

DG Home 1 USER MANUAL

Version: V1.0

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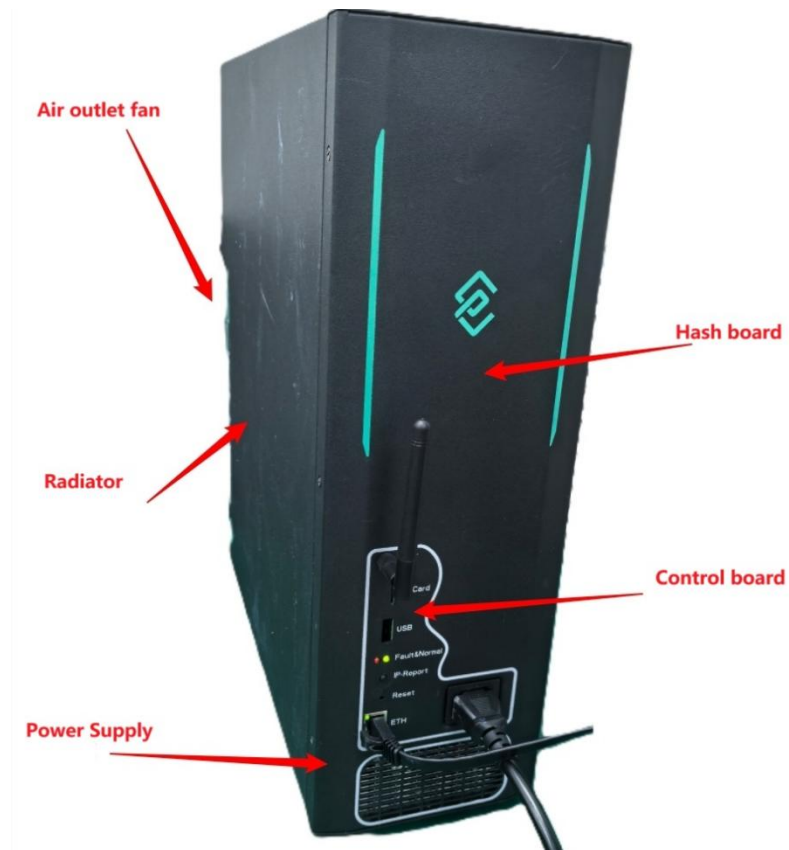
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1.DG Home 1 SERVER INTRODUCTION

A. Appearance



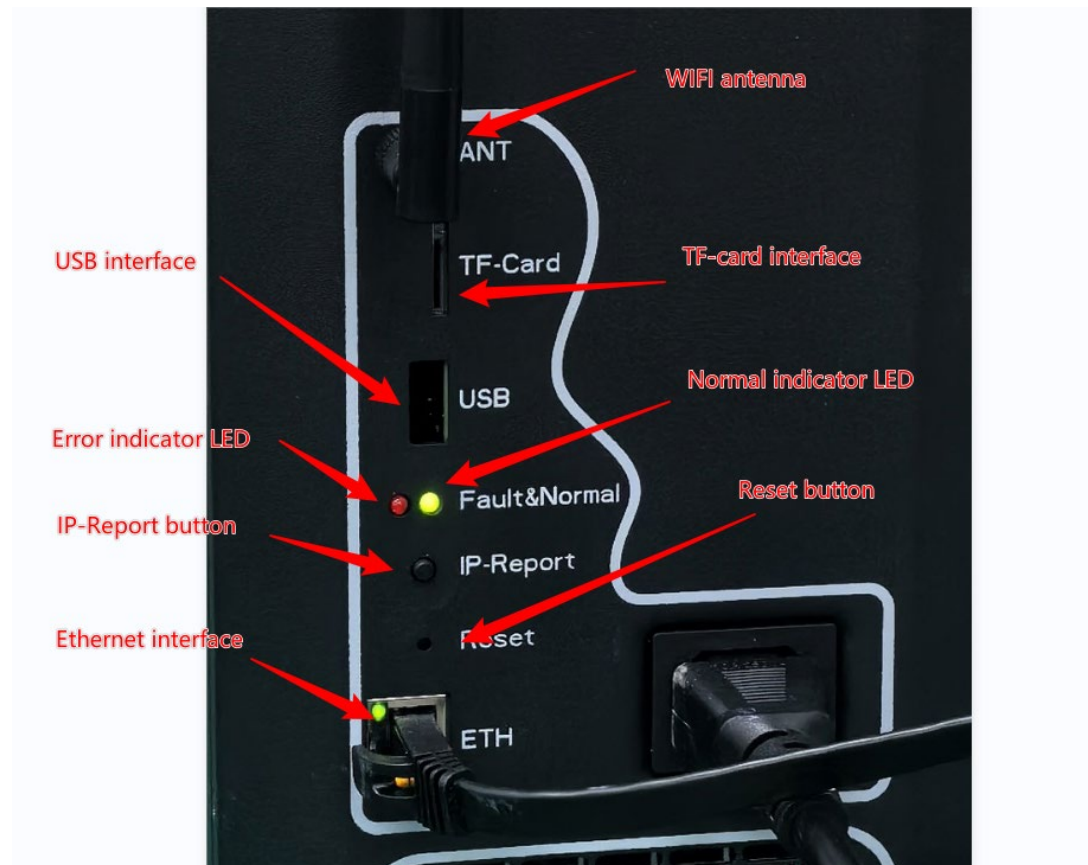
Remark: The above server pictures are for reference only, please refer to the actual product

B. Output interface of power



Supporting power cord requirements: 1 x 10A power cords

C. Control Interface



Description:

ANT: WIFI antenna, which needs to be connected when using WIFI to establish a connection

Reset: Restore the factory reset button, just press it with a thimble when using

IP-Report: Press this button to send the IP address of the server back to the computer

Fault: This red light is solid when the server fails

Normal: Solid light indicates that the server is running normally, and flashing indicates that it needs attention or is abnormal (used during general operation and maintenance and testing)

ETH: Ethernet cable socket, when connected normally, the green light on the right will be always on

TF-Card: Used when upgrading the SW

D. Server Parameters

Content	Value
Model	DG Home 1
Power on Wall @25℃ (Watt)	620±10%
AC Voltage Input (V)	100-240

AC Current Input (A)	10 (10*1)
Power Input Frequency (Hz)	50/60
Network Connection Mode	RJ45 Ethernet 10/100M
Machine Size (L*W*H,, mm)	420*370*140
Package Size (L*W*H, mm)	565*525*290
Weight (Kg)	10
Package Weight (Kg)	12.5
Storage Temperature (℃)	-20~70
Operating Temperature (℃)	0~40
Operating Humidity (%RH)	10~90
Working Altitude (m)	≤2000

2.DG Home 1 SERVER CHECKING BEFORE USING

A. Server Checking

- When signing for the server, check whether the outer box is damaged, damp, or unpacked, if so, please take a photo and contact customer service for processing
- After the server is taken out of the cartoon box, first check whether the appearance of the machine case is damaged, and whether the fan covers on both sides are collapsed. If there is any damage to the exposed wires, if so, please take a photo and contact customer service for processing
- Check whether the fan, power supply, and top trim cover are locked, and if you find any looseness, please tighten the screws by yourself
- Gently shake the machine to see if there is any abnormal noise, if so, please contact customer service

B. Pre-cautions before powering on

- The machine needs to be placed in a stable position (upright or power-up) and no other objects can be pressurized on the machine
- Use an approved power cord (as shown in Figures A and B above)
- Use a stable input voltage
- The machine has two power inputs, which need to be connected at the same time for the machine to work properly. When the machine is powered off, it needs to be the same to cut off the two input power supplies
- During the operation of the machine, it should not be directly touched by hand to avoid the risk of electric shock
- The machine cannot be disassembled unless it is permitted

Suggested operating environment: temperature 25~40°, humidity below 65%RH, and pay attention to moisture and dustproof to prolong the service life of the machine

3.DG Home 1 SERVER CONFIGURATION

A. Connect the network cable and power cable

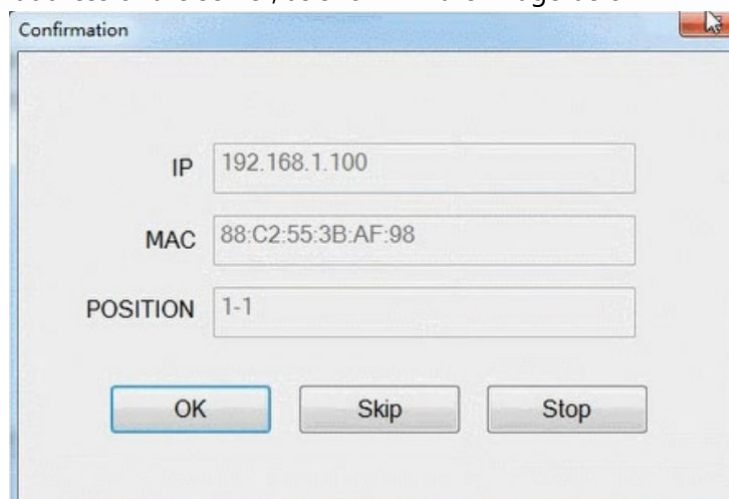
- Connect the network cable: Insert the network cable header into the "ETH" port on the server panel.
- Connect the power cord: Plug the appropriate power cord into the two 10A plugs on the power supply, then plug the AC plug into the 220-240V AC outlet

B. Server settings

i. Find the server IP address

After the server is powered on, when the green light of the network port starts flashing, you can use the IP Report tool to find the IP address of the server, as follows:

- Open "IP Report", then click "start" button
- Press the button of "IP Report" on the server
- The software interface displays the IP address of the server, as shown in the image below



Note: The server and the computer must be in the same network , otherwise you will not be able to receive the feedback from the server

ii. Server background settings

- Obtain the IP address of the server according to the above method and enter it on the web page (Google Chrome browser is recommended). The IP address, press enter to enter

- Enter the username and password in the pop-up dialog box (the username and password are root by default), and press the Enter key to enter

iii. Change the server password

After logging in to the server backend, it is recommended to change the login password of the server web page immediately. The procedure is as follows:

- In the background of the server web page, click "system" > "password" to enter the password reset page
- Enter your current password "root" in the column of "New Password"
- Enter the new password in the "New Password" field
- Enter the new password again in the "Confirm Password" field, and then click the "SAVE" button to save it (as shown in the figure below)

The screenshot displays a web browser window with the address bar showing '192.168.0.51/#pwd'. The page title is 'Reset Password'. On the left, a dark sidebar menu lists 'Dashboard', 'Settings', 'IP Setting', 'System', '[password]', and '[update]'. The main content area has a title 'Reset Password' and three input fields labeled 'Current Password', 'New Password', and 'Confirm Password'. A blue button labeled '[saveBtnTxt]' is positioned below the input fields.

iv. Change the IP address of the server

To change the IP address of a server, perform the following steps:

- Click "IP Setting" in the background of the web page to enter the IP configuration page of the server, and select "Static" in the protocol bar
- Enter the IP address, subnet mask, gateway, DNS server, and other information in the following four boxes

Click the "SAVE" button to save (as shown in the image below)

The screenshot displays the 'IP Setting' page of a web interface. The browser's address bar shows the URL '192.168.0.51/#ip'. The left sidebar contains a menu with 'Dashboard', 'Settings', 'IP Setting' (highlighted), and 'System'. The main content area is titled 'IP Setting' and contains a 'Network Information' section with details for 'eth0': MAC-Address b8:4c:87:ef:a0:04, IP Address: 192.168.0.51, and Subnet Mask: 255.255.255.0. Below this, there are input fields for 'Hostname' (containing 'px30_64'), 'Protocol' (a dropdown menu set to 'Static'), and four empty input fields labeled '[ipAddress]', '[ipSub]', '[ipGateway]', and '[ipDns]'. A blue button labeled '[saveBtnTxt]' is positioned at the bottom right of the configuration area.

i. Configuring a Mining Pool Miner (Taking a FishPool as an Example)

The steps to configure a server to connect to a pool miner are as follows:

- Click "Setting" in the background of the web page to enter the mining pool miner configuration page

- Enter the mining pool address, miner name and password you want to connect to in turn (optional, use the default), and support the configuration of up to three mining pool addresses
- The fan speed percentage can be adjusted, so it is recommended to keep it as default. If you do not select the fan speed percentage, the server automatically adjusts the fan speed
- After the configuration is completed, click the "SAVE" button to save it (as shown in the figure below)

The screenshot shows the web interface for configuring mining pools. The sidebar on the left contains links to Dashboard, Settings, IP Setting, and System (which is expanded). The main content area is titled 'FALCON_RX01' and includes a 'poolTabTitle' section. This section contains three rows for configuring mining pools, each with fields for 'Mining Address', 'Miner Name', and 'Password(optional)'. The first two rows have pre-filled values: 'stratum+tcp://tc:qpool.com:8888' and 'jqmao1014.51' with password '123'. The third row has 'stratum+tcp://tc:qpool.com:3335' and 'jqmao1014.51'. Below the pool configuration is a 'setup' section with a checkbox for 'bitmain-fan-cs' and a value of '100'. A blue 'save(btnTxt)' button is located at the bottom of the configuration area.

i. Browse the background running status of the web page

Through the web client, you can view the network connection status of the current server and other information. After about 30 minutes of server running, the state tends to stabilize

Miner

Dashboard

Miner

IP

Update

Password

Miner

Rate

normal

Network

normal

Fans

normal

Temp

normal

Pool

index	minerName	minerPool	Diff	Priority	Accepted	DiffA	DiffR	Rejected	Stale	LSDiff	LSTime
0	jqmao1014.41	Alive		0	22070	1048576	0	0	56	1048576	00:01:07
1	jqmao1014.41	Unreachable		1	13837	0	0	0	18	0	
2	jqmao1014.41	Unreachable		2	30057	1048576	0	0	54	1048576	00:00:24

Miner

hashPlate	chipNum	hwNum	runFrequency	picTem	chipState
0	0	0	0	65000/66187	normal
1	255	255	65535	63625/66312	normal
2	0	0	0	63437/66875	normal
3	0	0	0	64312/68375	normal

firmwareVersion: V0.0.2 , ipAdress: 192.168.0.41 , MAC: b8:4c:87:ef:a0:00 , firmwareType: Release

RESTORE

REBOOT

4.DG Home 1 SERVER CERTIFICATION INFORMATION

Notice:

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference.
- (2) This device must accept any interference received, including interference that may cause undesired operation.

CAN ICES-003(A) / NMB-003(A)

FCC ID:2BLIKDGHOME1

IC:33097-DGHOME1

Note:

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules.

These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment.

This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a

residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

5.NOTE

1. This equipment should only be used by trained or skilled personnel;
2. The power cord of the equipment need be connected to an output outlet with a ground connection.

FCC Statement

1. This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference.

(2) This device must accept any interference received, including interference that may cause undesired operation.

2. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules.

These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

Reorient or relocate the receiving antenna.

Increase the separation between the equipment and receiver.

Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

Consult the dealer or an experienced radio/TV technician for help.

To comply with RF exposure requirements, a minimum separation distance of 20cm must be maintained between the user's body and the device, including the antenna.

IC STATEMENT

This device complies with Industry Canada licence-exempt RSS standard(s)

Operation is subject to the following two conditions:

- (1) This device may not cause interference, and
- (2) This device must accept any interference, including interference that may cause undesired operation of the device.

This equipment complies with IC radiation exposure limits set forth for an uncontrolled environment. End user must follow the specific operating instructions for satisfying RF exposure compliance. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

To comply with RF exposure requirements, a minimum separation distance of 20cm must be maintained between the user's body and the device, including the antenna.

Ce dispositif est conforme aux normes autoriser-exemptes du Canada RSS d'industrie

L'exploitation est autorisée aux deux conditions suivantes :

- (1) l'appareil ne doit pas produire de brouillage, et
- (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement. Cet équipement est conforme avec l'exposition aux radiations IC définies pour un environnement non contrôlé. L'utilisateur final doit respecter les instructions de fonctionnement spécifiques pour satisfaire la conformité aux expositions RF. Cet émetteur ne doit pas être co-localisées ou opérant en conjonction avec une autre antenne ou transmetteur.