INNOSILICON

T2TZ-30T BTC

USER MANUAL



Catalogue

.Overview	0
2. Assemble the miner	2
2.1 Check the miner before power on	2
2.2 Assemble&Operate	3
B.Operate the miner	4
3.1 Enter the miner console	4
3.2 Set up the pool	5
3.3 check the hashrate of the miner	6
3.4 network configuration	6
3.5.1 Overview	7
3.5.2 Upgrade	8
3.5.3 Modify the password	8
3.5.4 Reboot	8
3.5.5 Factory reset	9

INNOSILICON

1.Overview



Specifications

Part Number	T2TZ-30T
Algorithm	Sha256
Size $(L \times W \times H)$	422mm(L)*142mm(W)*213mm (H)
Net Weight	9.5KG
Operating Temperature	040 ℃(device junction temperature)
Network Connection	Ethernet

Typical Hashrate and Power Dissipation of the Four Mode: (You can set the mode follw the manual $3.\,5.\,1)$

Mode	Performance	Factory	Balance	Efficient
Hashrate	30TH±5%	29TH±5%	26TH±5%	24TH±5%
Power dissipation	$2200W \pm 10\%$	$2100W \pm 10\%$	$1900W \pm 10\%$	$1620W \pm 10\%$

2. Assemble the miner

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.
- The cable connection should be same as the follow picture.



Note:

There is a led on each hashboard, which can show the work status of the hashbaord. When the miner start to work, the led

Solid---workig well

Blink---the hashboard overheat, please check the fans of the miner and the room temp Off---the hashboard don't work, please try to reboot the miner or change the data cable. You can contact our after-sales team if the problem is still exist.

2.2 Assemble&Operate

Connect the miner and the router by the Ethernet cable, then the miner can start to run after power on the miner.



Normal Led: Solid means static IP; Blinking means DHCP

Fault Led: On means network has something wrong; Off means OK.

IP SET button:

Press it 1—4 seconds, it will (1) show the IP of the miner in the "Set IP" tool; (2) change the miner to Static IP mode and modify the IP to the IP range you set in the "Set IP" tool

Press it 4-15 seconds, the miner will become to DHCP and the settings of the miner should be restore to default.

Press it more than 20 seconds to switch the Dynamic (Static) IP to Static (Dynamic)

RESET button: Your miner will restart if you press it..

3.Operate the miner

3.1 Enter the miner console

DHCP is the default IP mode of the miner, find the IP via the router or the IP scanner. Or you can use the "SetIP" tool which is developed by ourselves to search the IP. Download link is:

https://drive.google.com/open?id=1O3D4OYfFfYYT5prN6J6DgrW1bFJrCKmx

a. Put the tool on the PC which is connect with the same router with the miner, then double click the tool and choose the language.

Set Value	MinerList			
Local IP: 10.0.100.201 Auto Fill IP	Miner IP	New IP	MAC	Status
Get MinerTP: Netch MinerTP				
N (H); OFF OFF OFF O				
NetMask: 255.255.0				
Gateway: 10.0.100.1	Ch			
DNS: 8.8.8.8 114.114.114		Jose language		
English ▼ 中文				
Auto Get Net Param English Eric				
10.0.100.201				
Start Watch IP, Please Press the Key				
of Miner IPSet IPPub=10.0.100,StartIp=1,EndIP=254				
255. 255. 255. 0 10. 0. 100. 1				
Stop Watch				
		J		
		J		
eport the miner IP		J		
eport the miner IP		,		
Ceport the miner IP		,		
Seport the miner IP SedP 2018/05/16 Version Info Set Value	BinerList	,		
SetP 2018/05/16 SetP 2018/05/16 Set Value Local IP: Auto Fill IP	BinerList Miner IP) New IP	MAC	Status
SetP 2018/05/16 SetP 2018/05/16 Version Info Set Value Local IP: Auto Fill IP Get NinerIP: Stop Value	RinerList Miner IP) New 1P	MAC	Status
SettP 2018/05/16 Version Info Set Value Local IP: Auto Fill IP Get MinerIP: Stop Watch	RinerList Miner IP) New IP	MAC	Status
SetP 2018/05/16 Version Info Set Value Local IP: Auto Fill IP Get MinerIP: Stop Watch Modify:	RinerList Miner IP) New IP	MAC	Status
SetP 2018/05/16 SetP 2018/05/16 Version Info Set Value Local IP: Anto Fill IP Get MinerIP: Stop Watch Modify: ~ .	RinerList Miner IP) New IP	MAC	Status
Ceport the miner IP	BinerList Miner IP	New IP	MAC	Status
SettP 2018/05/16 Version Info Set Value Local IP: Anto Fill IP Get MinerIP: Stop Watch Modify: . ~ . NetMask: Gateway: DWS: .	RinerList Miner IP	New IP	MAC	Status
SetP 2018/05/16 Version Info Set Value Local IP: Auto Fill IP Get MinerIP: Stop Watch Modify: . ~ ~ NetHask: Gateway: . DBS:	MinerList Miner IP	New IP	MAC T IP	Status
SetP 2018/05/16 Version Info Set Value Local IP: Auto Fill IP Get MinerIP: Stop Watch Modify: ~ NetMark: ~ Gateway:	BinerList Miner IP	New IP	MAC IT IP	Status
Report the miner IP	BinerList Miner IP Clin	New IP	MAC r IP	Status
Set Value Local IP: Anto Fill IP Get MinerIP: Stop Watch Modify: Start Watch IP: Press Press the Kay of Miner IFSet IFfust Start Jon Karling	RinerList Miner IP Cliv	New IP	MAC TIP	Status
SetP 2018/05/16 Version Info Set Value Local II: Auto Fill IP Get MinerIP: Stop Watch Medify: ~ . NetHask: Gateway: . DNS: . English ~ Start Watch IP: Please Press the Kay of Miner IPSet. IFrost. IFrost. IFrost.	MinerList Miner IP Cliv	New IP	MAC T IP	Status

Press the IPset button 1 to 2 seconds then the IP of the miner will show here

4

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

INNOSILICON	
Sign In	
Username admin	
Password admin	
Login	

3.2 Set up the pool

You can use the suggested pool as below:

1 f2pool: stratum+tcp://btc-65536.f2pool.com:3333

2 poolin: stratum+tcp://btc-bj.ss.poolin.com:1800 or stratum+tcp://btc-sz.ss.poolin.com:1800

3 ckpool: stratum+tcp://cn.ckpool.org:443 or stratum+tcp://pool.ckpool.org:3333

4 btc.top: stratum+tcp://t2.btc.top:8888 or stratum+tcp://bak.t2.btc.top:3333

5 slushpool: stratum+tcp://stratum.slushpool.com:3333

	Settings Mining Pools	🚨 admin 🖌
C Settings C Settings Cost Cost Cost Cost Cost Cost Cost Co	Pool 1 add the "stratum+tcp" will be better URL stratum+tcp//bic-bj as poolin.com:1800 Worker minier.worker Password	
	Pool 2	Pool 3
	URL stratum+tcp://stratum.skushpool.com/3333 Worker kgdu.worker Password X X	URL Pool URL Pool Worker Password Pool Password

3.3 check the hashrate of the miner

After set up the pool, the miner will mine for you.

← → C ① 不安全 20.20.20.	.105						Q 0 - ģ	2
Miner Status	Miner Status Live Data (auto-refresh)						🚨 admin 🔒	
♦\$ Settings ↓	5 Please note the	miner is autotuning, hashrate	may vary until completion!					
Overview C+ Logout	50m	99.9%	(1539/1) 3.00 T pted rate 2.00 T	His Chain 1	Chain 2	Chain 3 🗾 1	lotal	
	2.35 TH/s	10 * fan	1.00 T 096 0.00 T	H/S			d ^a	
	Baala			has	shrate gra	ph		_
	Pool Pool the using po stratum+tcp://dec stratum+tcp://dec	DOI uupool.cn.3272 red.mine.zpool.ca.5744	User DsUv96jMFdqnYbb8cAgf0 3CZ2MVV8pMeC1whs3Jf	Hin8WGyZ21HPCdx.worker1 ennX8V26Kf21QhR	Status Alīve Dead	Get Works 27 0	Accepted / Rejected 1539/1 0/0	
ha	Miner Info shrate of per # Hash Rate	hashboard Stat	us Accepted	Rejected	HW	Tempera	ture	
	1 784.79 GH/	alin	ve 474/0		3	63 °C		
	2 784.79 GH/ 3 785.34 GH/	s Air	vo 519/1 vo 546/0		5	63 °C		

3.4 network configuration

Miner Status		
Pools	Network Settings	
Security	if you want t	o use the static IP, please click here unselect the DHCP
Network Performance	DHCP	Please check this box If you want the miner to receive an IP address automatically from your DHCP server.
♥ Maintenance -	IP	20.20.20.105
 Overview Logout 	Netmask	255 255 255 0
	Gateway	20.20.20.1
1	DNS 1	208.67.222.222
1	DNS 2	Name Server 2
	Update	
2		

3.5 Other pages

3.5.1 Change the operate mode

There are 4 modes can be choosed, please click the "Save" after you set the mode.

tatus	erformance				
s	Profiles				
0	There are 4 tuning modes				
k nance	Efficiency the miner will use less poir Balanced recommended value to ach Factory the miner will work factory vi Performance high hash rate and high	wer but the hash rate will be lower hieve balanced hash rate and power consumption values h power consumption			
e	Tuning takes about 30 minutes and the resu	ult will be saved and used for again at reboot.			
	Please note hashrate will vary during the tur	ining process.			
Reset			0		
gs	Efficiency	Balanced	Factory	7	Performance
	T				
	Tuning Status	for the second se			
	Current Mode	factory			
	Tuning Status	tuned			
	Save				
5.2 Ove	erview		J		
5.2 Ove	erview		Network Status		
5.2 Ove	version		Network Status		
5.2 Ove Miner Status Settings Maintenance Verwew	Version Type	B29	Network Status Type	đhợp	
5.2 Over	Version Type Control Hereion	829 g19	Network Status Type IP	dhcp 20 20 20 105 265 255 25 2 5	
5.2 Ove Merer Status & Settings Maintenance Copout	Version Version Type Controller Version MAC Address Bisin part for The Version	829 g19 a02045002794	Network Status Type IP Netmask Gatewary	dhep 20.20.20.105 255.255.0 20.20.20.1	
5.2 Over	Version Version Type Controller Version MAC Address Build Date firmware V Pietform Version	829 g19 a0.045.00.2f.94 version 17br of April 2018 12:42 PM b29.20180417, 124258	Network Status Type IP Netmask Gateway Name Gever 1	dhep 20.20.20.105 255.255.255.0 20.20.20.1 20.6 67.222.222	
5.2 Ove Mer datus Settings Martenne Logout	Version Version Type Controlier Version MAC Address Build Date firmware V Piatform Version	829 919 905045002194 Version 178h of April 2018 12:42 PM 529_20180417_124258	Network Status Type IP Netmask Gateway Name Server 1 Name Server 2	ohop 20.20.20.105 255.255.255.0 20.20.20.1 208.67.222.222	
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5.2 Ove Mer Status Settings Austreance Logout	Version Version Type Controller Version MAC Address Build Date firmware V Platform Version	829 g19 a0.50x55002f.94 Version 17th of April 2018 12:42 PM b29_20180417_124258	Network Status Type IP Netmask Gateway Name Server 1 Name Server 2	dhcp 20.20.20.105 255.255.255.0 20.20.20.1 208.67.222.222	
5.2 Ove Mer Status Settings Audretance Logout	Version Version Type Controller Version MAC Address Build Date firmware V Platform Version	829 919 a025045002f94 version 17th of April 2018 12:42 PM b29_20180417_124258	Network Status Type IP Netmask Gateway Name Server 1 Name Server 2 06:06:10 up 57 min, load average (0 55336 hD / 250544 kD	dhcp 20.20.20.105 255.255.255.0 20.20.20.1 208.67.222.222	
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Innosilicon After sales Team Email:minersupport@innosilicon.com.cn 7

3.5.3 Up	grade			
💼 Miner Status	/			
✿\$ Settings ↓ ♥ Maintenance ↓	Upgrade		Latest Firmware	
Firmware	1. The update.swu fil	le should be obtained from our support center	Check for firmware updates.	
Reboot Factory Reset	2. Do not power off o 3. All your settings w	or refresh this page during the upgrade process vill be preserved	Check Now	
Overview		选择文件 未选择任何文件		
	Upgrade Now	estant the Group of G		
		select the firmware fil	e	
sta	art update	N .		
	/			
354 Ma	dify the	e nassword		
3.5.4 Mc	odify the	e password	Y	
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3.5.4 Mcc Miner Status Settings Pools Security Network	change password	e password		•
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3.5.4 Mcc Mirer Status Settings Pools Security Network Performance ✓ Maintenance ✓ Maintenance	Change password User Current Admin Password New Password	e password admin Current Admin Paseword Current Password		•
3.5.4 Mcc Miner Status Settings Pools Security Network Performance Maintenance Overview © Overview © Logout	Change password User Current Admin Password New Password Confirm Password	e password admin Current Admin Password Current Password Confirm Password		•
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3.5.4 Mcc	odify the change password User Current Admin Password New Password Confirm Password Confirm Password Update booot 1 Reboot Miner	e password admin Current Admin Password Current Password 2		
3.5.4 Mcc	change password User Current Admin Password Confirm Password Confirm Password Update bboot	e password		
3.5.4 Mice Settings Pools Security Network Performance ♥ Maintenance ♥ Maintenance ♥ Cverview € Logout	change password User Current Admin Password New Password Confirm Password Confirm Password Update	e password admin Current Admin Password Current Password 2 ill became unavailable after your press the Reboot buttor 2	on. Please wait until the reboot cycle completes.	
3.5.4 Micr Settings Pools Security Network Performance Maintenance Overview Coverview Coverview Settings Maintenance Firmware Rector Pactory Reset Coverview	change password User Current Admin Password Confirm Password Confirm Password Update bboot 1 Reboot Miner	e password admin Current Admin Password Current Password Confirm Password 2 ill became unavailable after your press the Reboot buttor 2	on. Please wait until the reboot cycle completes.	

3.5.6	Factory reset	
 Miner Status Image: Settings Image: Maintenance Image: Maintenance 	Factory Reset 1	
Firmware Reboot Factory Reset © Overview I Logout	Pools settings and passwords will be reset to factory defaults. This web interface will bec 2ne unavailable after your press the reset button and the miner will be restarted. Please wait until the reboot cycle complete.	,
	Reset Now	
	S	