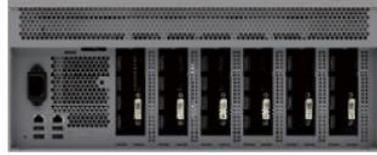Quad Core Processor

4G HighSpeed Memory

64G SSD

6xRX470/570 4G Graphic card

1320W/1350W Power

Intelligent fan system

Automatic recovery

The call starts automatically

Dual Gigabit Ethernet card

Removable dust filter

Windows/Linux Ubuntu support

Pioneer DreamMicro Crypto Currency Mining HPC 6X

Standard Structure, cab be install directly into 19" Cabinet
Suitable for rapid deployment and migration

```
CR: GPU0 271.896 Mh/s, GPU1 272.378 Mh/s, GPU2 272.284 Mh/s, GPU3 272.182 Mh/s, GPU4 272.198
TH: 03/21/17-13:23:36 - New job (target 0x00000000ffffffff) from eth.f2pool.com:8008
TH - Total Speed: 162.975 Mh/s, Total Shares: 132, Rejected: 2, Time: 01:08
TH: GPU0 27.233 Mh/s, GPU1 27.241 Mh/s, GPU2 26.957 Mh/s, GPU3 27.238 Mh/s, GPU4 27.070 Mh/s,
DCR - Total Speed: 1629.743 Mh/s, Total Shares: 152, Rejected: 1
DCR: GPU0 272.328 Mh/s, GPU1 272.406 Mh/s, GPU2 269.574 Mh/s, GPU3 272.375 Mh/s, GPU4 270.703
TH: 03/21/17-13:23:41 - SHARE FOUND - (GPU 5)
TH: Share accepted (63 ms)!
TH: 03/21/17-13:23:42 - SHARE FOUND - (GPU 5)
TH: Share accepted (63 ms)!
```
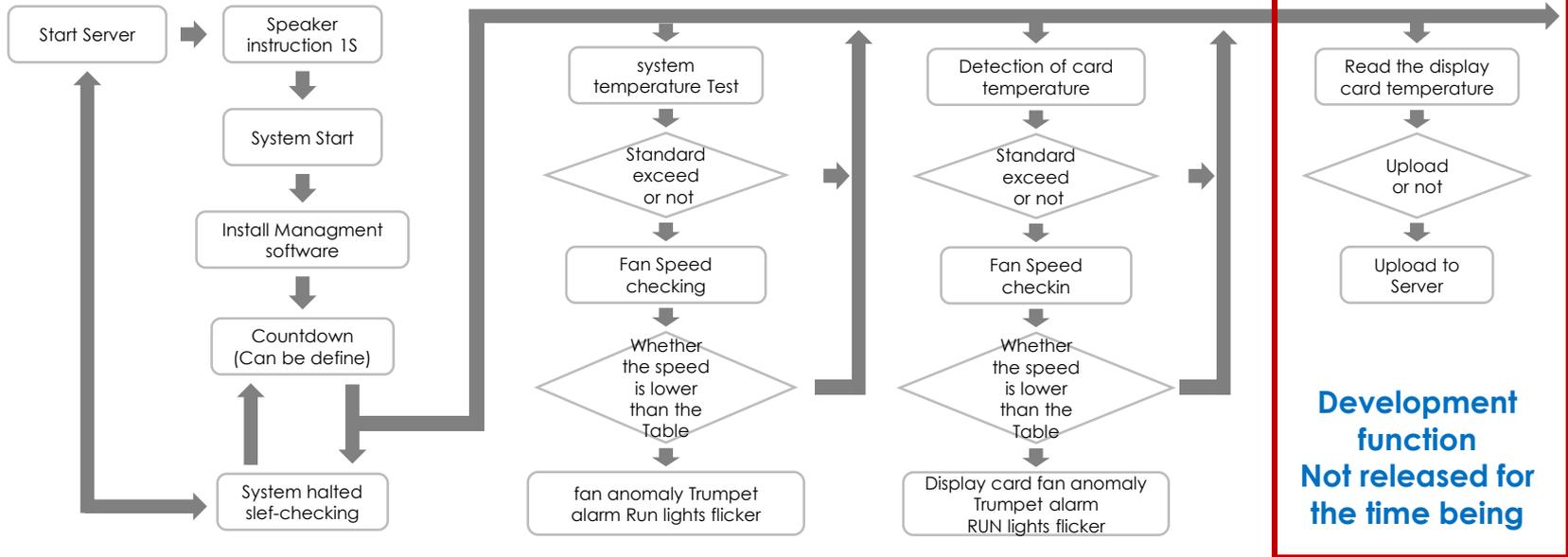
ETH 156Mh /s & DCR 3000Mh/s Dualminer Upper wall power consumption 1050W

Caculation Capacity will be difference based on different software using together with machine. Please be kindly informed.

Capacity

156Mh/s Ethereum(ETH) Ethash Algorithm
ETH/ETC/EXP/UBQ

1560 h/s Zcash(ZEC) Equihash Algorithm
ZEC/ZCL/ZDASH/KMD

3960 h/s Monero(XMR) CryptoNight Algorithm
XMR/KRB/BIP/XDN

9600 Mh/s Decred(DCR) Blake (14r) Algorithm
DCR

31.8 Mh/s Sibcoin(SIB) X11Gost Algorithm
SIB

3360 Mh/s Pascalcoin(PASC) Pascal Algorithm
PASCAL

480 Mh/s LBRY(LBC) LBRY Algorithm
LBC

Crash recovery automatically
Crash, blue screen, system card death
Auto restart in one minute
System horn prompt boot

```
Start Server → Speaker instruction 1S
                      ↓
                System Start
                      ↓
            Install Managment software
                      ↓
            Countdown (Can be define)
                      ↓
            System halted slef-checking
```

```
system temperature Test
        ↓
Standard exceed or not
        ↓
Fan Speed checking
        ↓
Whether the speed is lower than the Table
        ↓
fan anomaly Trumpet alarm Run lights flicker
```

```
Detection of card temperature
        ↓
Standard exceed or not
        ↓
Fan Speed checkin
        ↓
Whether the speed is lower than the Table
        ↓
Display card fan anomaly Trumpet alarm RUN lights flicker
```

```
Read the display card temperature
        ↓
Upload or not
        ↓
Upload to Server
```

**Development function
Not released for
the time being**

Light on instruction Board

Light

After startup, the software of the mine machine starts automatically, and the Run lights are activated automatically. Through the Run lights, the whole machine state can be quickly understood, and more practical functions can be acquired in upgrading the software.
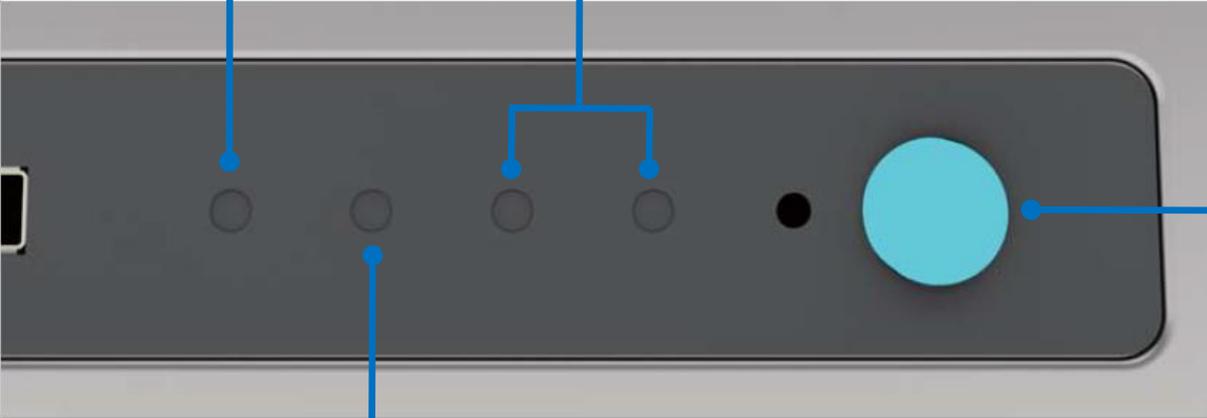
Light

Real-time display of each network port to receive and receive state, quickly determine the network connection state

Light

Start the machine with the PWR light, the boot is bright, the blue light distance marks the server's boot state
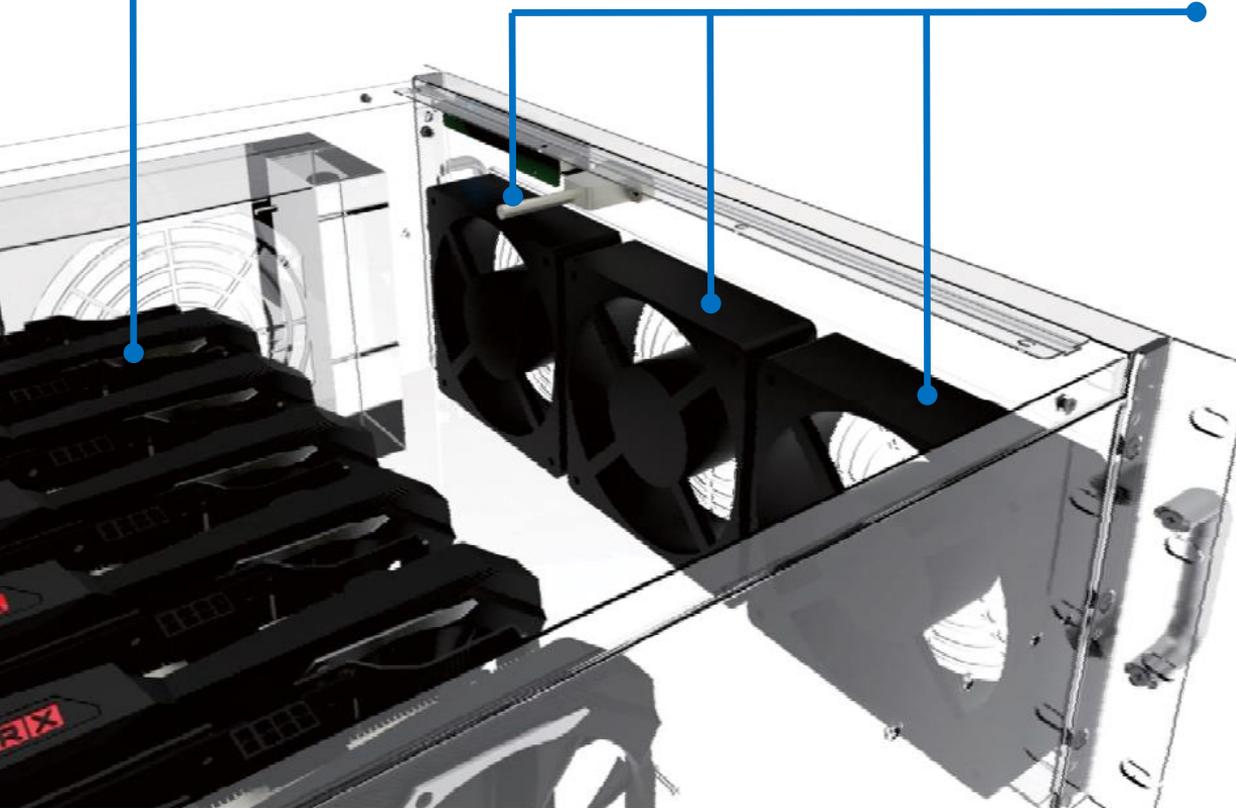
Light

Hard disk instruction light, mineral soft normal running will do regular flashing, can indicate the operating state of the mining machine software

The card fan can adjust the speed to prolong life according to the Target Temp index.

The fan is intelligently adjusted to the speed of the fan based on the developing temperature of the card to obtain the balance of noise and efficiency.
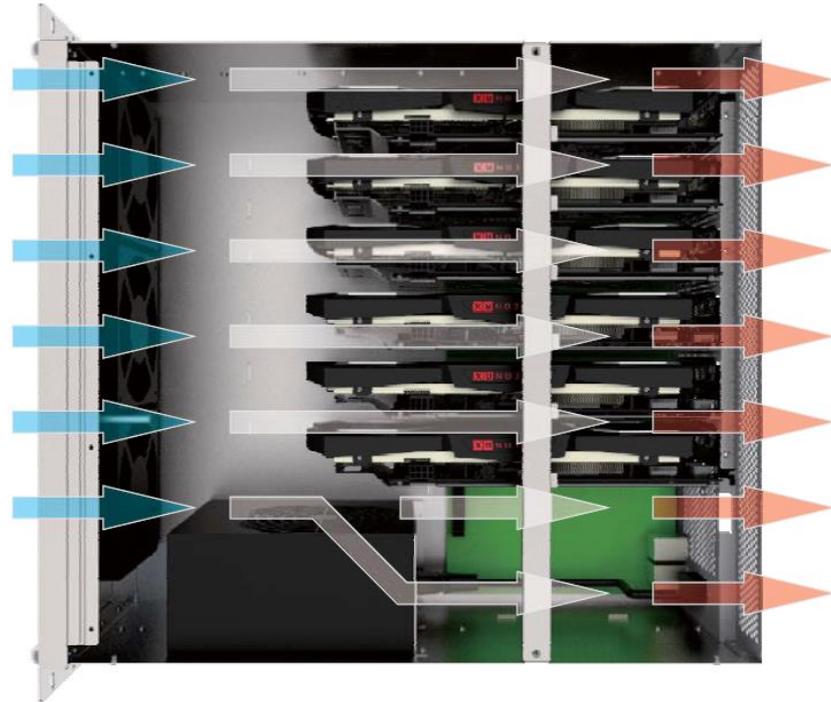
Intelligent fan system

All air cooling design
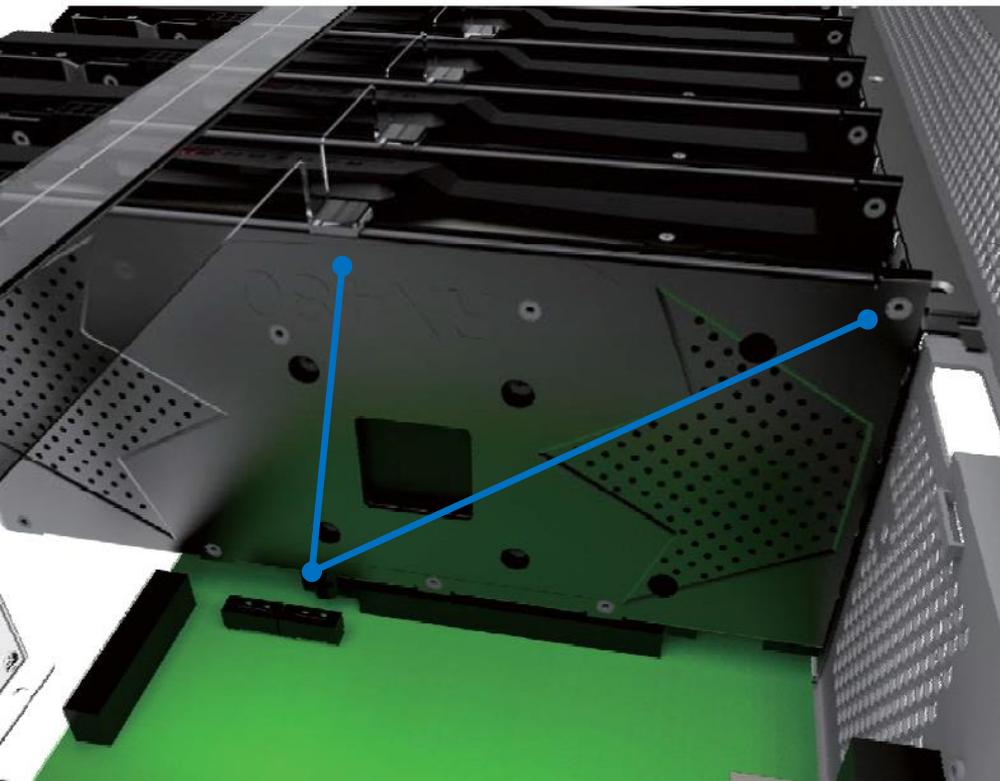
Design for uninterrupted operation of products

Ensure that every key point is not consumed by overheating over the long term

No matter the line body, the power interface, the hard disk or the main board or even the power itself, it is covered by the air duct.

Cooling→ Initial Filter→ Fan Pressurization→ Line→ Power Interface Heat Disspation of graphic card

Cooling→ Initial Filter→ Fan Pressurization→ Line→ Fan for Power→Memory→CPU heat disspation

Three points structure fixed

Three point fixed card fixed

Global seismic design

Eliminate the possibility of PCIE connector disengagement

Cable cluster locking

Reduce the hidden danger of virtual connection

Dual Gigabit Redundancy

Double gigabit network card design, main network card is damaged, secondary network card can quickly replace access, also can set different uses, one as output, one for remote management. Different usage, let you choose.

Dust filter system

Magnetic suction filter system for large batch and rapid dismantling design,It is made up of a magnetic suction bar and a sponge.No screw disassembly, can achieve a large batch of operation of a person to dismantle, a minute to remove more than N.

The dust filter sponge can be cleaned and re used, but because the cleaning will reduce the filter, it is not recommended that the number of cleaning more than five times. Low cost can be discarded materials and can be selected online.

Dust filter size 360x120x3mm, material property 50ppi, can filter most dust. The dual color magnetic strip can indicate the replacement period, which is convenient for management.

Unattended Operation

Auto-start

At any time, the call is monitored, the call is automatically started, and the manual intervention is not necessary to filter the wrong action of the caller.

Batch startup

The packets into the system countdown time, when the power is restored, without manual, can be realized, with large quantities of the server, and reduce power transformer on impact.

In the intelligent fan mode, the noise of one meter is only 67.3db

Specification

Barebone

Motherboard	6PCIE Server Motherboard
CPU	Quad Core Processor
Memmory	4G DDR3 High speed memory UDIMM
HDD	64G MSATA SSD
PSU	1320W/1350W PSU
FAN	3x12308 4PIN Fan for Server system
Power	AC 220 10A Plugged in and locked in a lengthening belt
Interface	2xUSB2.0 Socket and light indicator panel with Power lamp

Rear Interface

Ethernet	2xgigabit lan, RJ45port
USB3.0	2xUSB3.0Ultra high speed interface，compatible with USB 2.0 Agreement
USB2.0	2xUSB2.0 High speed interface，compatible with USB 1.0 Agreement
CMOS	A CMOS Clear button for cleaning BIOS
AC	An international AC220V 10A socket

Accessory

Handle	2pcs accessory with screw on it
Power	1pcs AC220 10A 3wire power supply, Standard offer CN
Magnetic suction bar	2pcs 15CM by Green，2pcs 15CM by Yellow
Dust filter	2pcs 360x120x3mm 50ppi Sponge

Weight & Dimension

Dimension on Product	482x500x176mm,as 4U standard server
Dimension with packing	580x546x306mm,5 floor,with Cushioning cotton
Net Weight	16.5KG
Gross Weight	18.5KG

Front panel interface

USB2.0	2 xUSB2.0 High Speed Connecter，compatible with USB 1.0 Agreement
Reset	Reset key x1
Power	On & Off key with blue instruction light