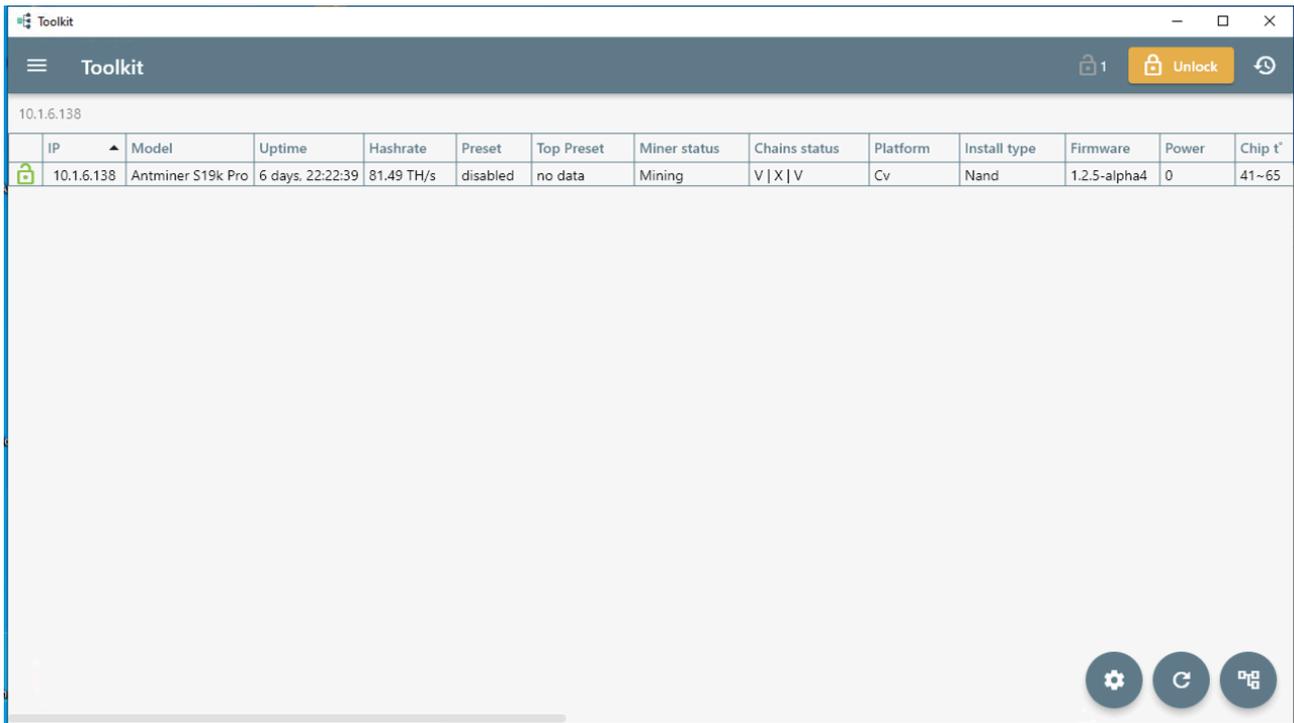


Step 1: Download Toolkit and Install

- Download the Toolkit from the provided source.
- Ensure that Visual C++ is installed on your system. If not, install it from [this link](#).
- Unpack the archive and run install_all.bat as administrator.
-

Step 2: Launch Toolkik

- Once Toolkit is installed, open it and click on the network symbol in the bottom right corner.



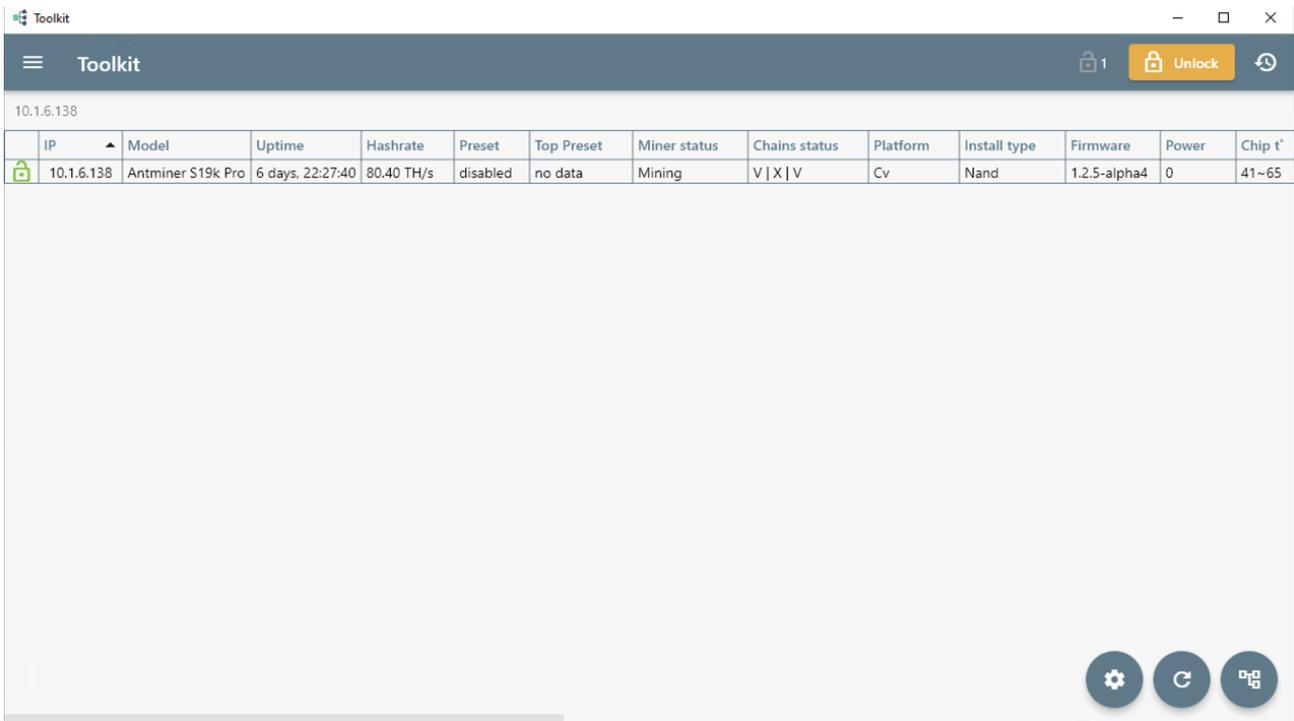
Step 3: Set IP Range

- Enter the range of IP addresses you want to work with and click 'Scan'.



Step 4: Unlock Miner

- Click the 'Unlock' button in the top right corner. You will see the miner unlock the padlock icon on the left-hand side.

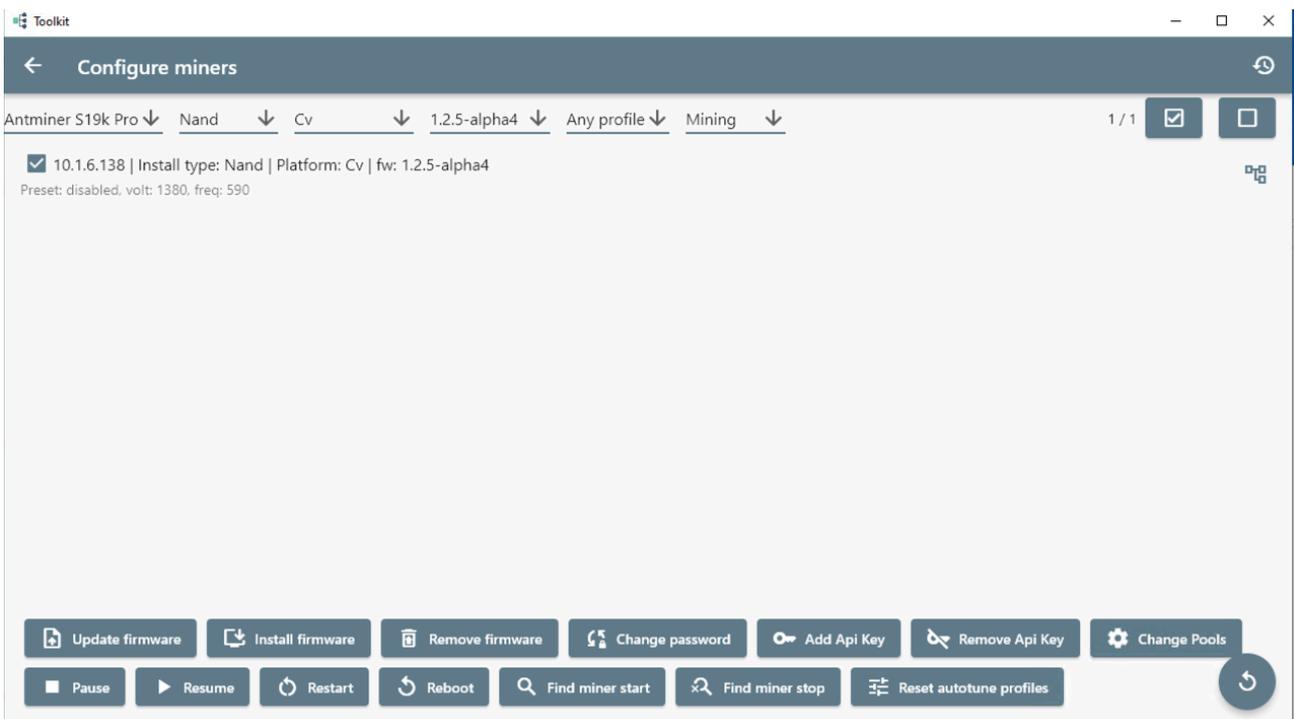


The screenshot shows the Toolkit interface. At the top right, there is a padlock icon and an orange 'Unlock' button. Below the header, a table displays the status of a miner. The table has the following columns: IP, Model, Uptime, Hashrate, Preset, Top Preset, Miner status, Chains status, Platform, Install type, Firmware, Power, and Chip t'. The data row shows: IP: 10.1.6.138, Model: Antminer S19k Pro, Uptime: 6 days, 22:27:40, Hashrate: 80.40 TH/s, Preset: disabled, Top Preset: no data, Miner status: Mining, Chains status: V | X | V, Platform: Cv, Install type: Nand, Firmware: 1.2.5-alpha4, Power: 0, and Chip t': 41~65. At the bottom right, there are three circular icons: a gear (Settings), a refresh symbol, and a padlock icon.

IP	Model	Uptime	Hashrate	Preset	Top Preset	Miner status	Chains status	Platform	Install type	Firmware	Power	Chip t'
10.1.6.138	Antminer S19k Pro	6 days, 22:27:40	80.40 TH/s	disabled	no data	Mining	V X V	Cv	Nand	1.2.5-alpha4	0	41~65

Step 5: Configure Miners

- Click on the 'Configure Miners' button, which is the third button from the bottom right corner.



The screenshot shows the 'Configure miners' interface. At the top, there is a back arrow and the title 'Configure miners'. Below the header, there are several dropdown menus: 'Antminer S19k Pro', 'Nand', 'Cv', '1.2.5-alpha4', 'Any profile', and 'Mining'. To the right of these dropdowns, there is a '1/1' indicator, a checkmark icon, and a square icon. Below the dropdowns, there is a checked checkbox next to the text '10.1.6.138 | Install type: Nand | Platform: Cv | fw: 1.2.5-alpha4'. Below this text, there is a smaller line of text: 'Preset: disabled, volt: 1380, freq: 590'. At the bottom of the interface, there is a row of buttons: 'Update firmware', 'Install firmware', 'Remove firmware', 'Change password', 'Add Api Key', 'Remove Api Key', and 'Change Pools'. Below this row, there is another row of buttons: 'Pause', 'Resume', 'Restart', 'Reboot', 'Find miner start', 'Find miner stop', and 'Reset autotune profiles'. At the bottom right corner, there is a circular refresh icon.

Step 6: Install Firmware

- Click on 'Install firmware'.



The screenshot shows a web application window titled "Toolkit" with a sub-header "Install firmware". The interface includes a "Firmwares directory: not selected" label with a "Select" button. On the right, it says "Install firmware on: 10.1.6.138". There are four input fields: "Firmware name", "Firmware version", "Number of threads" (with the value "3"), and "SSH port" (with the value "22"). Below these is a "Miner model" dropdown menu currently set to "Detect automatically". At the bottom left, there is a green "Install firmware" button with a refresh icon.

Step 7: Select Firmware Folder

- Select the folder where the firmware (alphaminer) has been downloaded.

Step 8: Enter Firmware Details

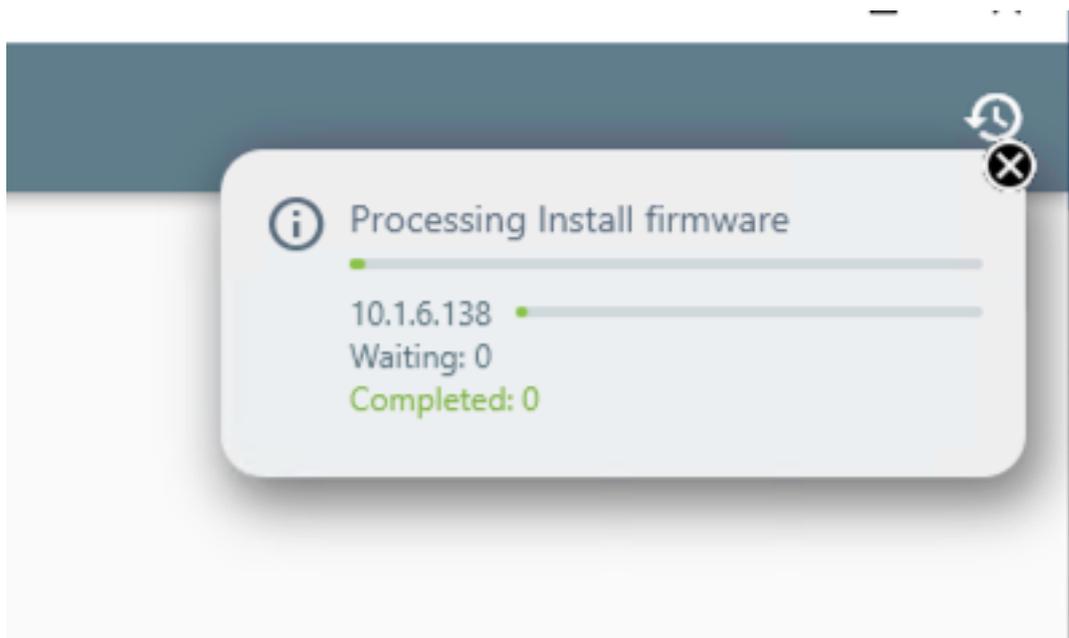
- For 'Firmware name', enter: alphaminer.
- For 'Firmware version', input the version you have downloaded, in this example, '1.2.5-alpha4'.

Step 9: Miner Settings

- Leave 'Number of threads' and 'SSH Port' as they are.

Step 10: Select Miner Model

- Choose the correct miner model from the list and click 'Install firmware'. Wait for the 'Processing Install firmware' box to complete.



Step 11: Miner Restart

- Wait for the miner to restart, and it will be running with the alphaminer firmware.