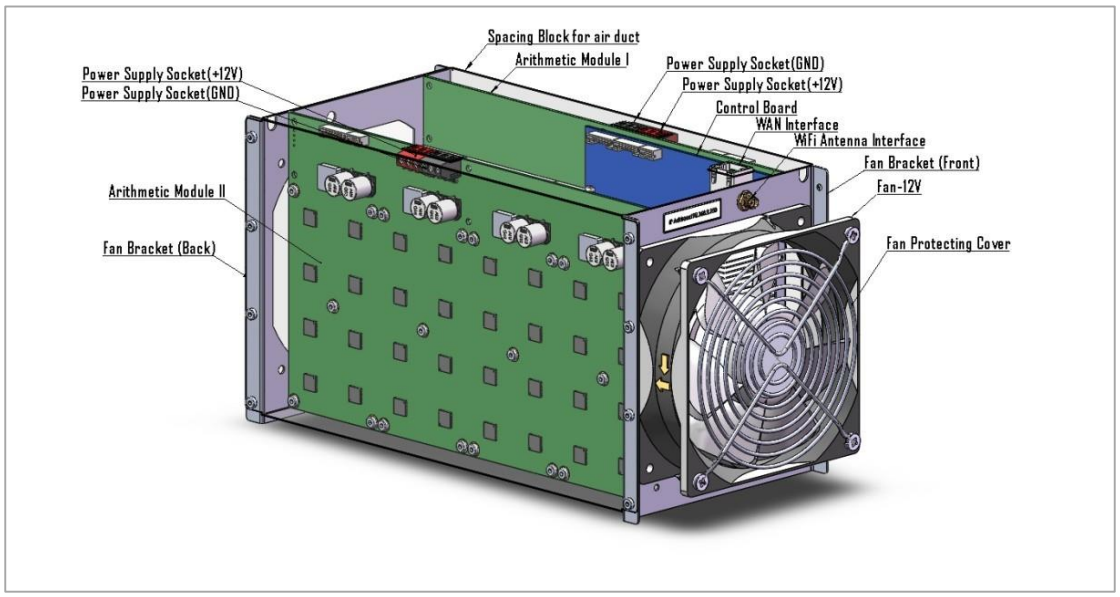
BITMAIN

S1 Server Manual

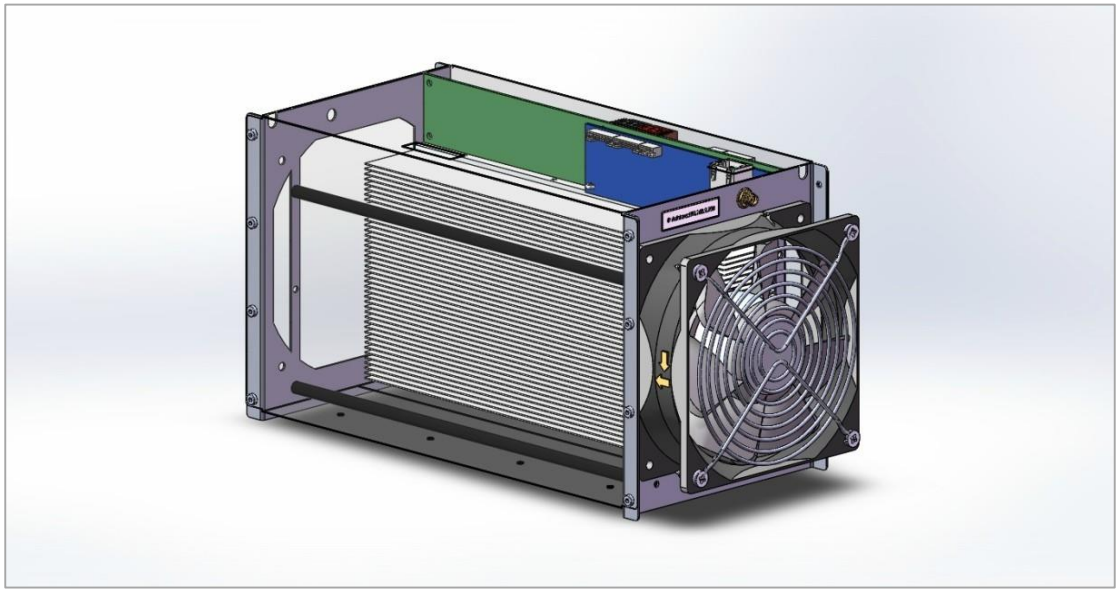
Contents

1 The first glance

S1 Server is a blade style server, which contains two blades. It has been assembled before Fab out. Bellow screen shows all S1's components:



One blade server can work separately, it is showed in bellow:



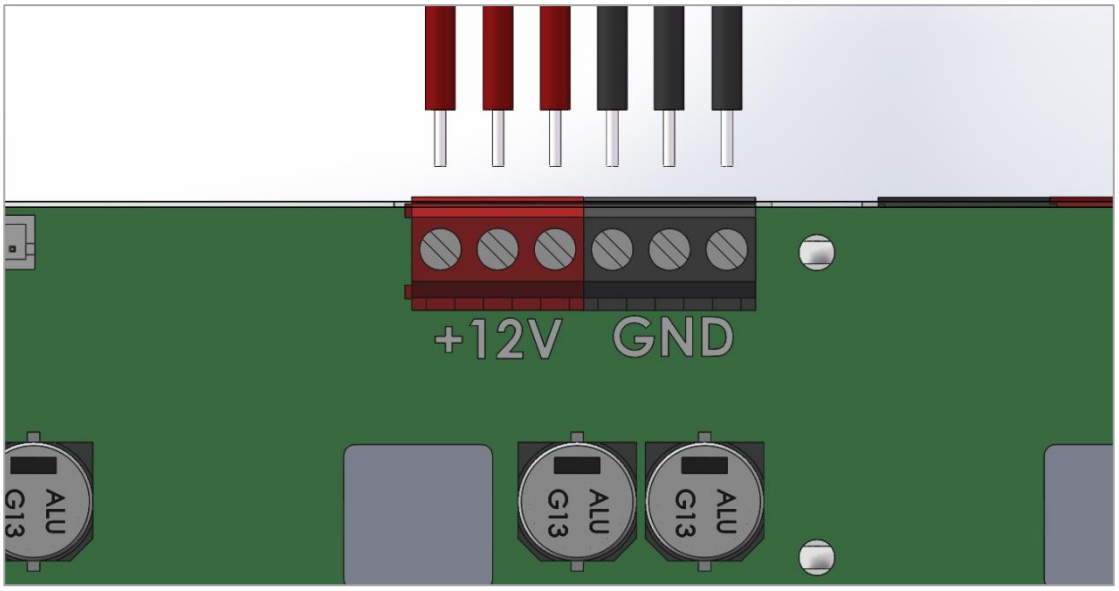
Notice:

1. You should prepare your own ATX Power Supply.

2. To connect your server via WIFI, you should prepare your own WIFI antenna.

2 Power Supply

Connect the 12V Power line to the Power Supply socket. Note not to reverse positive (+12V) to negative (GND).



3 Connect to Server

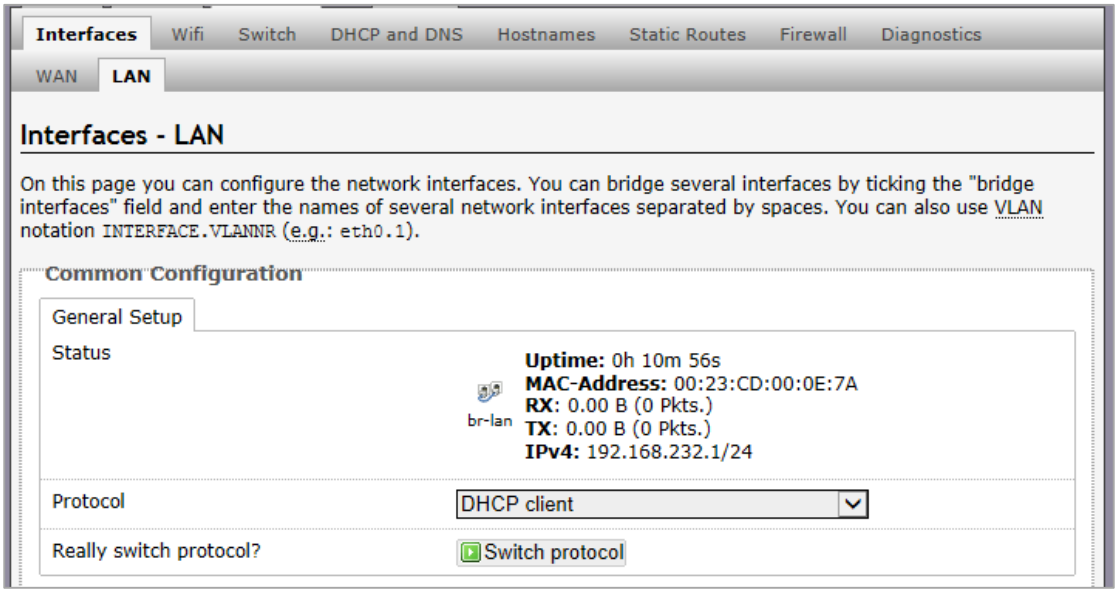
3.1 WAN setting

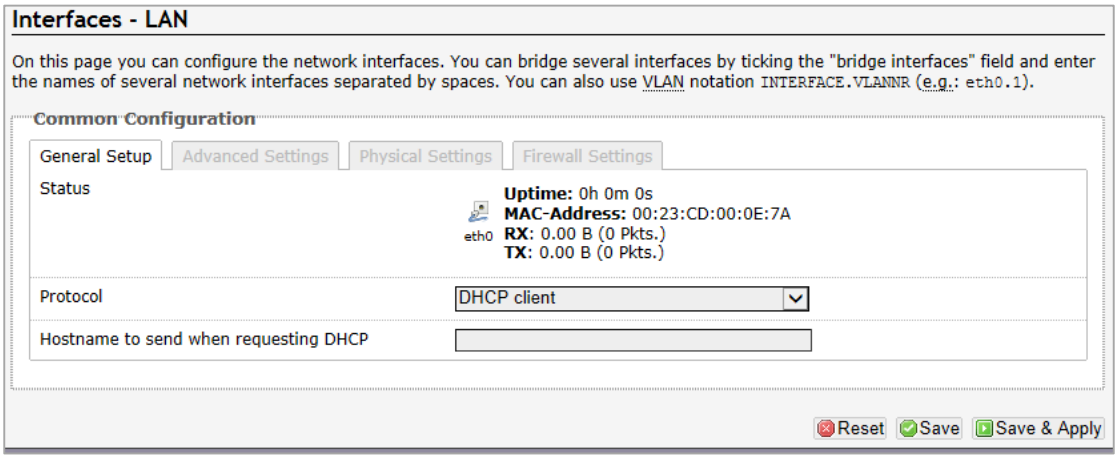
Step 1. Read the IP address labeled in the Fan Bracket (Front). Manually set up your PC's IP address in the network segment same as the server's IP address.

Step 2. Connect server and your PC via network cable.

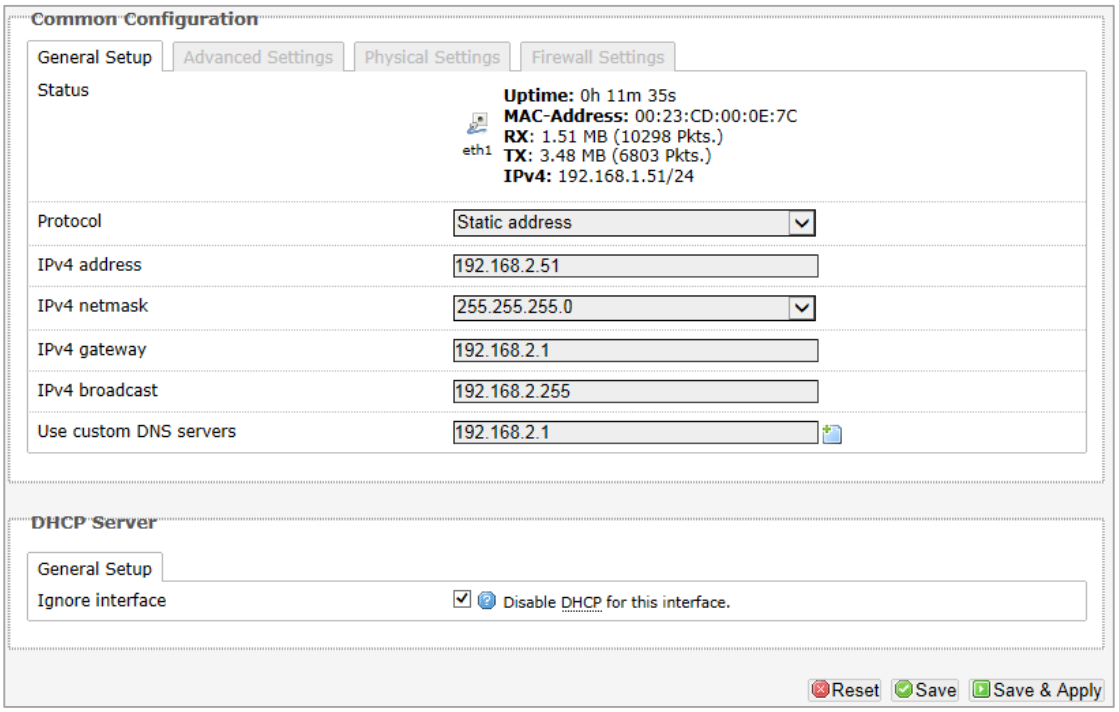
Step 3. Enter server's IP address into your web browser, then login server management interface, both of username and password is 'root' by default.

Step 4. Set LAN as DHCP client. Click "Network->Interface->LAN", select DHCP client as the following page, and then click "Switch Protocol", and then click "Save & Apply". **The default LAN value of the first several batch is fixed to 192.168.1.1, and WAN address can't be set as 192.168.1.x, otherwise the server can't be accessed.** If your server's LAN is set as DHCP by default, please ignore this step.





Step 5. Modify the IP address of the WAN interface. Click “Network->Interface->WAN” to modify the IP address of WAN in the following page.



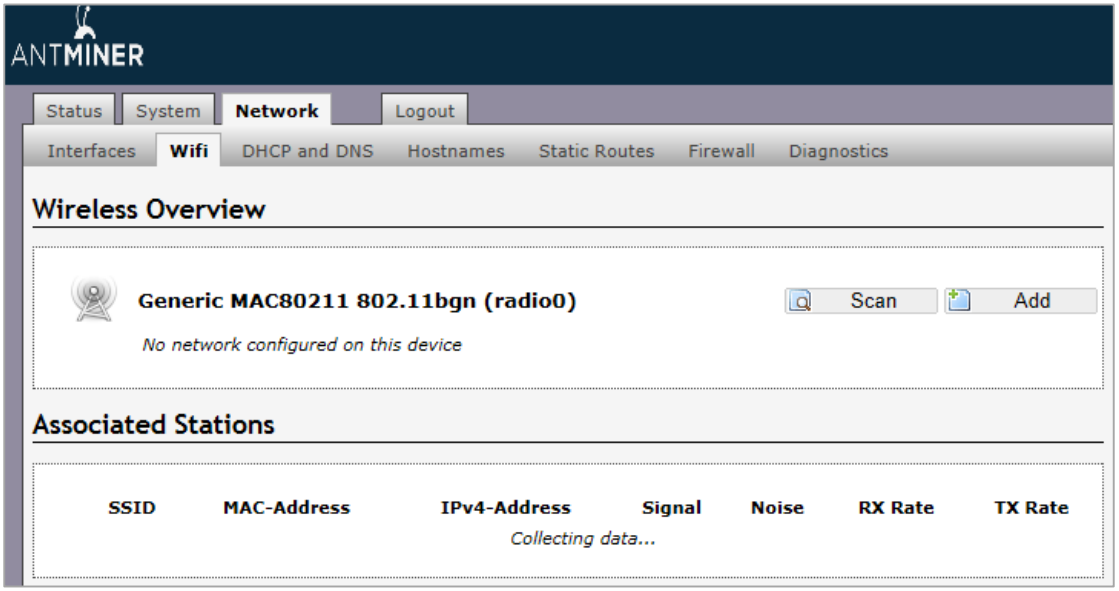
Note:

1. **WAN and LAN can’t be at the same network segment. Please set WAN to DHCP client or different network segment with WAN. The LAN of new version of server will be set to DHCP by default.**
2. **If you set fixed IP to WAN interface, please remember it, otherwise you may not access the server.**

3.2 WIFI setting

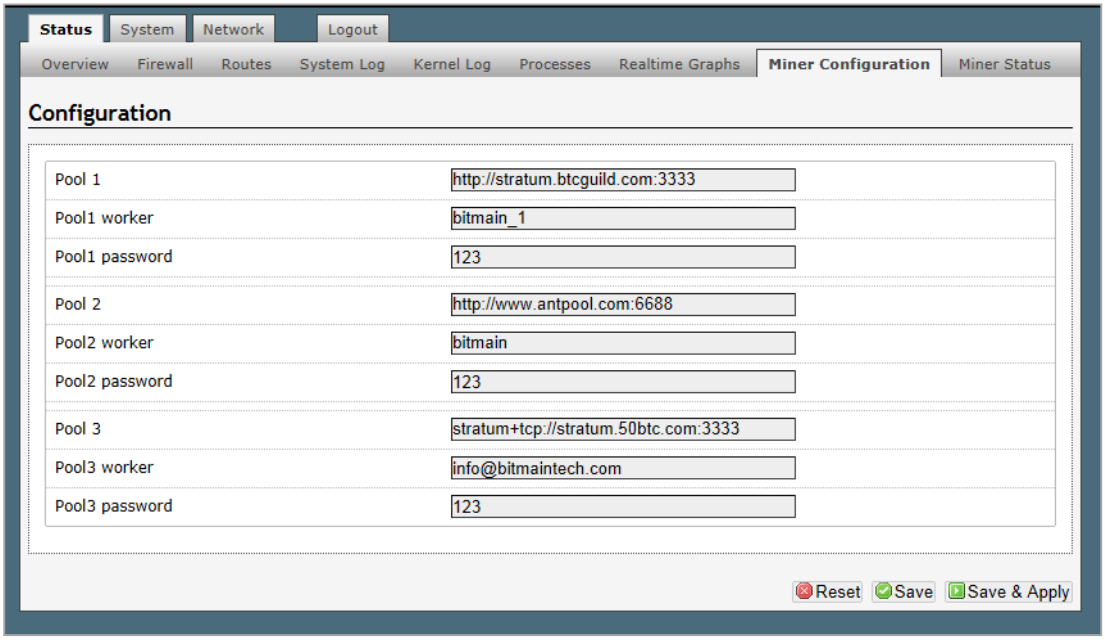
There is WIFI built in the server, and it can be used to connect to the Ethernet via another WIFI hot point. Note: Bad WIFI performance will reduce the server's hash rate. You have to prepare the WIFI antenna by yourself.

Through "Network->Wifi" you can click "Scan" and then add the exist WIFI signals in your enviornment.



4 Pool Setting

Through 'Status->Configuration ', you will be able to configure your server.
Pool URL- you should enter the URL of your desired pool.
Worker- this is your worker ID on the selected pool.
Password- this is the password for your selected worker. In general password can be set casually.
Comment: The server can set up three mine pools, the priority decreases from first pool (pool 1) to third pool (pool 3). **The low priority pool will start to work, only when the high priority pool encounter fault.**



5 Server Status

Click the status marked below, you will be able to check your server running status.

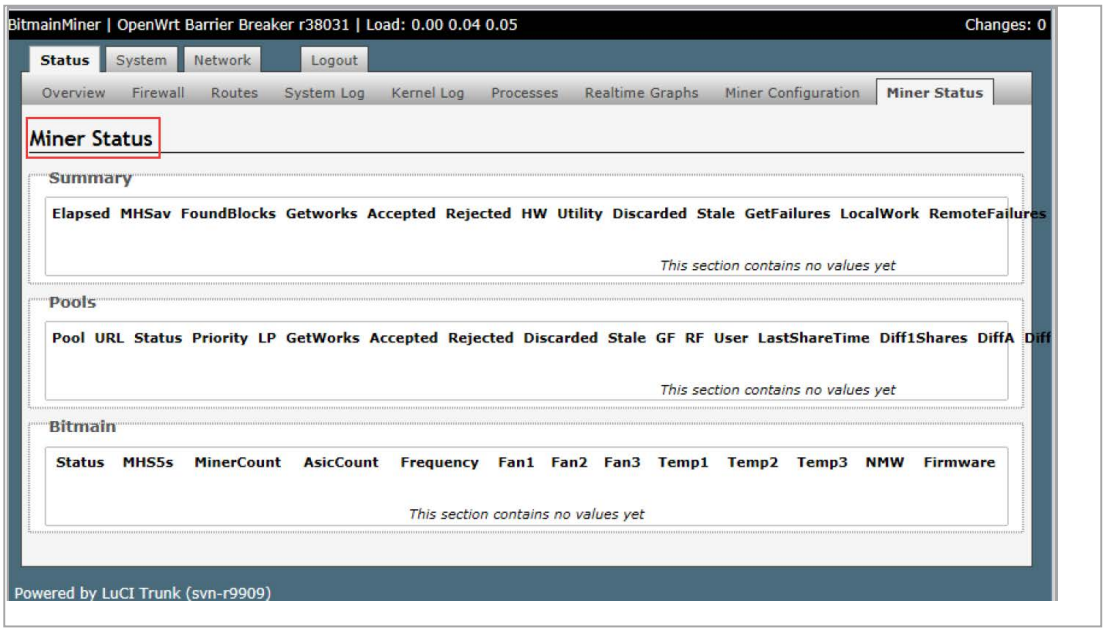
ASIC#: ASIC number in the chain

Fan: Fan speed

Temp: Temperature, centigrade

Frequency: ASIC setting frequency

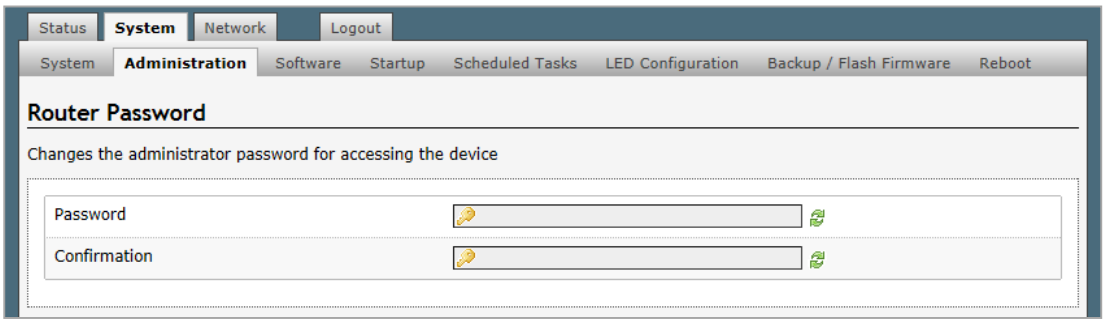
ASIC status: o stands for OK, x stands for error.



6 System Configuration

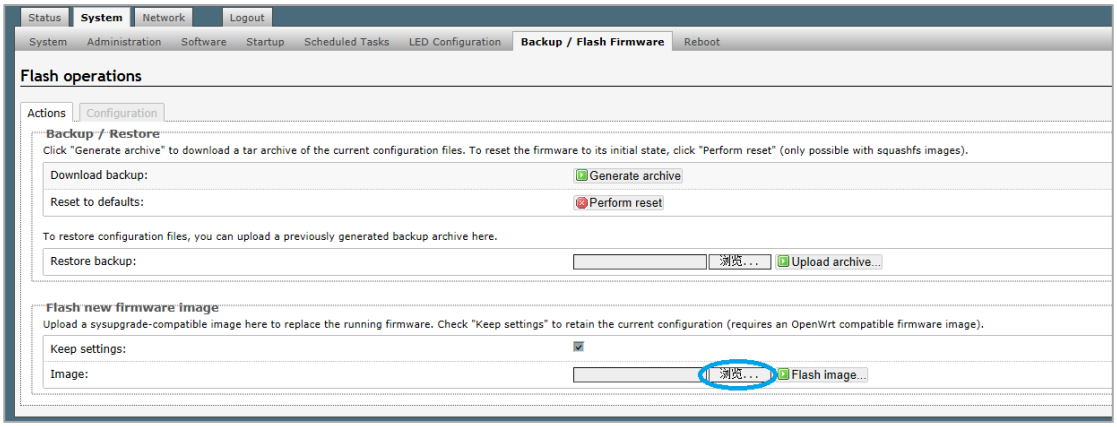
6.1 Password Modification

Through 'System->Administration', you will be able to modify the server login password, and choose 'Save' and 'Save and Apply' after modifying it.



6.2 System Upgrading

Through 'System->Backup / Flash Firmware' you will be able to upgrade your server.



'Keep setting' is chosen by default, you should choose it if you hope to preserve the current settings. You should cancel this option if you hope to restore to initial settings.

Click 'Browse' button to choose upgrade file. After choosing upgrade file, then click 'Flash image...' button to start downloading this file to your system. After downloading, please click 'Proceed' button, then upgrade system. During the upgrade process, you need to **wait patiently, and must keep power on, otherwise, the server will restore to initial settings.** The server will be connected to login interface after finishing system upgrade.

Regulation:

FCC Notice (FOR FCC CERTIFIED MODELS):

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

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.

EU WEEE: Disposal of Waste Equipment by Users in Private Household in the European Union

This symbol on the product or on its packaging indicates that this product must not be disposed of with your other household waste. Instead, it is your responsibility to dispose of your waste equipment by handling it over to a designated collection point for the recycling of waste electrical and electronic equipment. The separate collection and recycling of your waste equipment at the time of disposal will help to conserve natural resources and ensure that it is recycled in a manner that protects human health and the environment. For more information about where you can drop off your waste equipment for recycling, please contact your local city office, your household waste disposal service or the shop where your purchased the product.

台湾 ROHS:

設備名稱: ，型號:

單元	有害物质					
	鉛 (Pb)	汞 (Hg)	鎘 (Cd)	六價鉻 (Cr+6)	多溴聯苯 (PBB)	多溴二苯醚 (PBDE)
外殼	○	○	○	○	○	○
電路板組件	—	○	○	○	○	○
其他線材	—	○	○	○	○	○

備考 1. "超出 0.1 wt %" 及 "超出 0.01 wt %" 係指限用物質之百分比含量超出百分比含量基準
值。
備考 2. "○" 係指該項限用物質之百分比含量未超出百分比含量基準值。
備考 3. "—" 係指該項限用物質為排除項目