

**INNOSILICON**

**T2T-32T BTC  
USER MANUAL**



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## 1. Overview



### Specifications

Part Number	T2T-32T
Hashrate	32T( $\pm 5\%$ )
Power	2200w ( $\pm 10\%$ )
Algorithm	Sha256
Size (L×W×H)	460mm (L) *160mm(W)*236mm (H)
Net Weight	13.9kg
Operating Temperature	0--45 °C(device junction temperature)
Network Connection	Ethernet

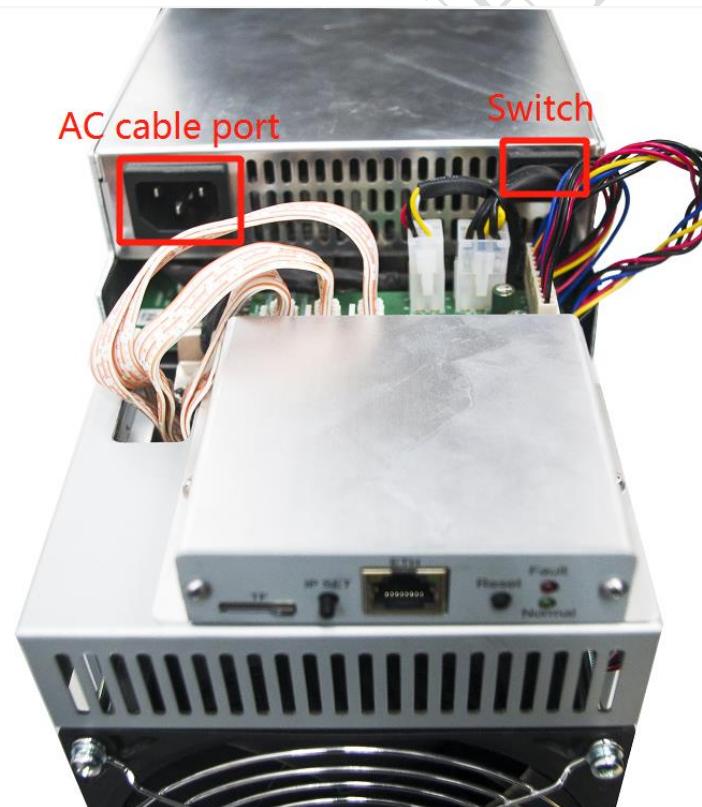
## 2. Assemble the miner

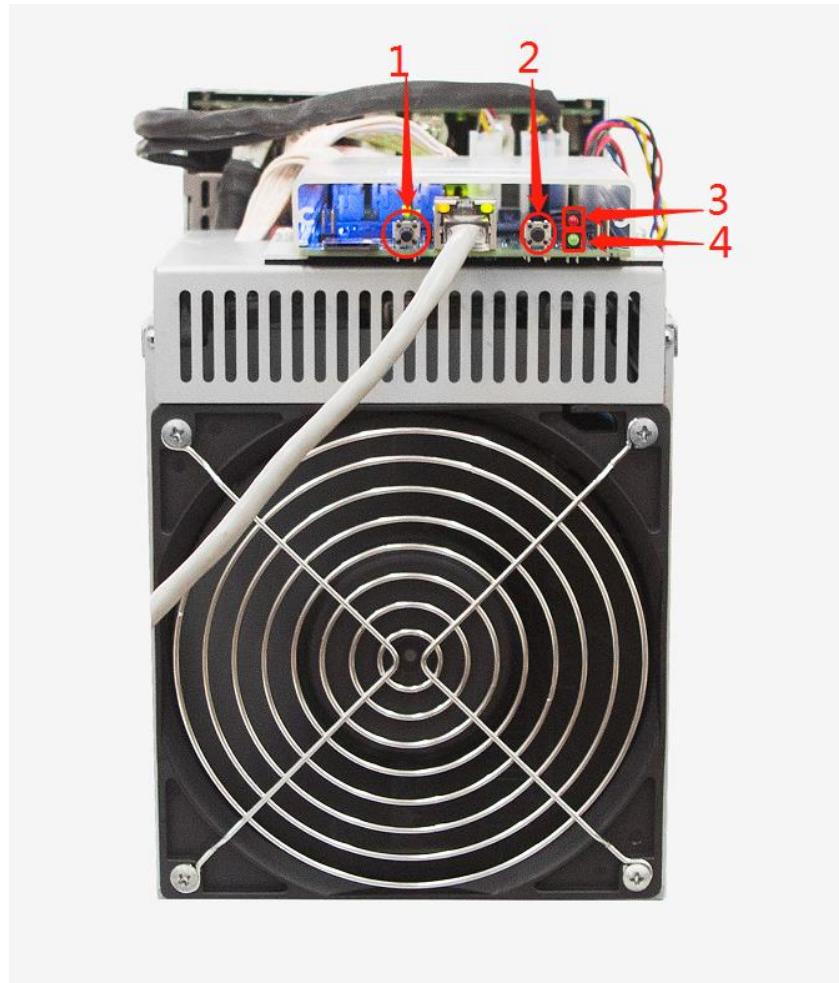
### 2.1 Open the package to check the miner

- Check whether the warranty sticker is damaged, especially the one on hash board PSU port side. If the warranty sticker is damaged when you receive the miner, please contact our after-sales personnel in time.
- Before assembling the miner, pls shake the miner gently. Please contact our after-sales personnel immediately if there is metallic collision sound.
- Check whether the two fans work well, if you find the fans broken please contact our after-sales personnel.
- The wiring of the miner shall not be changed including the power cable and data cable interface.

### 2.2 Assemble & Operate

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





**1. IP SET button:**

Press it for 1—4 seconds and the following functions can be realized:

- (1) Sending the IP miner to the “Set IP” tool;
- (2) Changing the miner to a Static IP within the specific range with the IPset tool

Press it for 4—15 seconds, the miner IP will be switched to DHCP and the pool settings will be restored to default settings.

Press it for 15 to 30 seconds to switch the Dynamic (Static) IP to Static (Dynamic).

**2. RESET button:** Press the “Reset” button to restart the miner.

**3. Normal indicator:** two status in total——constantly lit and flickering. Being constant lit represents static IP and flickering represents dynamic IP (DHCP).

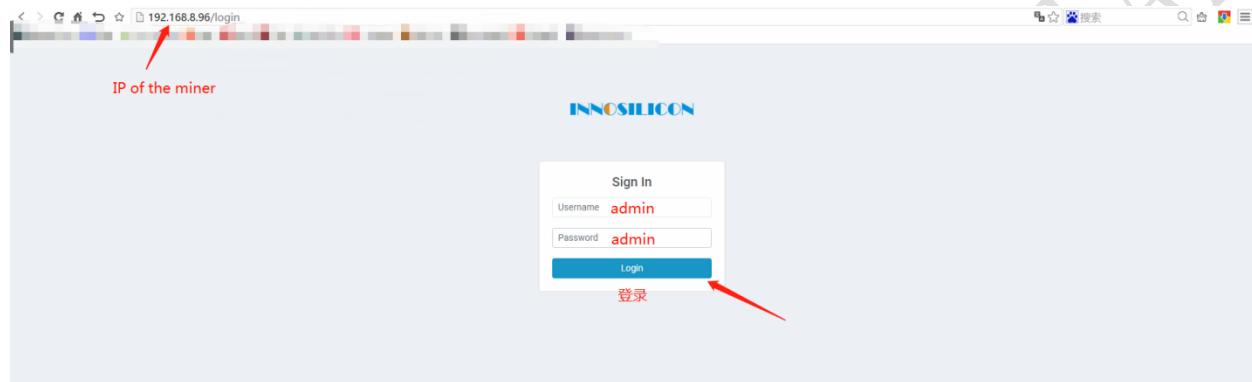
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**4. Fault indicator:** Can be lit and turned off using the batch management tool, making it easier to locate and find the miner.

## 3. Operate the miner

### 3.1 Enter the miner console

DHCP is the default IP mode of the miner (The normal indicator now is flickering in green when the DHCP service of the router is enabled.). Find the IP via the router or the IP scanner. Enter the IP of the miner in the browser and press the Enter button. Chrome is the suggested browser. (Please try with dragonadmin if the password admin is invalid.)



### 3.2 Configure the pool

Please configure the pool to start mining after login.

Please use the suggested pool as below:

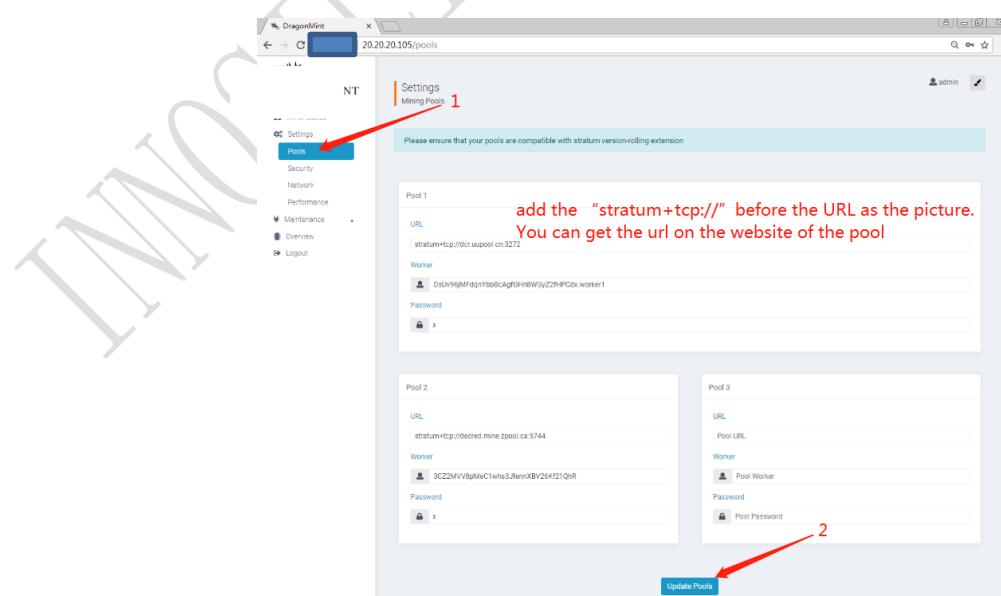
1 ckpool: stratum+tcp://cn.ckpool.org:443 or stratum+tcp://pool.ckpool.org:3333

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

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

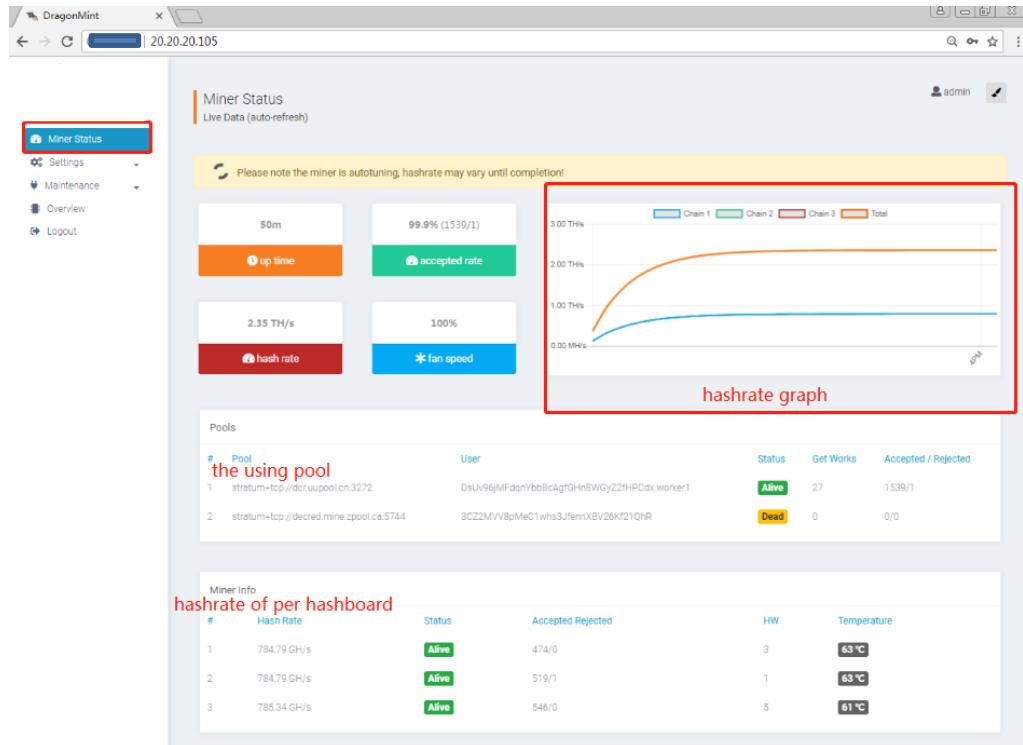
4 btc.top: stratum+tcp://t2.btc.top:8888 or stratum+tcp://bak.t2.btc.top:3333

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



### 3.3 View the miner hash rate

After configuring the pool, the miner will mine for you. You can view the hash rate in the Miner Status screen.



### 3.4 Network configuration

The screenshot shows the 'Network' settings page. The sidebar menu includes 'Miner Status', 'Settings', 'Pools', 'Security', 'Network' (highlighted with a red box), 'Performance', 'Maintenance', 'Overview', and 'Logout'. A red arrow labeled '1' points to the 'Network' menu item. Another red arrow labeled '2' points to the 'Update' button at the bottom of the network configuration form. The form itself is titled 'Network Settings' and contains fields for 'DHCP' (unchecked), 'IP' (20.20.20.105), 'Netmask' (255.255.255.0), 'Gateway' (20.20.20.1), 'DNS 1' (208.67.222.222), and 'DNS 2' (Name Server 2). A note says: 'if you want to use the static IP, please click here unselect the DHCP'.

## 3.5 Other pages

### 3.5.1 Change the operation mode

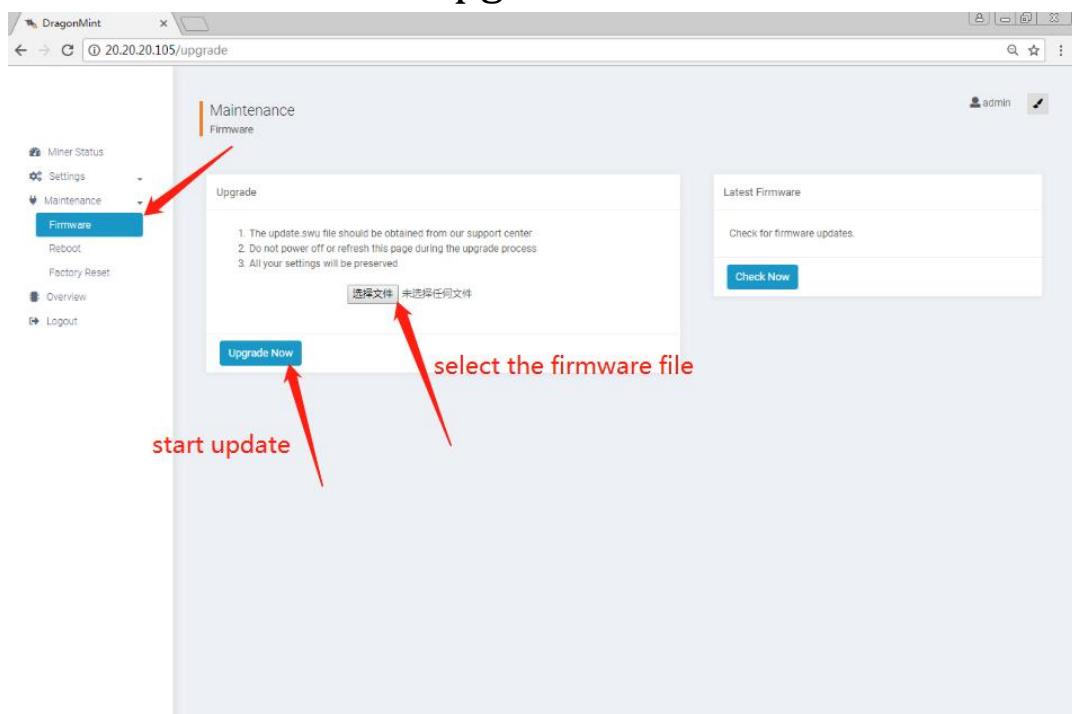
There are 4 modes available and please click the “Save” icon after your modification.

The screenshot shows the INNOSILICON web interface. On the left, a sidebar menu includes 'Miner Status', 'Settings', 'Pools', 'Security', 'Performance' (which is highlighted with a red box), 'Maintenance', 'Firmware', 'Reboot', 'Factory Reset', 'Miner Logs', 'Overview', and 'Logout'. The main content area is titled 'Miner Profile' under 'Performance'. It displays a 'Profiles' section with a note about four tuning modes: Efficiency, Balanced, Factory, and Performance. A horizontal slider bar allows selecting between these modes, with 'Balanced' being the current setting. Below the slider is a note: 'Tuning takes about 30 minutes and the result will be saved and used for again at reboot.' and 'Please note hashrate will vary during the tuning process.' At the bottom, there is a 'Save' button.

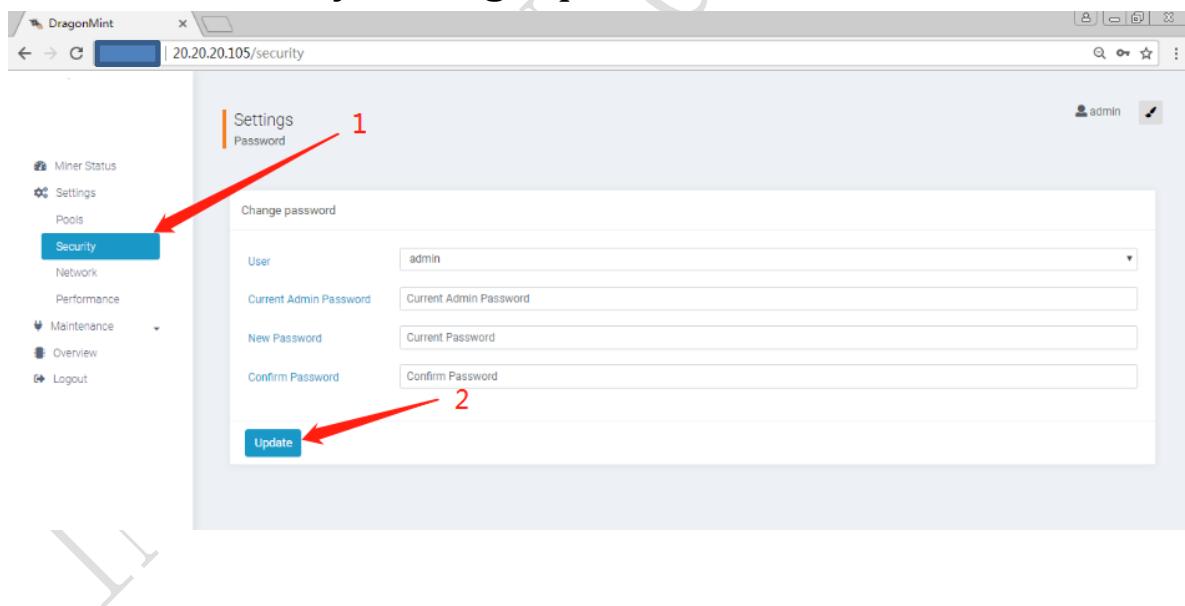
### 3.5.2 Overview

The screenshot shows the DragonMint web interface. On the left, a sidebar menu includes 'Miner Status', 'Settings', 'Maintenance', 'Overview' (which is highlighted with a red arrow pointing to it), and 'Logout'. The main content area is titled 'Overview' under 'Miner Status'. It displays three main sections: 'Version' (listing Type: B29, Controller Version: g19, MAC Address: a0:b0:45:00:2f:94, Build Date: **firmware version** 17th of April 2018 12:42 PM, Platform Version: b29\_20180417\_124258), 'Network Status' (listing Type: dhcp, IP: 20.20.20.105, Netmask: 255.255.255.0, Gateway: 20.20.20.1, Name Server 1: 208.67.222.222, Name Server 2: 208.67.222.222), and 'System' (listing Uptime: 08:08:10 up 57 min, load average: 0.73, 0.73, 0.67, Memory Used: 55336 kb / 250544 kb (27%), Memory Free: 195208 kb / 250544 kb (78%), Cached Used: 33676 kb / 244628 kb (14%), Cached Free: 210952 kb / 244628 kb (86%)).

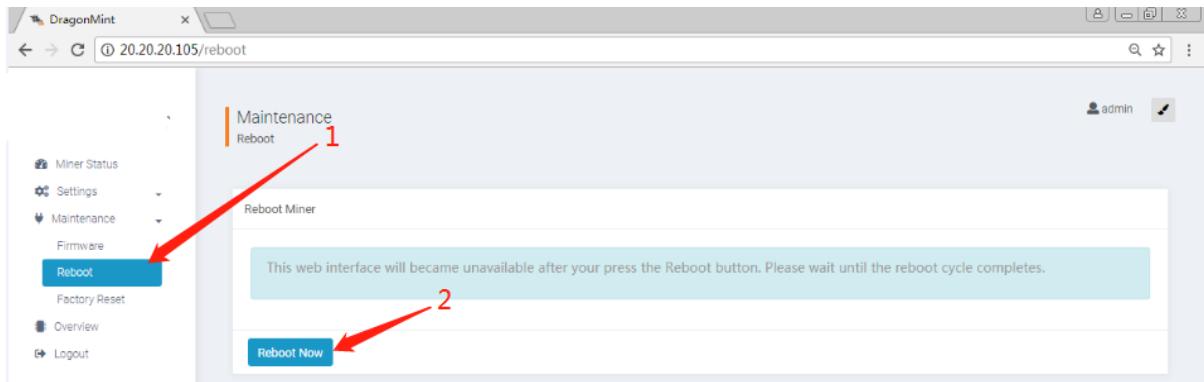
### 3.5.3 Firmware upgrade



### 3.5.4 Modify the login password



### 3.5.5 Reboot



### 3.5.6 Factory reset

