JABITAXE MINERS

How to Setup NerdQaxe++

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1. NerdQaxe++ Safety Guidelines

1.1 General Handling

- Miner must be operated in a well-ventilated area that is dry to avoid moisture damage.
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- Use a lot of care and be gentle when installing or removing the LCD Screen / Miner Controller.
- Miner must be operated in a well-ventilated area that is dry to avoid moisture damage.
- If electrical burning smell, Smoke or Fire occurs, immediately unplug the device and avoid using water to extinguish electrical fires instead follow your local electrical fire regulations to extinguish any electrical fire.
- Keep the Miner away and out of reach of pets and children.
- Any personal modification to the miner from the original NerdQaxe miner provided by Jabitaxe voids the warranty.

1.2 Power supply handling & Normal voltage drops

- **We recommend using the provided power supply on the miner**: Using any PSU might damage the Miner or cause hazardous conditions. The supplied PSU has been tested and meets the operating parameters of the Miner
- **Users must check the Output Voltage from the PSU to the Miner**: The recommended output voltage for NerdQaxe++ Rev 6.2 and all other Variants that require at least 12V output is **12.4 ~ 12.58 V (Max).** This is required to compensate for the normal voltage drops in any PSU. Please adjust PSU voltage accordingly while making sure the miner is not plugged in while performing any adjustments to the PSU output voltage.

  NOTE: The Voltage Input on the Miner Display will show a voltage of 12.000 ~ 12.300 V (12000 ~ 12250 mV) depending on the voltage drop.

- **Do not use any third-party power supply not recommended or supplied by us on the miner as it might cause**:
  - Electrical fires or damage to the miner
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1.3 Heat Management

Average Operating temperatures: Asics: **48C ~ 70C** , Voltage Regulator (VR) : **48C ~ 85C**

Overheat temp range Thresholds: **50C ~ 90C,** Default = **70C**

Under Voltage Threshold: **11.00V**

Over Voltage Threshold: **13.00V**

NerdQaxe++ Rev 6.2 has the overload settings that allow the device to automatically control Overheat mode to avoid any damage to the miner

1.4 Network Connection

- Use secured Wi-Fi network connections. Don’t broadcast your WiFi network SSID Name to the public. We recommend using a strong password on your WiFi network

2. Step-by-Step NerdQaxe++ Setup

2.1 Powering on Your Device

Use the provided power supply to plug in your NerdQaxe++. Ensure the power source is stable.

2.2 Identifying the Device’s Wi-Fi Signal

Once powered, you device will emit a Wi-Fi signal (SSID). Use a phone, laptop, or desktop to scan for this signal. (**Ex. Nerdaxe_78B1**)

2.3 Locating Your NerdQaxe++

Search for the device’s SSID in your mobile phone, laptop, or desktop’s Wi-Fi settings. The SSID displayed on the screen should match the one in the settings. Connect to this SSID.

- *NOTE: When selecting your device’s SSID, **do not select “Connect Automatically”** if you’re using a desktop or laptop device. Doing so may cause future issues with your devices Wi-Fi connection.

2.4 Accessing the NerdQaxe++ Operating System

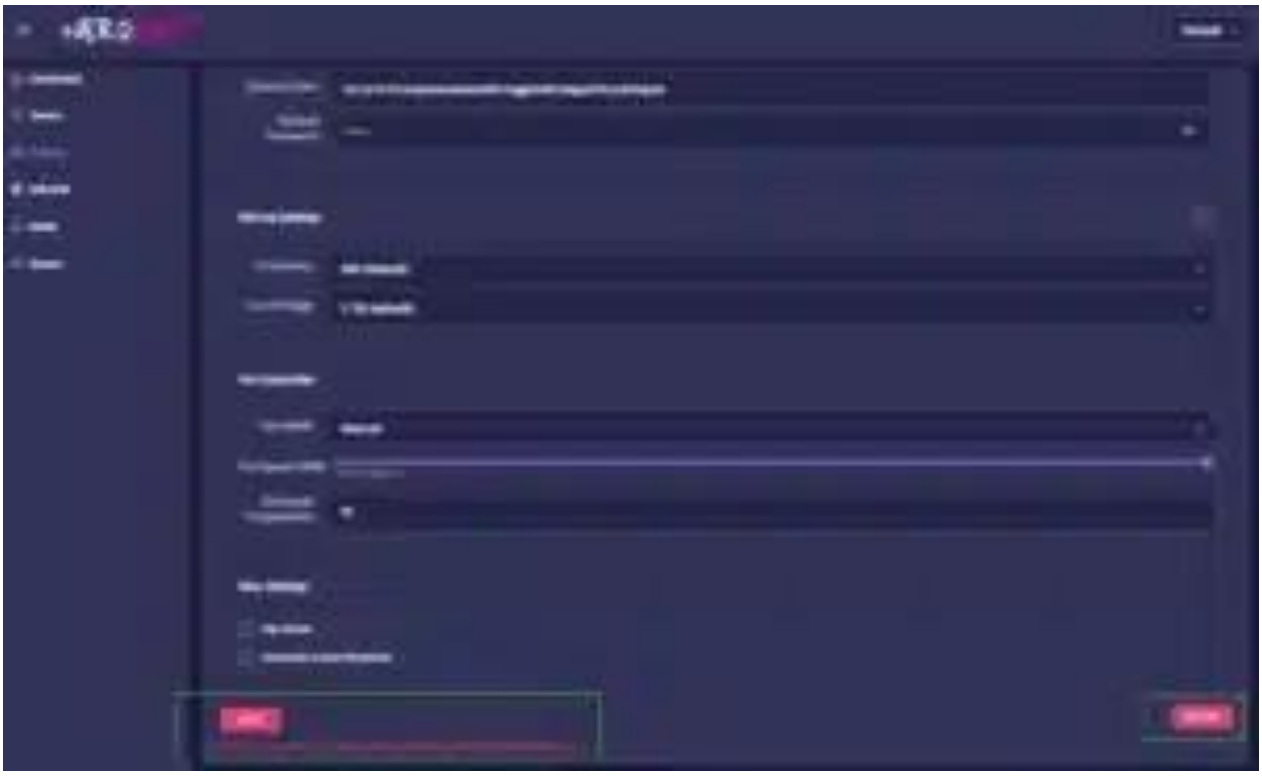
Upon selecting your device's SSID, a setup window should appear. If not, enter the default IP address `192.168.4.1` in your browser.

- *NOTE: **If you have an ASUS router, you must go into your router's settings and turn AI Protection off.** AI Protection will block your device from connecting to Wi-Fi.

2.5 Configuring Wi-Fi Settings

1. Navigate to the settings tab on the left side of the
2. Select the correct Wi-Fi network.
3. Put in your Wi-Fi networks password (Capital letters and numbers matter).
4. Select **“Save”** to save your Wi-Fi credentials**.**
5. Select “**Restart”** to reboot your device.

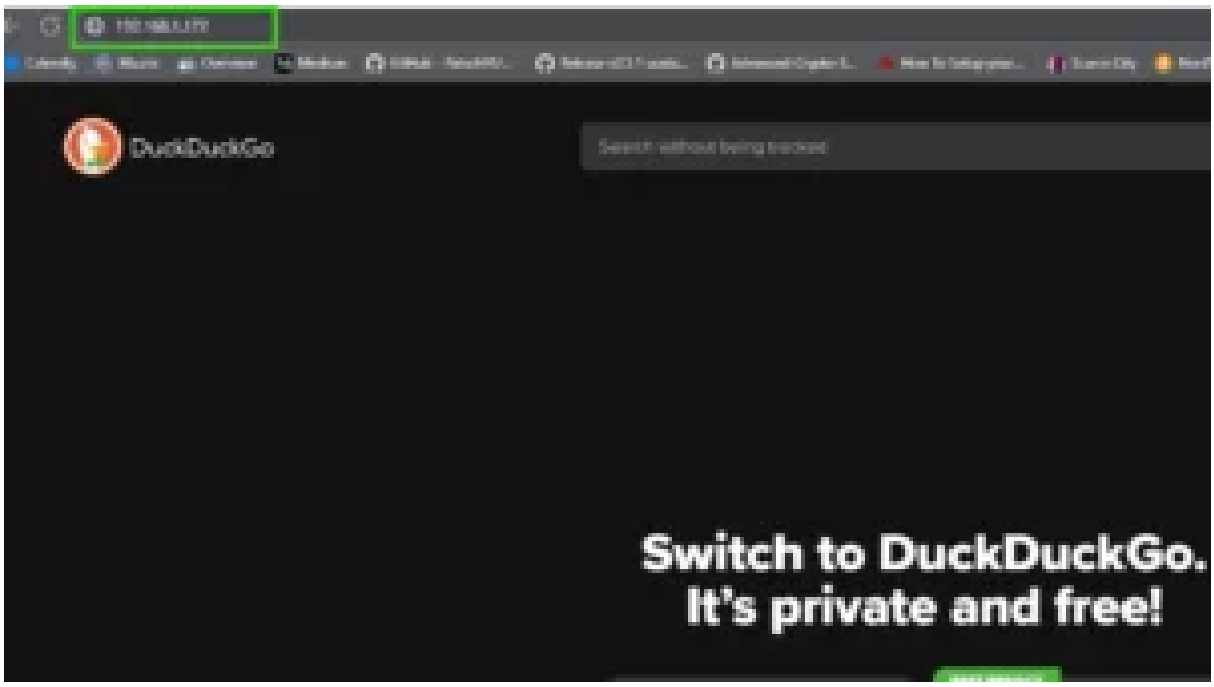
*NOTE: If you enter your Wi-Fi credentials incorrectly, your device will not connect to your Wi-Fi network or display “**No AP Found”**. Ensure the correct letters are capitalized/lowercase, all numbers/special characters are in their correct spot, and any spaces are accurately inserted.



2.6 Accessing AxeOS via IP Address

Once connected to your home Wi-Fi, the Nerdaxe will display an IP address. Use this IP address to access AxeOS in your browser. Ensure your computer or phone is connected to the same Wi-Fi network.

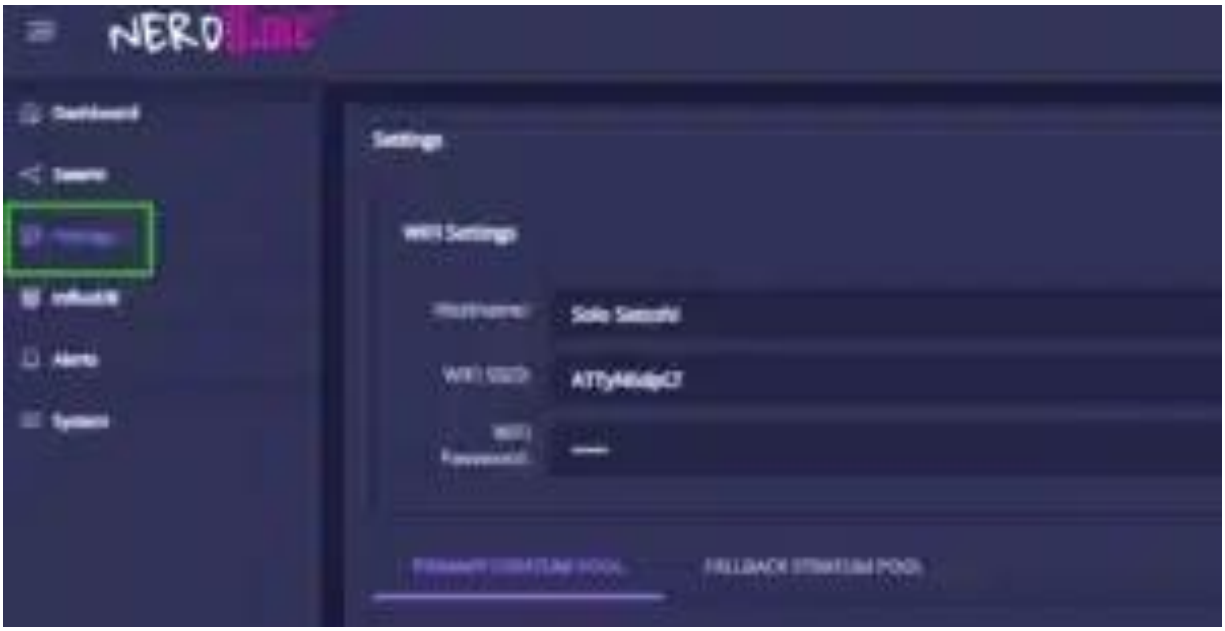
*NOTE: **The Wi-Fi chip used on all Nerdaxe devices can only connect to a 2.4Ghz Wi-Fi signal**. Most modern routers will emit both 5.0Ghz and 2.4Ghz signals.



2.7 Connecting a Bitcoin Wallet to your NerQaxe++

1. Navigate to the "**Settings"** tab in AxeOS.
2. Enter your valid on-chain Bitcoin wallet address in the "**Stratum User"** and "**Fallback Stratum User"** fields.
3. Click **Save** and **Restart** to apply new wallet configuration.

*NOTE: If you do not enter a valid on-chain Bitcoin receiving address, your device will not work correctly. **Lightning addresses cannot be used in these fields.**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Settings
WiFi Settings
Solo Satoshi


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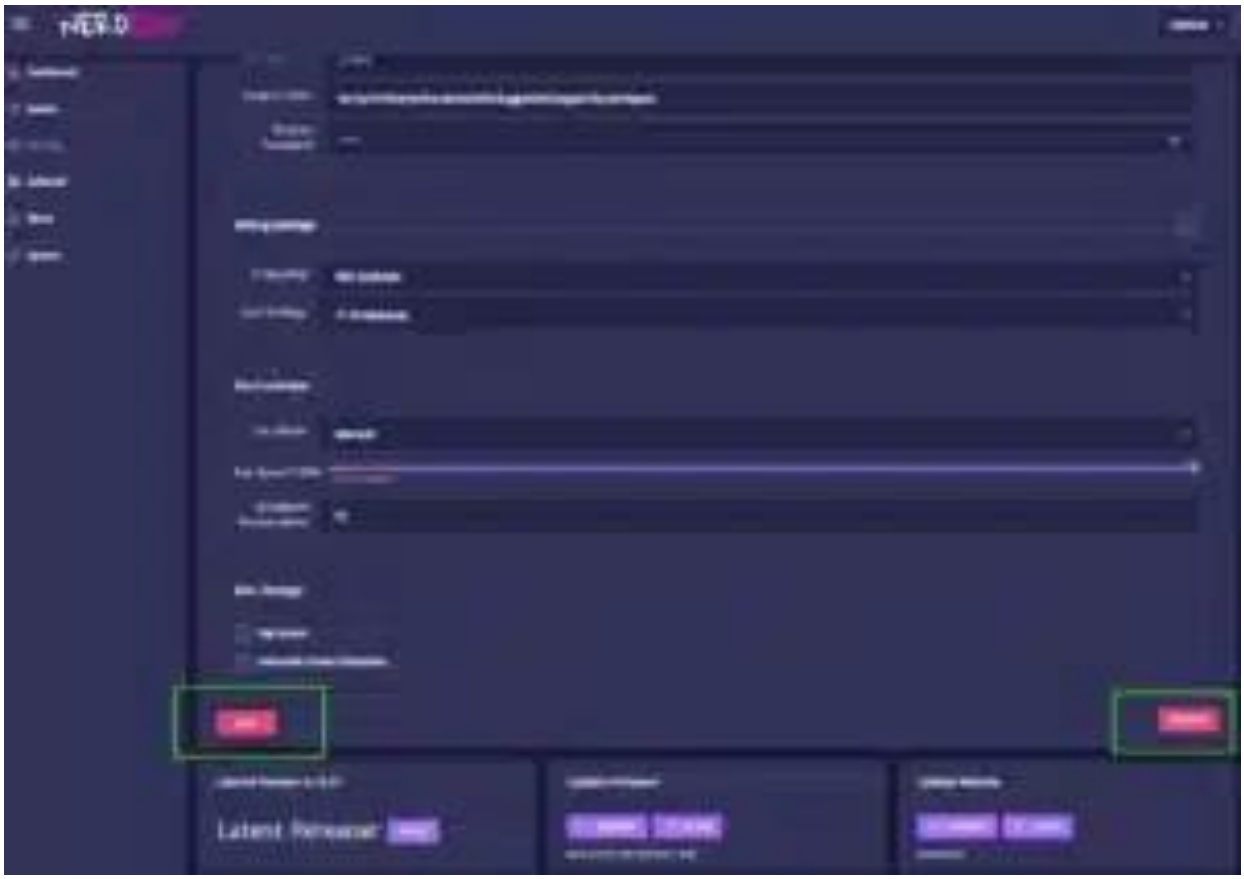

3. Final Steps and Additional Information

3.1 Final Remarks and Congratulations

Your Nerdaxe is now operational. You can monitor its performance, including hash rate and submitted shares, via AxeOS by selecting the dashboard tab.