

# LuxOS Quick Deployment Guide

1

## Download the LuxOS Commander

- Download Link: [LuxOS Commander](#)
- Deployment Video (1 minute): [Watch Video](#)
- Miner Optimization Video (2 minutes): [Watch video](#)
- Compatibility Guide: [Link here](#)

2

## Access Device by IP Address

- Open Commander
- Select Configure Networks (Top right corner)
- Input IP range or individual IP addresses of desired miners.
- Press 'add'
- Select IP address or range you wish to scan
- Press save changes
- Press 'Scan Network'

IP Range ↑	Network Type ↓	IP Range Name ↓	Total IPs ↓	Selected for scan ↓	Remove / Edit
10.0.0.26	IP		1	<input type="checkbox"/>	
10.2.0.111	IP		1	<input type="checkbox"/>	
10.68.68.33	IP	TRE	1	<input type="checkbox"/>	
10.68.68.34	IP	TRE	1	<input type="checkbox"/>	
10.206.0.0-10.206.6.255	IPRANGE	BL	1792	<input checked="" type="checkbox"/>	

IP / Range / CIDR  IP Range Name

3

## Select Your Miner

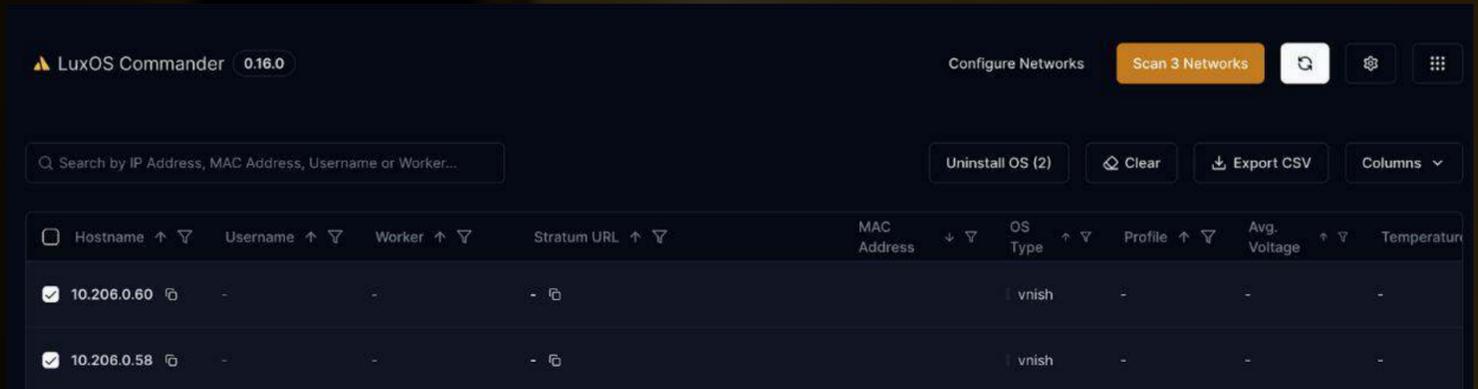
- In the dashboard, select the miners you wish to install LuxOs on.

LuxOS Commander 0.16.0 Configure Networks Scan 3 Networks

Search by IP Address, MAC Address, Username or Worker... Install LuxOS (3) Clear Export CSV Columns

Hostname ↑	Username ↑	Worker ↑	Stratum URL ↑	MAC Address ↑	OS Type ↓	Profile ↑	Avg. Voltage ↑	Temperature ↑
<input checked="" type="checkbox"/> 10.206.0.95	vinanzblocklab	10x206x0x95	stratum+tcp://btc.global.luxor.tech:700	02:EC:D9:2C:4D:BA	Bitmain	-	-	63 °C
<input checked="" type="checkbox"/> 10.206.0.125	lux_phx_0	202x0x64	stratum+tcp://btc.global.luxor.tech:700	02:3D:51:98:D4:DF	Bitmain	-	-	50 °C
<input checked="" type="checkbox"/> 10.206.0.140	lux_phx_chris	202x0x114	stratum+tcp://btc.global.luxor.tech:700	02:2D:B9:66:57:87	Bitmain	-	-	52 °C

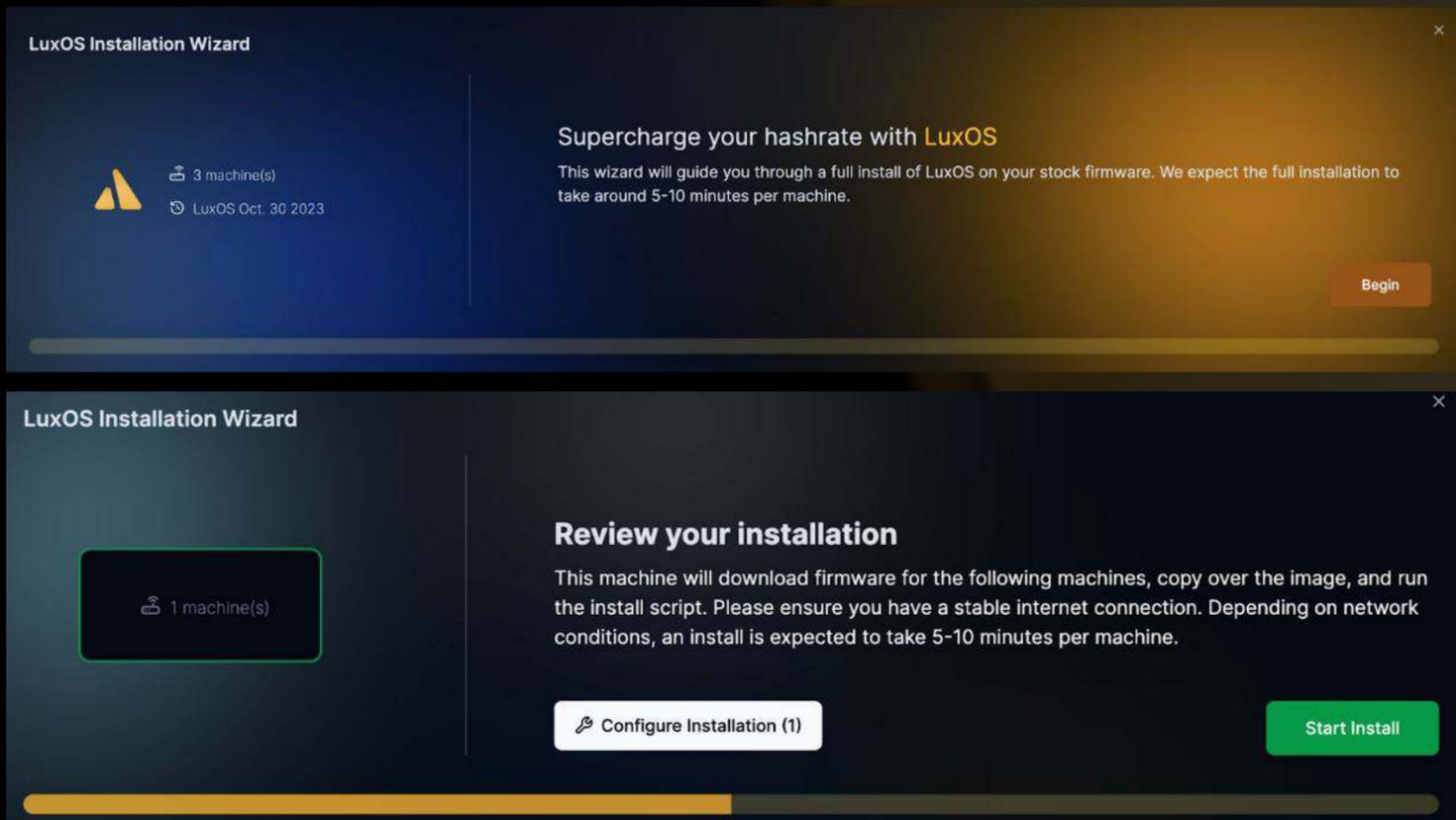
- Note\* if you have another third party firmware installed you are able to uninstall via commander as well.



4

## Install LuxOS

- After selecting the miner, click the "Install LuxOS" button.

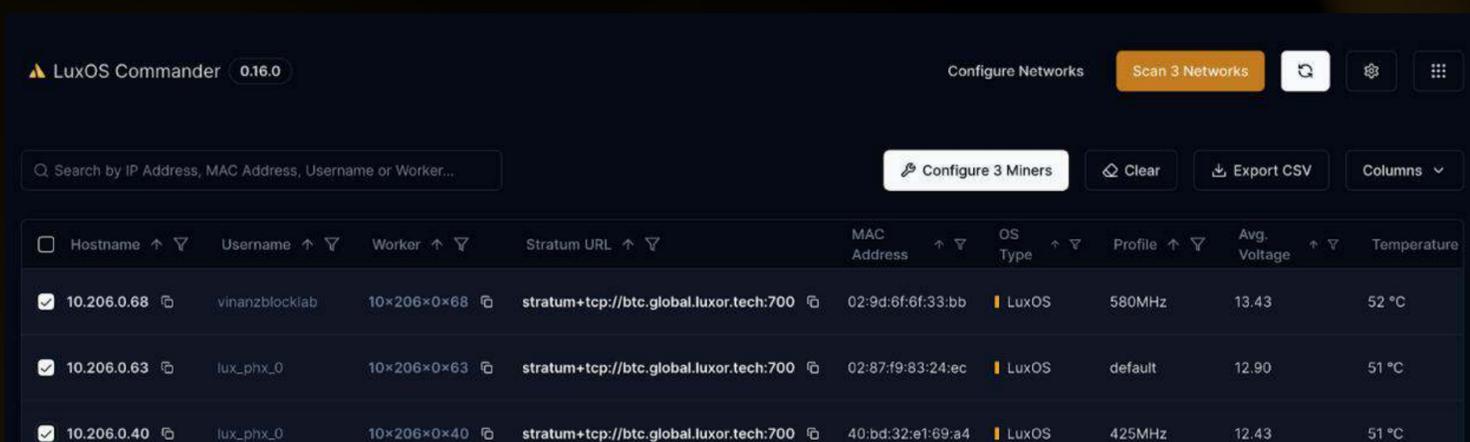


- Before installation, you have the option to "Configure Installation", which allows you to enable features like Autotuner and Advanced Thermal Management (ATM). These can also be configured after installation.
- Wait for the installation process to complete, which may take a few minutes.
- Note\* You can decide how many parallel machines to install at one time by using the settings (top right) within Commander. Default is 10 machines at a time.

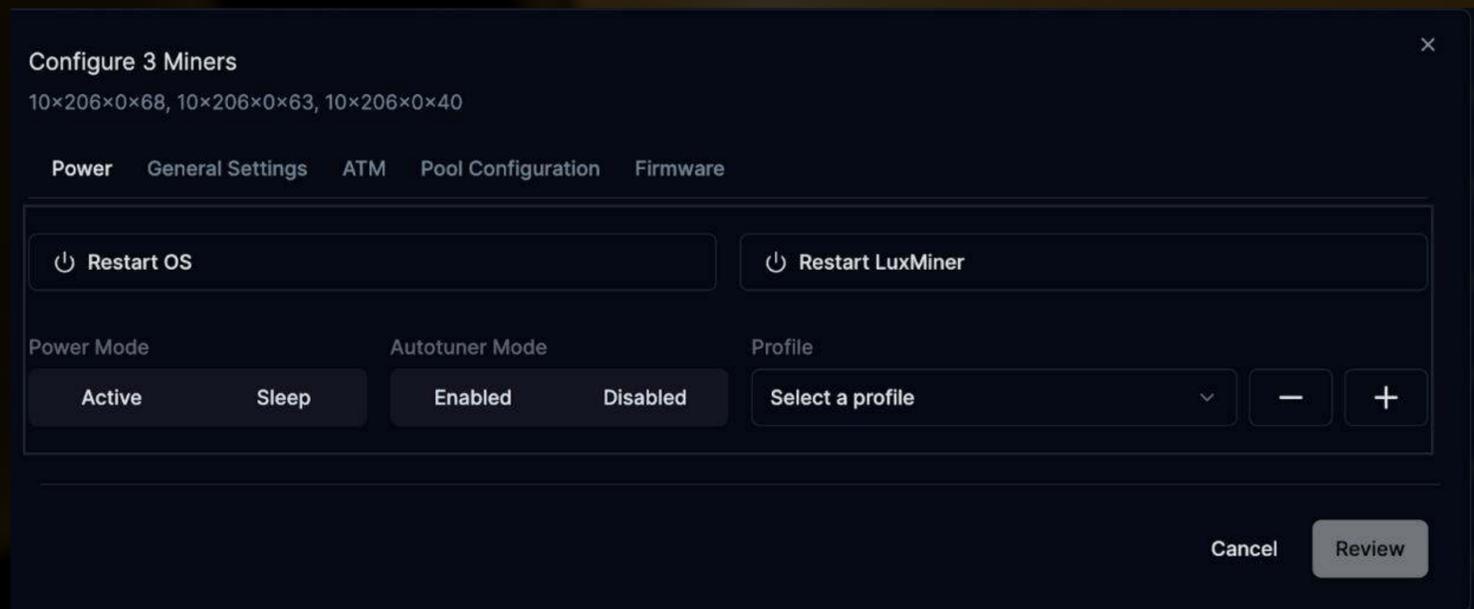
5

## Enable Auto-Tuner

- Select the miners you want to configure. Once selected, press the "Configure Miners" button.



- Under “Power” navigate to “Autotuner Mode” and select “Enable”
- Press “Review” then “Apply”
- Autotuner will find the lowest possible power consumption to maintain a desired frequency (hashrate)



## 6

### Use Advanced Thermal Management

- Go back to that same configuration menu but this time navigate to “ATM” which stands for “Advanced Thermal Management”



- Select the “Max Profile” you would like your miner to attempt to push to. It will only push to this level if it is able to do so while remaining below the designated “hot board temperature” which can be set under “general settings”. We recommend the default to avoid damaging your miners.
- ATM will find the highest possible profile to run (up to the max profile) while maintaining a safe temperature
- Leaving min profile undefined will allow your machine to underclock itself as much as necessary to get to a safe temperature.
- Can visit [Recommended Settings](#) documentation page for ATM setting suggestions