

Giant X10 Quick Setup Guide

- Specification

Algorithm	Hash Rate	Power(at the wall, with 25°C ambient temp)
X11	10GH/s \pm 5%	630W
Quark	10GH/s \pm 5%	360W
Qubit	10GH/s \pm 5%	390W
Myriad-Groestl	10GH/s \pm 5%	150W
Skein	5GH/s \pm 5%	120W

Note:

* Not support X13, X14, X15

* Soon can add 2 new algorithms by updating(7 algorithms supported)

- PSU

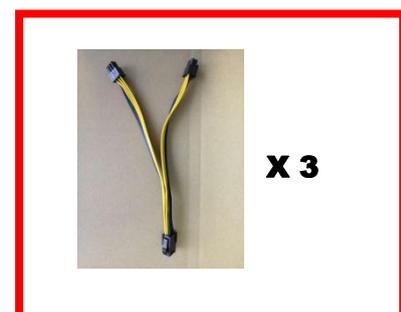
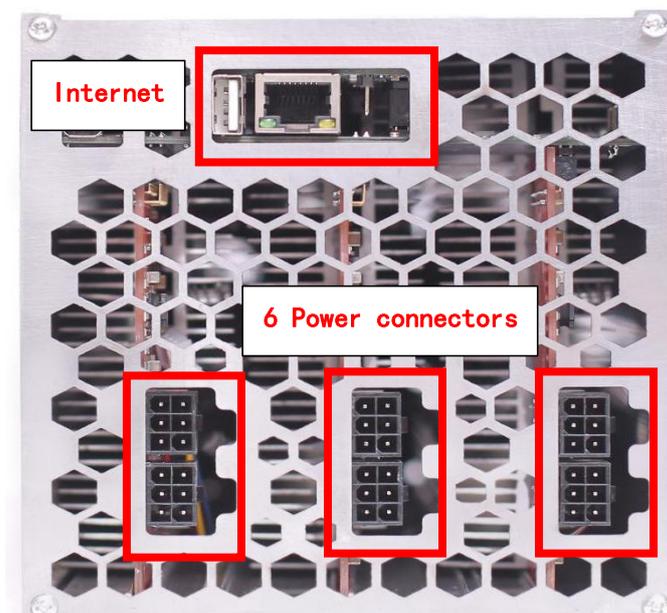
We recommend 850watt PSU or higher for making sure a sufficient output. (but like if you only intend to use Skein, then you can buy a lower PSU.)

Note that each miner can only be powered by one single PSU. (it is okay to use 1 big PSU for 2 miners)

- Installation

You only have to prepare 1 * internet cable, 6 * 12V 6Pin connector .

Take into consideration some PSU may don't have such this connectors, we will send 3 extra connector switcher.



- Inner web setup guide

Just like our previous miner. After setted up the network and PSU. Then turn it on, Blue light shall start blinking for a while and will turn to on solid. Next you have to find its IP address (from your router or by using baikal ip scanner) and input to browser to access to this page.



Small letter “baikal” as password, and click right arrow to log in

miner [10.16 Gh] [3 dev] Miner Settings Backup Terminal

Graphs Static - Live - Refresh - More - Reset

Last Hour

Last Day

Devices

Name	ID	Algo	Temp	Total Chips	Clock	Hashrate 5s	Hashrate av	Accepted	Rejected	HW Errors	Utility	Last Share Time	Identify
BKLU	0	MGroestl	21 °C	64	420MHz	3.387 Gh/s	3.390 Gh/s	535	0 [0.00%]	0 [0.00%]	10.4433	12:27:03	✓
BKLU	1	MGroestl	21 °C	64	420MHz	3.387 Gh/s	3.390 Gh/s	542	0 [0.00%]	0 [0.00%]	10.5799	12:26:30	✓
BKLU	2	MGroestl	21 °C	64	420MHz	3.387 Gh/s	3.390 Gh/s	514	0 [0.00%]	0 [0.00%]	10.0333	12:27:07	✓
Totals				3 devs	10.16 Gh/s	10.17 Gh/s	1591	0 [0.00%]	0 [0.00%]	31.0565			

Pools

URL	User	Status	Active	Pr	GW	Acc	Rej	Disc	Last	Diff1	DAcc	DRej	DLast	Best	SWITCH TO
stratum+tcp://192.168.0.177	summm	Alive	True	0	224	1691	0	1989	12-27-07	7281 737493	7152 47691258 [98.22%]	0 [0.00%]	16	2796.651477	...

Select “miner” tag from top to set your mining pool

Settings Backup Terminal

Available pools

Dash Pools

- Dash P2P
- Supernova
- Coinmine

Multi Pools

- NiceHash
- MiningPoolHub
- ZPool

Pools

URL	Algo	User	Pass	Extranonce	Priority
stratum+tcp://118.184.180.43:7903	x11	XpoDRqoJctfbXTicx	x	<input type="checkbox"/> Yes	0 x
stratum+tcp://192.168.0.177	x11	XpoDRqoJctfbXTicx	111	<input type="checkbox"/> Yes	1 x
stratum+tcp://dash01.p2poolmining.us:790	x11	XpoDRqoJctfbXTicx	x	<input type="checkbox"/> Yes	2 x
stratum+tcp://177.249.213.25:7903	x11	XpoDRqoJctfbXTicx	x	<input type="checkbox"/> Yes	3 x
stratum+tcp://dash.coinmine.pl:6099	x11	angel.1	x	<input type="checkbox"/> Yes	4 x
stratum+tcp://dash.suprnova.cc:9995	x11	angel.1	x	<input type="checkbox"/> Yes	5 x
stratum+tcp://quark.eu.nicehash.com:3345	quark	1GwxxKDozbCcmgS	x	<input checked="" type="checkbox"/> Yes	6 x
stratum+tcp://quark.mine.zpool.ca:4033	quark	1GwxxKDozbCcmgS	x	<input checked="" type="checkbox"/> Yes	7 x
stratum+tcp://qubit.eu.nicehash.com:3344	qubit	1GwxxKDozbCcmgS	x	<input checked="" type="checkbox"/> Yes	8 x
stratum+tcp://qubit.mine.zpool.ca:4733	qubit	1GwxxKDozbCcmgS	x	<input checked="" type="checkbox"/> Yes	9 x
stratum+tcp://skein.mine.zpool.ca:4933	skein	1GwxxKDozbCcmgS	x	<input checked="" type="checkbox"/> Yes	10 x
stratum+tcp://myr-gr.mine.zpool.ca:5433	myr-gr	1GwxxKDozbCcmgS	x	<input checked="" type="checkbox"/> Yes	11 x

Reload pools Add pool

SGMINER Options

- 1) Default pool link
- 2) Server URLs
- 3) Algorithm
- 4) Wallet address(user)
- 5) password (normally set as X)
- 6) Extranonce (enhance your mining efficiency)
 - Check first if pool support this function, (such as nicehash, zpool)
 - Leave the box unchecked if the pool doesn' t Extranonce
 - Availability of supporting Extranonce should ask pool Operator
- 7) Priority
 - The lower the value set, the higher the priority is. Miner will switch to second priority pool upon disconnection with current highest priority pool, when the higher priority pool alive again, miner will switch back.

NOTE

- a. Nicehash SOLO please add "diff_4096" in password filed

URL	Algo	User	Pass	Extranonce	Priority
stratum+tcp://stratum.solo.nicehash.com:	x11	36UvwrWfXMktNhw	diff_4096	<input checked="" type="checkbox"/> Yes	0

- b. Fan rate could be adjusted from adding SGMINTER OPTIONS under "Miner" Tag.

SGMINER Options

Options [SGMINER's Github page](#) for the following options

Sgminer options	Value	Description
api-port	4028	
api-allow	W:127.0.0.1,W	
baikal-fan	100	

- c. Nicehash/miningpoolhub/zpool multi-algo autoswitching quick set (backup page)

Backup

Restore

- Nicehash-USA
- Nicehash-Japan
- Nicehash-Europe
- Nicehash-China
- MiningPoolHub

Select pool from left list, click restore and then go back to "Miner" page and write your own wallet.

- SD Card Update

Preparation:

Download **PiZero image** and **Win32diskImager** Utility:

<https://github.com/baikalminer/GX10/tree/master/orangepi>

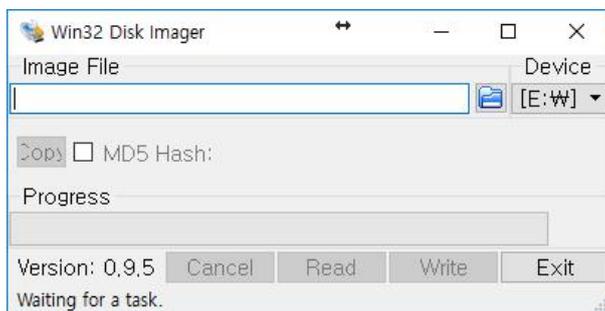
Update OrangePI SD Card

-Turn Giant X10 off.

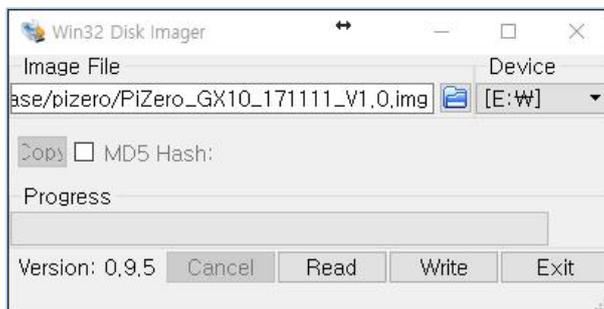
-Remove the SD Card from the OrangePI Controller.

-Read the SD card on your computer and check which drive letter it assigned.

-Run the win32diskImager utility.

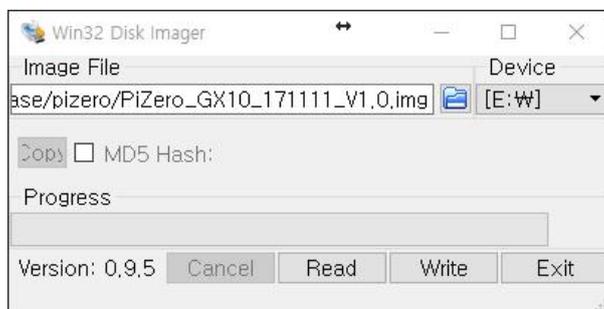


-Select the PiZero_GX10_Date_Version.img



-Select the driver letter of the SD card in the device box.

Be careful to select the correct drive; if you get the wrong one you can destroy your data on the computer's hard disk!



-Click **Write** and wait for the write to complete.

-You are now ready to plug the card into your OrangePI

