will remove it*
- *Auto Login on Boot*
  - *This will allow for you to make sure your computer auto logins*
    - *It will populate your current username, and ask for your password. You can enable/Disable this here.*
      - *YOU MUST RUN GOBYTE.EXE AS AN ADMINISTRATOR TO DO THIS.*
      - *THIS IS NOT THE BEST WAY TO DO THIS. USE MY WARNING HERE*

*This will setup your machine to auto login to the username that you give below. This use MUST be in the Administrators Group. I would
not use this way to get this done. While this will work, you should goto Start->Run Type in netplwiz.exe and uncheck Users must enter a username and password to use this computer. It will ask that you put in your password. With the way to do this programmatically we will need to store your username and password in the registry unencrypted
NOTE: you must right click on GoByte.exe and run as administrator for this to work! once you do, restart GoByte normally!*

Help

- Support
  - This will take you to the Discord for GoByte where you can ask questions and the team will help out!
- About
  - This will display a splash about the miner and the AIOMiner team

Main App

- Start

If you have setup a pool and have it listed as primary (check marked) then you will see a coin drop down over to the left, select the coin you want to mine and hit start.

Soon you will see the application start mining with your settings. Also you will see the GoByte Status bar at the bottom. This little guys is around to make sure everything goes smoothly with your mining operations. If he notices you stopped mining, but you didn't tell him to stop, he will restart the mining for you. You can edit your App Settings to reboot your machine if needed after

- Stop

This will close the mining application and give you a buffer to allow for your GPU to cool down before you hit start again (Similar to the power button on your pc, don't just keep clicking the power button!)

- Auto Start

Enable this option if you would like for GoByter to auto start mining the last selected coin once the application loads. Great for rig owners who need to start mining as soon as possible!

- Idle Mine

Enable this option if you want your machine to mine while it's idle. You can setup how long of idle you want before it starts mining in the App Settings. Note that you do need to have GoByte/Donation selected in the "Current Coin Mining" section.

- Load Prices

Clicking on this will show you prices for the coins listed. You can change the currency in which it shows from App Settings. This will update every 5 minutes. Note that if you do change your currency type, you will need to reload the miner for it to take place. Once that thread is going you should never cross talk threads.

- Current Coin Mining

Here is where you can select GoByte or Donation. Note that if you went to your pools and removed all [ ] - Primary checkboxes, you will not see GoByte, you need at least one Primary coin

- Logs

Here is where we keep track of what's going on with your miner. If you see any errors it will show here, we try to resist any pop-ups of error messages as this is not good for you or us!

- Current Speed

If the application that you are using supports an API to tap into the minings speeds, we will show it here. This is displayed in KH/s. Once you stop mining, this will drop back to 0 KH/s

- Current GPU Power Draw

For our NVIDIA users, we have the ability to tap into the NVIDIA API (Nvidia-smi.exe) to gather stats on your cards. Power Draw plays a large part with profitability, so we do our best
For our AMD users, we try to guess the power usage. It's not 100% but we should be in the ballpark for users with the last few generations of cards.

As always, good luck mining
Special Thanks and Credit is due to:

CCMINER-KLAUST
HSRMINER
NSGMINER

Developed by :

AIOMiner Team

For

GoByte

Aiominer.com

Discord: https://discord.gg/e2vxSKZ