

INSTRUCTIONS FOR SETTING UP YOUR MINER

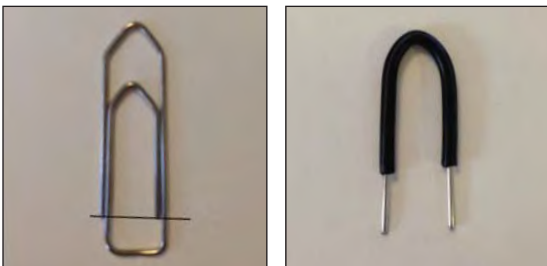
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INSTRUCTIONS FOR SETTING UP YOUR MINER

Power supply setup and ASIC + controller board configuration

01 Ensure your miner is not connected to the power supply. As power supplies are designed for machines with an on/off switch, you will need to *jump the power supply*.

02 Cut a paper clip and top it with electrical tape or a form of plastic electrical shielding.



03 Use the paper clip or 24pin ATX bridge to *connect pins 4 and 5* next to the clip on the top of the 24pin connector.



04 Connect the 4pin Molex to the controller board and Ethernet cable as displayed in the image below. **Note: The controller board should be placed on a Non-conductive surface.**



05 Connect the flat ribbon cables as shown below. Support the board underneath the slots when pressing the cables in, to stop the board from bending.



06 Connect the other end of the flat ribbon cable to the ASIC board as shown below. Ensure that the connector is correctly placed on all 10 pins.



07 Connect the 6 pin PCI-E power connector to the ASIC as shown below. Ensure that the plug is correctly seated and secure. Always use 1 PCI-E cable per ASIC board.



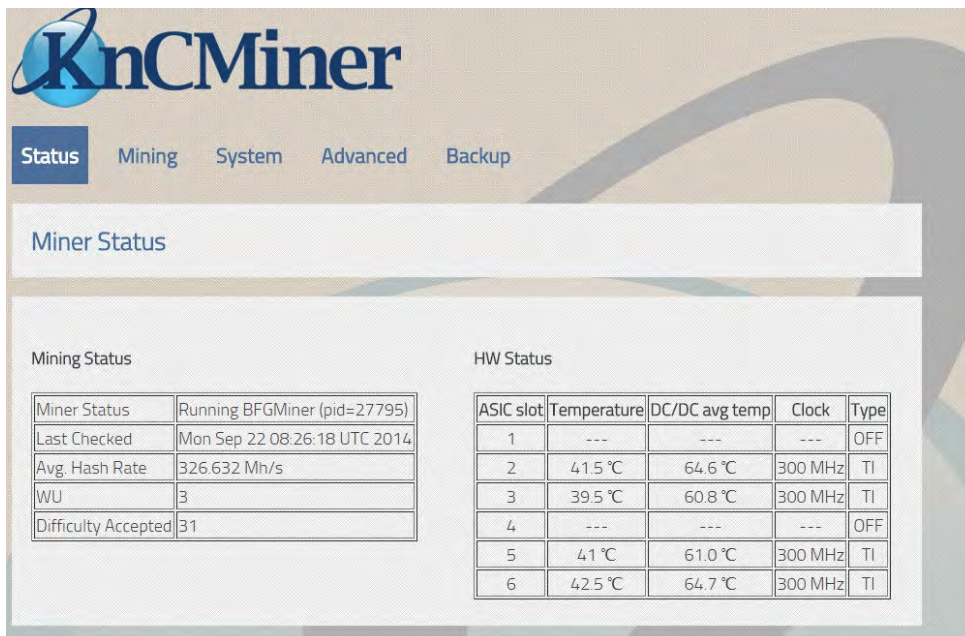
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FINDING THE IP ADDRESS OF YOUR MINER

As the miner is by default using DHCP, it will automatically be assigned an IP address when first connected to your network. The IP address will be displayed on the LCD screen on the controller board. Once the IP address has been identified, *enter this into your web browser* and *enter the user name 'admin' and password 'admin'*.

STATUS

This screen displays the current statistics of the miner including the average hash rate. You can also view the current temperature of each ASIC and their slot positions within the miner.



The screenshot shows the KnCMiner web interface. At the top left is the KnCMiner logo. Below it is a navigation menu with tabs: Status (selected), Mining, System, Advanced, and Backup. The main content area is titled "Miner Status" and is divided into two sections: "Mining Status" and "HW Status".

Mining Status

Miner Status	Running BFGMiner (pid=27795)
Last Checked	Mon Sep 22 08:26:18 UTC 2014
Avg. Hash Rate	326.632 Mh/s
WU	3
Difficulty Accepted	31

HW Status

ASIC slot	Temperature	DC/DC avg temp	Clock	Type
1	---	---	---	OFF
2	41.5 °C	64.6 °C	300 MHz	TI
3	39.5 °C	60.8 °C	300 MHz	TI
4	---	---	---	OFF
5	41 °C	61.0 °C	300 MHz	TI
6	42.5 °C	64.7 °C	300 MHz	TI

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MINING

This screen allows you to configure the miner's parameters.

Pool URL – In this field you should **enter the URL of your desired pool**.

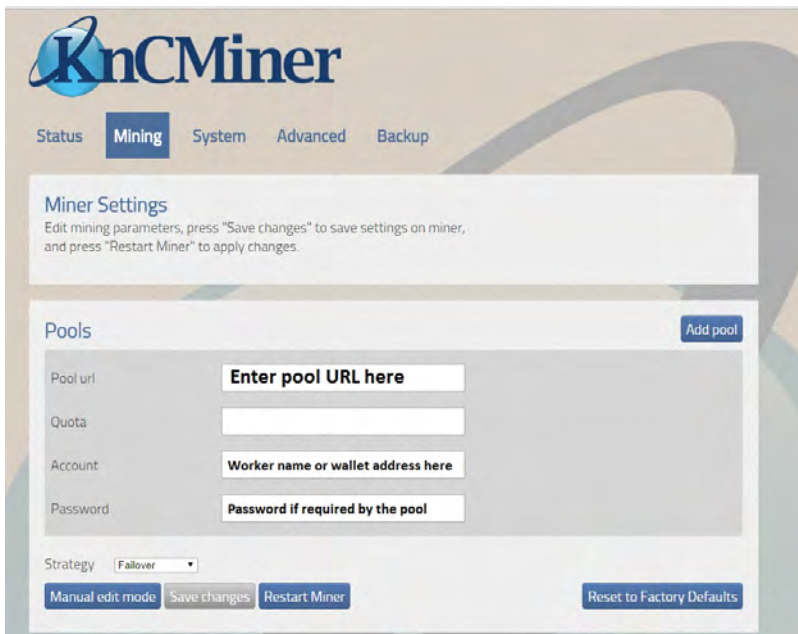
Account – This is your worker ID on the selected pool

Password – This is the password for your selected worker

You can add a secondary backup pool by simply clicking the 'Add Pool' button. The pool at the top of the list is always the primary pool.

After saving any changes you must then restart BFGMiner by clicking the "Restart Miner" button.

The 'Reset to Factory Defaults' button resets all pool configuration, network settings, services settings and security settings to that of which the miner was originally shipped with.



The screenshot shows the KnCMiner web interface. At the top left is the KnCMiner logo. Below it is a navigation menu with tabs for 'Status', 'Mining' (which is selected), 'System', 'Advanced', and 'Backup'. The main content area is titled 'Miner Settings' and contains the following elements:

- A sub-header 'Miner Settings' with a description: 'Edit mining parameters, press "Save changes" to save settings on miner, and press "Restart Miner" to apply changes.'
- A section titled 'Pools' with an 'Add pool' button in the top right corner.
- Four input fields for a pool configuration:
 - 'Pool url' with the placeholder text 'Enter pool URL here'
 - 'Quota' with an empty input field
 - 'Account' with the placeholder text 'Worker name or wallet address here'
 - 'Password' with the placeholder text 'Password if required by the pool'
- A 'Strategy' dropdown menu currently set to 'Failover'.
- Four action buttons at the bottom: 'Manual edit mode', 'Save changes', 'Restart Miner', and 'Reset to Factory Defaults'.

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System

This screen allows you to change the login user name and password for accessing the miner. You can also reset the factory settings on this page by clicking the button at the bottom.



The screenshot shows the KnCMiner web management interface. At the top, there is a navigation menu with tabs for 'Status', 'Mining', 'System' (which is selected), 'Advanced', and 'Backup'. Below the navigation is the 'System Settings' section, which includes the instruction 'Change password used to login to the web management system.' The form contains four input fields: 'Current Password' (with 'Current Password' as a placeholder), 'Login' (with 'admin' as a placeholder), 'New Password' (with 'New Password' as a placeholder), and 'Re-enter New Password' (with 'Re-enter New Password' as a placeholder). An 'Apply' button is located below the input fields. At the bottom of the form, there is a warning 'Reset to factory settings: Handle with care.' and a 'Reset to factory settings' button.

HARD RESET

The miner is equipped with a hard reset button. This is located next to the power input on the controller board. To perform a hard reset on the miner you must ***press the button 5 times consecutively, wait 5 seconds, and then press the button a further 5 times.*** Please note that the miner will not restart.