HOW TO SETUP BITAXE GAMMA CORRECTLY

This guide walks you through each step to get your mining rig up and running quickly and effectively. The Bitaxe Gamma unit comes installed with the latest Factory firmware

Step 1: Attaching the Screen

- Your Bitaxe Gamma includes a detachable screen to protect it during transit. Attach the screen to the unit using the fixtures provided.

Step 2: Power Connection

- Connect the 5V power cable to a suitable wall outlet. The Bitaxe Gamma is compatible with global voltage standards.

- Attach the other end of the power cable to your miner.

Step 3: Initial Boot-Up

- Power on your device and wait for the default factory screen to display "Bitaxe_XXXX," indicating it is ready for setup. You will notice your display scrolling with the following text:

 *Welcome to your new Bitaxe! Connect to the configuration Wi-Fi and connect the Bitaxe to your network*

  Wi-Fi (For setup)

  Bitaxe_XXXX

Step 4: Wi-Fi Connection

- Use your smartphone or computer to locate and connect to the "**Bitaxe_XXXX**" Wi-Fi network. Select '**YES**' if asked to continue without internet access.

- **Note:** This is the built-in Bitaxe Setup Wi-Fi network that allows you to setup Bitaxe on your actual home Wi-Fi

- If the setup page doesn't automatically appear, open a browser and go to msftconnecttest.com.

- Under the 'Settings' in AxeOS, enter your home Wi-Fi details:

    o Wi-Fi ID: Your 2.4G Wi-Fi SSID

    o Wi-Fi Password: Make sure it's correct to avoid issues.

- **Save your Actual Home Wi-Fi settings and then click Restart in AXEOS**
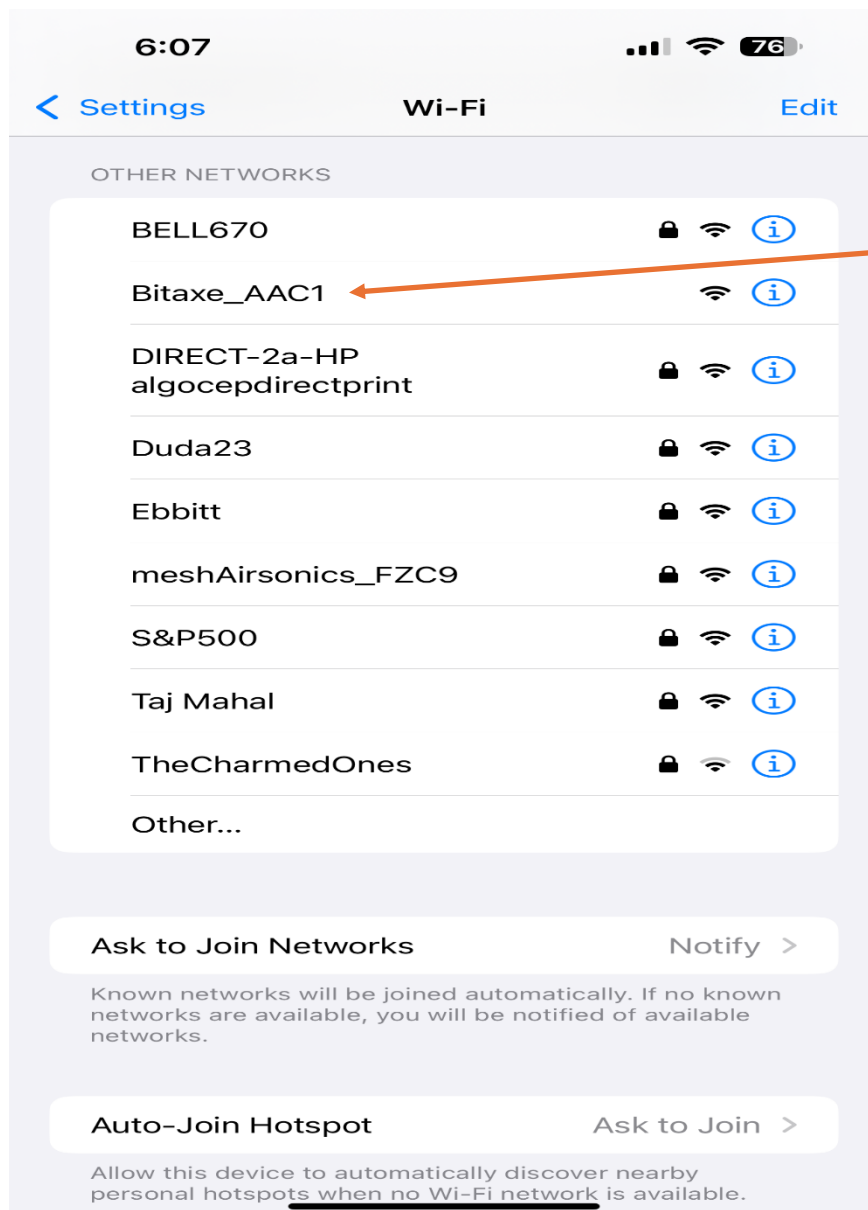
Bitaxe_XXXX Setup Network

6:08

< Settings   Edit

Wi-Fi

Connect to Wi-Fi, view available networks, and manage settings for joining networks and nearby hotspots. Learn more...

Wi-Fi	🟢
✓ **Bitaxe_AAC1** Unsecured Network	📶 ⓘ

MY NETWORKS

ABHome24	🔒 📶 ⓘ
ABHome5	🔒 📶 ⓘ

OTHER NETWORKS ⟳

BELL670	🔒 📶 ⓘ
BELL935	🔒 📶 ⓘ
DIRECT-2a-HP algocepdirectprint	🔒 📶 ⓘ
Duda23	🔒 📶 ⓘ
Ebbitt	🔒 📶 ⓘ
meshAirsonics_FZC0‾‾‾‾‾‾	🔒 📶 ⓘ

Bitaxe_XXXX Setup Network connected

captive.apple.com
Bitaxe_AAC1

Captive Wi-Fi   Cancel

‹   ›
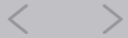
Axeos

Network Configuration

Hostname:

bitaxe

Wi-Fi SSID:

🔍

Wi-Fi Password:

•••••

Save   Restart

The Wi-Fi network "Bitaxe_AAC1" is not connected to the Internet.

Use Without Internet

Use Other Network

Cancel

Select " Use without Internet " if asked after entering your 2.4 GHz Home Wi-Fi SSID and Password

6:12

📶 5G+ 76

captive.apple.com
Bitaxe_AAC1

< >   **Captive Wi-Fi**   Cancel

Axeos

Network Configuration

Hostname:

bitaxe

Wi-Fi SSID:

Enter-your-Home-Wifi-SSID   🔍

Wi-Fi Password:

Enter-your-Home-Wifi-Password   👁️‍🗨️

Save   Restart

Enter your 2.4 GHz Home Wi-Fi SSID and Password as required and also your Hostname if you want a different miner hostname.

- **Click Save**
- **Then Click Restart**

Miner hashing
away after restart

Step 5: Customizing Your Miner with your own settings

- By default, the firmware factory configuration **<u>does not</u>** contain your mining Pool settings and bitcoin address. You must modify these settings with your own pool settings and bitcoin address.

- Connect to the AxeOS using your browser by looking at the IP address shown on the display of your Miner. It is in the format X.X.X.X

- Open your browser http://X.X.X.X

  If the IP Address shown is e.g. 10.0.0.188

  You would type in your browser: http://10.0.0.188

  NOTE: its **http** NOT **https**

- Go to Pool Settings.

- You will notice some default configurations that you need to change so that it can mine to your bitcoin address using the pool that you want.

- Enter both the Main pool and Fallback pool stratum settings including your bitcoin address and then Click Save.

- Then Click Restart and you are done. It will restart and start mining

Step 6: Before overclocking,

NOTE:

- **I recommend changing your fan control from automatic control to 100% under settings in AxeOS before any over clocking attempts.**
- **Overclocking the miner beyond the standard settings comes with high risk of damaging the miner. Please overclock at your own risk.**

Here is a simple sample of what you might need for a long lasting over Clock for your Bitaxe Gammas (we use the same in our OC lab)

(1) Mean Well LRS-350-5 Power Supply (Can handle up to 7 Over Clocked Bitaxe Gammas)

(2) 1 x 90 Degree DC Power Pigtails Cable, Right Angle DC 5.5mm x 2.1mm Male Plug (1 for each Bitaxe Gamma)

(3) 1 x Normal C13 Computer Power cable that you can cut one end and wire the LRS-350-5 PSU to the normal 120V AC outlet (Select the correct length 6 feet or 10 feet)

(4) 5 end-connectors for the cables going to PSU (3 from C13 power cable, 2 from each Bitaxe Gamma Power cable) -- we usually just buy a kit of various end terminals (much cheaper)

You will need a crimper (to crimp the terminals to the cables) if you don't have any

Links for amazon.ca below here:

(1) https://www.amazon.ca/MeanWell-LRS-350-5-Power-Supply-300W/dp/B077BP1F4Z

(2) https://www.amazon.ca/GINTOOYUN-Degree-Pigtails-Replacement-Monitors/dp/B0B6HT23WK

(3) https://www.amazon.ca/Amazon-Basics-Computer-Monitor-Replacement/dp/B072BYGKZZ

(4) https://www.amazon.ca/Qibaok-Connectors-Insulated-Electrical-Terminals/dp/B0869FSG86

Upgrading the Firmware

- DO NOT UPDATE THE FIRMWARE AT THIS TIME - IT Will BREAK The Unit. You can do this later if there is an upgrade available. Thank you!