

A8+ CryptoMaster USER MANUAL



INNOSILICON A8+ CryptoMaster

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1. OVERVIEW



2. CABLE CONNECTION

2.1 CHECK THE MINER BEFORE POWER ON

- Check the warranty sticker is well or not, especially the hashboards PSU port side. If the warranty sticker is damaged when you received the miner, please contact our After-sales.
- Before you power on the miner, shake the miner softly, if you can hear the sound of metal banging on metal, please contact our After-sales.
- Check if the fan work well, if you find the fans broken please contact our After-sales.
- Check the cable connection, if it is different from below picture, please connect the cables as below.





2.2 CONNECT THE PSU

Every hash board needs to be inserted with 2 PSU cables, controller only needs 1 PSU cable according to the following image .



2.3 CONNECT THE ETHERNET CABLE

Insert one end of the Ethernet cable into the router and the other end into the slot shown in the following image, you should plug in the miner one by one, only when you have accomplished IP Setting of the previous one you can plug in another miner .



IP SET button: Press it more than 5 seconds to recover the IP to 192.168.1.254. RESET button: Your miner will restart if you press it. It wont recover your settings to the default.

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3. OPERATE THE MINER

3.1 ENTER THE MINER CONSOLE

DHCP(the Normal led on the control board should be blinking) is the default IP mode of the miner, find the IP via the router or the IP scanner.

Enter the IP of the miner on the browser and press the Enter button. The chrome is the suggested browser.



3.2 MODIFY THE POOL SETTINGS

🚳 Miner Status 🚱 General Settings	CCN = Pool Settings			
	Pool1		Pool2	
🚀 System		mc−bj.ss.poolin.com:1800	URI	
🔑 Network	Worker kgdu. 0001		Worker	
	Password ×		P assword	
	Pool3		Pool4	
	URL		URI	
	Torker		Wor ker	
	Password		Password	
	Advance			
			trol . (Note:software auto search base values.)	
	Performence Level	High Hashrate Mode with more	power consumption	
	Frequency	1100	slightly adjust VID up or down to get the best perf	he most suitable value of VID may vary from miner to miner. User can ormance. 1000MMX is our default frequency with voltage VID range of 175
			VID to be lower.	e.If you want to try higher overclock frequency, you may need to adjust
	Miner Operational Voltage(Level)	175		errendet i tely sunde sind in orandering condition /
				1
				Go To Config
			NOSILICO	
		E-: A 12 00	10 1E.0E. 17 CHT 0000 (1	1 国标准时间)
		ri Apr 15 20	18 15:05:47 GMT+0800 (¤	十四你在时间/
			Hello Miner	같은 것이 같은 것을 가지 않는 것이 같은 것이다. 같은 것이 같은 것은 것이 같은 것은 것이 같은 것이 같은 것이다.
				Default password is 12345678
				Delault password is 12343078
			Welcome to Miner	감정 - 가방영향 - 이상왕이 전 방법했는 방법생활 - 가방 - 이상의 - 아이들은 영향 - 강영향 - 가방이는 것은 감정 - 가
Miner Status	E Settings			⊘ Fri Apr 13 2018 14:16:06 GMT+0800 (中国标准时间)
	Pool1			1
			Pool2	
Settings	Main pool URL stratum+tcp://xmc-bj.	ss.poolin.com:1800	Pool2 Backup poo	
Settings 🖋 System 🔇	Main pool	ss.poolin.com:1800	Backup poo	
Settings	Main pool URL stratum+tcp://xmc-bj.	ss.poolin.com:1800	Backup poo	
Settings	Main pool URL stratus+tep://wme=bj. Worker kgdu.0001 Password X Pool3	ss.poolin.com:1800	Backup poo URL Worker Pessword Pool4	
Settings	Main pool URL stratum+tep://xmc~bj. Worker kgdu.0001 Fassword x	ss.poolin.com:1800	Backup poo URL Vorker Pessword	
Settings	Main pool UKL stratus+tep://xmc~bj. Worker kgdu.0001 Password x Pool3 Backup pool	ss.poolin.com:1000	Backup poo URL Vorker Password Pool4 Backup poo	
Settings	Main pool URL stratus+tcp://xmc~bj. Worker kgdu.0001 Password X Fool3 Backup pool URL	ss.poolin.com:1800	Pool4 Backup poo Warker Password Pool4 Backup poo Wark	
Settings	Main pool URL stratus+tcp://xmc=bj. Worker kgdu.0001 Password × Pool3 Backup pool URL Worker	st.poolin.com:1800	Backup poo URL Worker Pessword Pool4 Backup poo URL Worker	
Settings 4 System < F Network	Main pool URL stratus+tcp://xmc=bj. Worker kgdu.0001 Password × Pool3 Backup pool URL Worker	ss.poolin.com:1800	Backup poo URL Worker Pessword Pool4 Backup poo URL Worker	
Settings 4 System < F Network	Main pool URL stratus+tep://sme=bj. Worker kgdu.0001 Password X Pool3 Backup pool URL Worker Password Advance		Backup poo URL Worker Pessword Pool4 Backup poo URL Worker	
Settings 4 System < F Network	Main pool URL stratus+tep://sme=bj. Worker kgdu.0001 Password X Pool3 Backup pool URL Worker Password Advance	ual control ° Auto control *	Backup poo UKL Worker Pessword Peol4 Backup poo URL Worker Password Note: software auto search base values.) Auto Search Otote: 1000MHz is our high hashrate frequency with volt	save the pool setting save
Settings 4 System < F Network	Main pool URL stratus+tep://sme=bj. Worker Redu. 0001 Password X Pool3 Backup pool URL Worker Password Advance	ual control ° Auto control *	Backup poo WRL Worker Peol4 Backup poo WRL Worker Password Password Pas	save the pool setting
Settings 4 System < F Network	Main pool URL stratus+tcp://snc~bj. Worker kgdu. 0001 Password x Worker Password Man Advance Man Frequency 11	ual control ∘ Auto control ∘ M (nvarolock) *	Mote: software auto search base values.) Atto Search Mote: software auto search base values.) Atto Search Mote: 1000MHz is our high hashrate frequency with volt voltage or higher power consumption. If you want to try Warning: overlock is at your own risk and wary in perf condition.)	save the pool setting Sove
Settings 4 System < F Network	Main pool URL stratus+tep://sme=bj. Worker Redu. 0001 Password X Pool3 Backup pool URL Worker Password Advance	ual control ∘ Auto control ∘ M (nvarolock) *	Backup poo URL Worker Peol4 Backup poo URL Worker Peol4 Backup poo URL Worker Password Password	save the pool setting Sum age VID range of 175 to 150. The lower VID value means the higher overclock frequency, you usually need to adjust VID to be lower. ormance from miner. It may damage miner in overheating
Settings 4 System < F Network	Main pool URL stratus+tcp://snc~bj. Worker kgdu. 0001 Password x Worker Password Man Advance Man Frequency 11	ual control ∘ Auto control ∘ M (nvarolock) *	Backup poo URL Worker Peol4 Backup poo URL Worker Peol4 Backup poo URL Worker Password Password	save the pool setting age VID range of 175 to 150. The lower VID value means the higher overclock frequency, you usually need to adjust VID to be lower. ormance from miner to miner. It may damage miner in overheating ost suitable value of VID may vary from miner to miner. User can nce. 1000MHr is our default frequency with voltage VID range of 175 to a want to try higher overclock frequency, you may need to adjust VID to
Settings 4 System < 2 Network	Main pool URL stratus+tcp://snc~bj. Worker kgdu. 0001 Password x Worker Password Man Advance Man Frequency 11	ual control ∘ Auto control ∘ M (nvarolock) *	Backup poo WRL Worker Peol4 Backup poo WRL Pool4 Backup poo WRL Worker Password Password	save the pool setting aver save the pool setting aver overclock frequency, you usually need to adjust VID to be lower. ormance from miner to miner. It may damage miner in overheating ost suitable value of VID may vary from miner to miner. User can nce. 1000MHr is our default frequency with voltage VID range of 175 to a want to try higher overclock frequency, you may need to adjust VID to



3.3 CHECK THE HASHRATE

The miner will work for you after you complete the configuration, then you can check the hashrate.

al Settings Summary m <					
Running Ti	ne J	accepted / Rejected	HT	Fan Speed	Total HashRate(KHS)
00d 01h 42m	i 33s - 5	51 / 2	0	10%	269.76
Miner Inf	>				Confi
Chain#	Accepted / Rejected	HI	Temp min / Temp max / 1	Temp avg Statu	
ASCO	79 / O	0	30 / 52 / 41	ALLON	33.62
ASCI				Alive	
ASC2					
1903					
1000					
ASC4					
ASC4					
AS74 AS75					
AS74 AS75		0 0 0			

3.4 NETWORK

INNOSILICON	≡		O Fri Apr 13 2018 13:46:32 GMT+0800 (中国标准时间
🚯 Miner Status	Settings		
General Settings		Current ID	
🖋 System <	Network Status	Current IP	-
	S	Type:dhcp eth0 IP Address:10.10.1.108 Netmask:255.252.20 Gateway:10.10.0.1 Dns:8.8.8.114.114.114.11	4
	Network Settings		-
	DHCP Static IP mode		
	IP Address	10.10.1.108	
	Nemask	255.255.252.0	
	Gateway	10.10.0.1	
	DNS Servers 1	8.8.8.8	
	DNS Servers 2	114.114.114	
			Save&Apply
			Save the IP setting

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3.5 OTHER PAGES

INNOSILICON	=		◎ Fri Apr 13 2018 13:45:20 GMT+0800 (中国标准时间)
🙆 Miner Status	Overview		
🧔 General Settings	Version		-
🖋 System 🛛 👻			-
>_ Overview	Miner Type Hw Version control board Version	19 619	
Administration	MAC Addr	A0:B0:45:01:52:97	
O Upgrade C Reboot	Build Date FIrmware Version	2018-04-10 20:22:52	
🗲 Network	Platform Version	b1de7b6849cb60535243777ad3f0bf03c3a19cb2.0	
	Rootfs Version	b1de7b6849cb60535243777ad3f0bf03c3a19cb2	
	System		
	Status	05:45:52 up 1:51, 0 users, load average: 2.99, 2.69, 2.48	
	Memory Available Memory Free	44724 kb / 252340 kb (18%)	
	Cached Available	207616 kb / 252340 kb (82%) 35936 kb / 252340 kb (14%)	
	Cached Free	216404 kb / 252340 kb (85%)	
		k6 (86%)	
	I Network		-
	IP Status	Address:10.10.1.108	
		eth0 Netmask: 255. 255. 252. 0 Gateway: 10. 10. 0. 1	
		Dms: 8.8.8.8, 114. 114. 114	
INNOSILICON	=		② Fri Apr 13 2018 13:43:35 GMT+0800(中国标准
🗈 Miner Status	Administration Modify the p	assword	
🜻 General Settings			
- System <	Password		
>_ Overview	Current Password Current Password		
🕈 Administration	New Password New Password		
Ö Upgrade	Confirmation Confirmation		
C Reboot	Save Password		
🔑 Network			
NNOSILICON	=	Upgrade	② Fri Apr 13 2018 13:45:40 GMT+0800 (中国标)
Miner Status	Upgrade (Chrome Browser is preferred)	- - <u>3</u>	
General Settings	The second sector of the second secon		
f System 🗸 🗸	P Upgrade the latest firmware image (recommended)		
 Overview Administration 	Approach 1 (recommended): Use internet to download the update.bin fi	nternet to replace the running firmware,check "Keep user settings" button to retain user current ac le, complete the firmware upgade then recycle the power, please follow intruction manual.	
🔾 Upgrade	Please DO NOT power off during upgrade, Use ctri+F5 to refresh. After	er the upgrade 100% completion, system should automatically reboot, if not, please manually	reboot the miner.
C Reboot		Keep User Settings Return To Factory Default Settings	
Network		Choose file Apply lease download the update.bin file from the URL in the instruction manual and apply it here	
	_		
	=	Reboot	◎ Fri Apr 13 2018 13:46:04 GMT+0800 (中国标准时间)
🚯 Miner Status	Reboot		
🔅 General Settings	A Reboot		
🖋 System 👻 👻	Reboot the operating system of your device and allow firmware updat	te to take effect from internet or SD card	
>_ Overview	SReboot		
 Administration Upgrade 			
C Reboot			
🗲 Network			