# BITMAIN



# T17e Server Installation Guide

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# **Table of Contents**

| 1. Overview                        | 4  |
|------------------------------------|----|
| 1.1 T17e Server Components         | 5  |
| 1.2 Specifications                 | 7  |
| 2. Setting Up the Server           |    |
| 3. Configuring the Server          |    |
| 4. Monitoring Your Server          |    |
| 5. Administering Your Server       |    |
| 5.1 Checking Your Firmware Version |    |
| 5.2 Upgrading Your System          |    |
| 5.3 Modifying Your Password        | 16 |
| 5.4 Restoring Initial Settings     | 16 |
| Environmental Requirements         |    |
| Regulations                        |    |

# 1. Overview

The T17e server is Bitmain's newest version in the 17e server series. Power supply APW9+ is part of T17e server. All T17e servers are tested and configured prior to shipping to ensure easy set up.



# **Caution:**

1. The equipment must be connected to an earthed mains socket-outlet. The socket-outlet shall be installed near the equipment and shall be easily accessible.

2. The equipment has two power inputs, only by connecting those two power supply sockets simultaneously can the equipment run. When the equipment is powered off, be sure to power off all power inputs.

3. Please refer to the layout above to place your goods in usage in case of any damage.

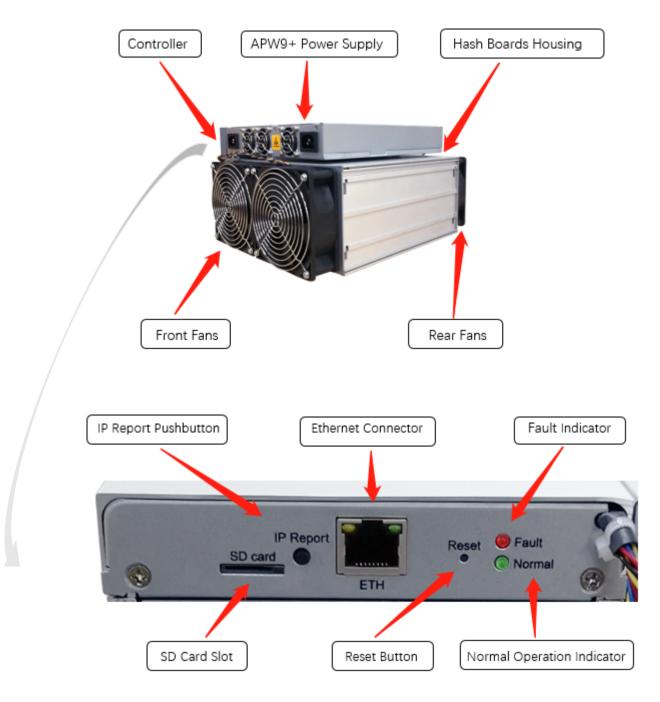
4. DO NOT remove any screws and cables tied on the product.

5. DO NOT PRESS the metal button on the cover.



# 1.1 T17e Server Components

The main components and controller front panel of T17e servers are shown in the following figure:





# **APW9+ Power Supply:**



#### Note:

1.Power supply APW9+ is part of T17e server. For detailed parameters, please refer to the specifications below.

2.Additional two power cords are needed.



# **1.2 Specifications**

# Model No.: 266-Aa Version: T17e

| Product Glance                                 | Value          |
|--|----------------|
| Crypto Algorithm/Coins                         | SHA256/BTC/BCH |
| Hashrate, <b>TH/s</b>                          | 50.00          |
| Reference power on wall, Watt                  | 2750           |
| Reference power efficiency on wall @25°C, J/TH | 55.00          |

| Detailed Characteristics  |       | Value                |       |  |  |  |  |
|---|-------|----------------------|-------|--|--|--|--|
| Detailed characteristics  | Min   | Тур                  | Max   |  |  |  |  |
| Hashrate & Power  | -     |                      | •     |  |  |  |  |
| Hashrate, <b>TH/s</b>   |       | 50.00                | 52.95 |  |  |  |  |
| Power efficiency on wall @25°C, J/TH  | 55.00 |                      | 60.50 |  |  |  |  |
| Power efficiency on wall @40°C, J/TH  | 61.17 |                      | 67.29 |  |  |  |  |
| Power on wall, <b>Watt (1-1)</b>  | 2750  |                      | 3563  |  |  |  |  |
| Power supply AC input voltage, <b>Volt</b> <sup>(1-2)</sup>                   | 200   | 220                  | 240   |  |  |  |  |
| Power supply AC input current, <b>Amp</b> <sup>(1-3)</sup>                    |       | 12.50                | 17.82 |  |  |  |  |
| Power supply Input AC Frequency Range, <b>Hz</b>                              | 47    | 50                   | 63    |  |  |  |  |
| Hardware Configuration  |       | •                    |       |  |  |  |  |
| Quantity of hash chips  |       | 234                  |       |  |  |  |  |
| Quantity of hash boards   | 3     |                      |       |  |  |  |  |
| Networking connection mode  | R     | J45 Ethernet 10/100M | 1     |  |  |  |  |
| Server Size (Length*Width*Height, w/o<br>package), <b>mm</b> <sup>(2-1)</sup> |       | 298.2*178*304.3      |       |  |  |  |  |
| Net weight, <b>kg</b> <sup>(2-2)</sup>  | 9.90  |                      |       |  |  |  |  |
| Noise, <b>dBA</b> @25° <b>C</b> <sup>(2-3)</sup>                              |       | 82                   |       |  |  |  |  |
| Environment Requirements  |       |                      | -     |  |  |  |  |
| Recommended operation temperature,°C  | 5     | 25                   | 35    |  |  |  |  |
| Max operation temperature, °C   | 0     | 25                   | 40    |  |  |  |  |



| Storage temperature,°C        | -20 | 25 | 70  |
|-------------------------------|-----|----|-----|
| Operation humidity, <b>RH</b> | 10% |    | 90% |

# Notes:

- (1-1) Min condition: 25°C, min J/TH, typical hashrate Max condition: 40°C, max J/TH, max hashrate
- (1-2) Caution: Wrong input voltage may probably cause server damaged
- (1-3) Typ condition: min reference power, typical AC input voltage Max condition: max reference power, min AC input voltage
- (2-1) Including PSU size
- (2-2) Including PSU weight
- (2-3) Max condition: Fan is under max RPM(rotation per minute)



# Model No.: 266-Aa

Version: T17e

| Product Glance                                 | Value          |
|--|----------------|
| Crypto Algorithm/Coins                         | SHA256/BTC/BCH |
| Hashrate, <b>TH/s</b>                          | 53.00          |
| Reference power on wall, <b>Watt</b>           | 2915           |
| Reference power efficiency on wall @25°C, J/TH | 55.00          |

| Detailed Characteristics   |                 | Value               |       |  |  |  |
|--|-----------------|---------------------|-------|--|--|--|
| Detailed Characteristics   | Min             | Тур                 | Max   |  |  |  |
| Hashrate & Power   |                 |                     |       |  |  |  |
| Hashrate, <b>TH/s</b>  |                 | 53.00               | 55.95 |  |  |  |
| Power efficiency on wall @25°C, J/TH   | 55.00           |                     | 60.50 |  |  |  |
| Power efficiency on wall @40°C, J/TH   | 61.60           |                     | 67.76 |  |  |  |
| Power on wall, <b>Watt</b> <sup>(1-1)</sup>                                  | 2915            |                     | 3791  |  |  |  |
| Power supply AC input voltage, <b>Volt</b> <sup>(1-2)</sup>                  | 200             | 220                 | 240   |  |  |  |
| Power supply AC input current, <b>Amp</b> (1-3)                              |                 | 13.25               | 18.96 |  |  |  |
| Power supply Input AC Frequency Range, <b>Hz</b>                             | 47              | 50                  | 63    |  |  |  |
| Hardware Configuration   |                 |                     | -     |  |  |  |
| Quantity of hash chips   |                 | 234                 |       |  |  |  |
| Quantity of hash boards  |                 | 3                   |       |  |  |  |
| Networking connection mode   | R               | J45 Ethernet 10/100 | Μ     |  |  |  |
| Server Size (Length*Width*Height, w/o<br>package), <b>mm<sup>(2-1)</sup></b> | 298.2*178*304.3 |                     |       |  |  |  |
| Net weight, <b>kg</b> <sup>(2-2)</sup>                                       |                 | 9.90                |       |  |  |  |
| Noise, <b>dBA</b> @25° <b>C</b> <sup>(2-3)</sup>                             |                 |                     | 82    |  |  |  |
| Environment Requirements   |                 |                     |       |  |  |  |
| Recommended operation temperature,° <b>C</b>                                 | 5               | 25                  | 35    |  |  |  |
| Max operation temperature, °C  | 0               | 25                  | 40    |  |  |  |
| Storage temperature,° <b>C</b>   | -20             | 25                  | 70    |  |  |  |
| Operation humidity, <b>RH</b>  | 10%             |                     | 90%   |  |  |  |



# Notes:

- (1-1) Min condition: 25°C, min J/TH, typical hashrate Max condition: 40°C, max J/TH, max hashrate
- (1-2) Caution: Wrong input voltage may probably cause server damaged
- (1-3) Typ condition: min reference power, typical AC input voltage Max condition: max reference power, min AC input voltage
- (2-1) Including PSU size
- (2-2) Including PSU weight
- (2-3) Max condition: Fan is under max RPM(rotation per minute)



2.Setting Up the Server

# 2. Setting Up the Server

# To set up the server:



The file IPReporter.zip is supported by Microsoft Windows only.

## 1. Go to the following site:

https://shop.bitmain.com/support.htm?pid=00720160906053730999PVD2K0vz0693

- 2. Download the following file: IPReporter.zip.
- 3. Extract the file.

0

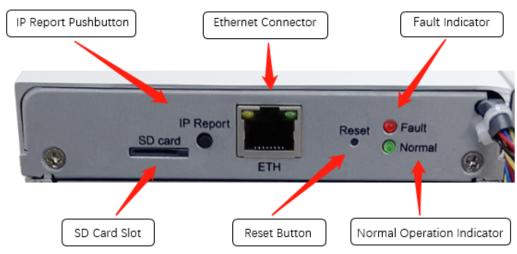
The default DHCP network protocol distributes IP addresses automatically.

- 4. Right-click **IPReporter.exe** and run it as Administrator.
- 5. Select one of the following options:
  - Shelf, Step, Position suitable for farm servers to mark the location of the servers.
  - Default suitable for home servers.
- 6. Click Start.

| Shelf 1                            | Step         | 1         | Position | 1       | Start |
|------------------------------------|--------------|-----------|----------|---------|-------|
| Information                        |              | -         |          |         |       |
| NO. IF                             | 1            |           | 28       | IAC     |       |
| this is suitable<br>if you're home |              |           |          |         |       |
| Il you're nome                     | e miner, you | may leave |          | urecuy. |       |
|                                    |              |           |          |         |       |
|                                    |              |           |          |         |       |
|                                    |              |           |          |         |       |
|                                    |              |           |          |         |       |
|                                    |              |           |          |         |       |
|                                    |              |           |          |         |       |
| <                                  |              |           |          |         | >     |
| ٢                                  |              |           |          |         | >     |
| <                                  |              |           |          |         | >     |

2.Setting Up the server





7. On the controller board, click the IP Report button. Hold it down until it beeps (about 5 seconds).

The IP address will be displayed in a window on your computer screen.

|     |              | Confirmation |      | × |
|-----|--------------|--------------|------|---|
|     | IP 1010.70.  | 123          |      |   |
|     | MAC 6C:EC:EI | B:62:39:F2   |      |   |
| POS | ITION 1-1    |              |      |   |
|     | ОК           | Skip         | Stop |   |

- 8. In your web browser, enter the IP address provided.
- 9. Proceed to login using root for both the username and password.
- 10. In the Network section, you can assign a DHCP IP address (optional).

### 11. Click Save & Apply.

| 11 /  |  |                  |
|---|--|------------------|
| System Miner Configuration Miner Status Network |  |                  |
| Settings Diagnostics                            |  |                  |
| Network Settings                                |  |                  |
| Network setup for Miner                         |  |                  |
| Status  | <ul> <li>MAC-Address:C4:F3:12:67:78:17</li> <li>dD 1192.166.1.101</li> <li>eton temast:255.255.25.0</li> </ul> |                  |
| Hostname  | antMiner   |                  |
| Protocol  | DHCP   |                  |
| IP Address                                      |  |                  |
| Netmask   |  |                  |
| Gateway   |  |                  |
| DNS Servers                                     |  |                  |
|   |  |                  |
|   |  | Reset Save&Apply |



3.Configuring the Server

# 3. Configuring the Server

Setting Up the Pool

# To configure the server:

# 1. click General Settings.

| ANTMINER  |   |       |
|---|---|-------|
| System Miner Configuration Miner Status Network |   |       |
| Miner General Configuration                     |   | _     |
| - Pool 1  |   |       |
| URL   | stratum +tcp://stratum.amtpool.com.3333 |       |
| Worker  | antminer 3                              |       |
| Password  | 22                                      |       |
| Pool 2  |   |       |
| URL.  | ptratum+tcp://stratum.antpool.com/243   |       |
| Worker  | shtminer 1                              |       |
| Password  | 123                                     |       |
| Pool 3  |   |       |
| URL   | stratum+tcp://stratum.antpool.com/26    |       |
| Worker  | antminer 3                              |       |
| Password  | 123                                     |       |
|   |   |       |
|   |   |       |
|   | Best Savas                              | Apply |

# 2. Set the options according to the following table:

| Option   | Description   |
|----------|---|
| Pool URL | Enter the URL of your desired pool. The T17e servers can be set up with three mining pools, with decreasing priority from the first pool (pool 1) to the third pool (pool 3). The pools with low priority will only be used if all higher priority pools are offline. |
| Worker   | Your worker ID on the selected pool.  |
| Password | The password for your selected worker.  |

3. Click Save & Apply to save and restart the server.



4. Monitoring Your Server

# 4. Monitoring Your server

To check the operating status of your server:

1. Click the status marked below.

| IER              |                                  |                      |              |                       |           |        |         |          |                   |          |               |         |             |              |           |                    |        |          |        |
|------------------|----------------------------------|----------------------|--------------|-----------------------|-----------|--------|---------|----------|-------------------|----------|---------------|---------|-------------|--------------|-----------|--------------------|--------|----------|--------|
| stem Mine        | r Configuration                  | Miner Status         | Network      |                       |           |        |         |          |                   |          |               |         |             |              |           |                    |        |          |        |
|                  | 1                                |                      |              |                       |           |        |         |          |                   |          |               |         |             |              |           |                    |        |          |        |
| ner Status       |                                  |                      |              |                       |           |        |         |          |                   |          |               |         |             |              |           |                    |        |          |        |
| Summary          |                                  |                      |              |                       |           |        |         |          |                   |          |               |         |             |              |           |                    |        |          |        |
| Elapsed GH/S(RT) |                                  | S(RT)                |              | GH/S(avg) FoundBlocks |           |        |         | Blocks   | LocalWork Utility |          |               |         |             | wu           | BestShare |                    |        |          |        |
| 10               | 1m34s 53197.08                   |                      | 7.08         |                       | 53734     | 2      |         |          | 0                 |          | 51            |         |             | 17.87        | 773       | 882.55             |        | 11311060 | 0      |
|                  |                                  |                      |              |                       |           |        |         |          |                   |          |               |         |             |              |           |                    |        |          |        |
| Pools            |                                  |                      |              |                       |           |        |         |          |                   |          |               |         |             |              |           |                    |        |          |        |
| Pool             |                                  | URL                  |              |                       | User      | Status | Diff    | GetWorks | Priority          | Accepted | Diff1#        | DiffA#  | DiffR#      | DiffS#       | Rejected  | Discarded          | Stale  | LSDiff   | LSTim  |
| 0                | stratum                          | +tcp://stratum.antpo | ool.com:3333 | 5                     | tminer_1  | Alive  | 65.5K   | 3        | 0                 | 28       | 0             | 1212416 | 0           | 0            | 0         | 48                 | 0      | 65536    | 0:00:0 |
| 1                |                                  | +tcp://stratum.antp  |              |                       | ntminer_1 | Alive  |         | 1        | 1                 | 0        | 0             | 0       | 0           | 0            | 0         | 0                  | 0      | 0        | 0      |
| 2                | stratum+tcp://stratum.antpool.co |                      | pool.com:25  | 3                     | tminer_1  | Alive  |         | 1        | 2                 | 0        | 0             | 0       | 0           | 0            | 0         | 0                  | 0      | 0        | 0      |
| total            |                                  |                      |              |                       |           |        |         | 5        | 3                 | 28       | 0             | 1212416 | 0           | 0            | 0         | 48                 | 0      |          |        |
| HW               |                                  | 0                    |              |                       |           |        |         |          |                   |          |               | 0.0000% |             |              |           |                    |        |          |        |
| AntMiner         |                                  |                      |              |                       |           |        |         |          |                   |          |               |         |             |              |           |                    |        |          |        |
| Chain#           | ASIC#                            | Frequency            | GH/S(RT)     | HW                    | Temp()    | PCB)   | Temp(C  | (hip)    |                   |          |               |         | AS          | IC status    |           |                    |        |          |        |
|                  | 79                               | 600                  | 18694.98     | 0                     | 35-49-3   | 5.50   | 56-61-5 | 5.63     |                   | 000000   | 0.000000.0000 |         | 1000 000000 | 000000 00000 |           | 0 000000 000000 00 | 0.0000 |          |        |
| 2                | 78                               | 600                  | 17196.77     | 0                     | 37-49-3   |        | 59-64-6 |          |                   |          |               |         |             |              |           | 0000000 0000000 00 |        |          |        |
| 3                | 78                               | 600                  | 17305.34     | ŏ                     | 36-49-3   |        | 58-61-5 | 9-64     |                   |          |               |         |             |              |           | 000000 000000 00   |        |          |        |
| Fa               | n#                               |                      | fan1         |                       |           |        |         | fan2     |                   |          |               | ,       | an3         |              |           |                    | fan4   |          |        |
|                  | (r/min)                          |                      | 6000         |                       |           |        |         | 5880     |                   |          |               |         | 760         |              |           |                    | 5880   |          |        |

Note: The T17e server is with automatic frequency. Firmware will stop running when the Temp (PCB) reaches to  $80^{\circ}$ C or Temp(chips) reaches to  $95^{\circ}$ C, there will be an error message "Fatal Error: Temperature is too high!" shown in the bottom of kernel log page.

2. Monitor your server according to the descriptions in the following table:

| Option      | Description   |  |  |  |  |  |
|-------------|---|--|--|--|--|--|
| ASIC#       | Number of chips detected in the chain.  |  |  |  |  |  |
| Frequency   | SIC frequency setting.  |  |  |  |  |  |
| GH/S(RT)    | ash rate of each hash board (GH/s).   |  |  |  |  |  |
| Temp(PCB)   | Temperature of each hash board (°C). (Applied only to server with fixed frequency). |  |  |  |  |  |
| Temp(Chip)  | Temperature of the chips on each hash board (°C).                                   |  |  |  |  |  |
| ASIC status | One of the following statuses will appear:  |  |  |  |  |  |
|             | • <b>O</b> - indicates OK   |  |  |  |  |  |
|             | • X - indicates error   |  |  |  |  |  |
|             | <ul> <li> indicates dead</li> </ul>   |  |  |  |  |  |



5. Administering Your Server

# 5. Administering Your Server

# **5.1 Checking Your Firmware Version**

To check your firmware version:

- 1. In System, click the Overview tab.
- 2. File System Version displays the date of the firmware your server uses. In the examples below, the servers are respectively using firmware version 20191023.

| ANTMINER   |  |
|--|--|
| System Miner Configuration Miner Status Network                  |  |
| Overview Administration Monitor Kernel Log Upgrade Reboat Locate |  |
|  |  |
| Overview   |  |
| - System   |  |
| Miner Type   | Antminor T12e  |
|  | Antonino 1178  |
| Hostname   |  |
| Model  | GNU/Linux  |
| Hardware Version   | Socket connect failed: Connection refused                                      |
| Kernel Version   | Linux 4.6.0-xilinx-gff8137b-dirty #25 SMP PREEMPT Fri Nev 23 15:30:52 CST 2018 |
| File System Version  | Wed Oct 23 17:16:58 CST 2019   |
| CGminer Version  | 1.0.0  |
| Uptime   | 19   |
| Load Average   | 0.30, 0.13, 0.07   |
| Memory   |  |
| Total Available  | 124768 kB / 233744 kB (53%)  |
| Free   | 106976 kB / 233744 kB (47%)  |
| Cached   | 0 kB / 233744 kB (0%)  |
|  | 044 kg / 233744 kg (0%)  |
| Buffered   | 1004 KB / 233/44 KB (0%)   |
| Network  |  |
| 1º Status  | Type: DstD<br>(1): 121:148:1.99<br>合約の Netmask: 255:255.255.0                  |

# 5.2 Upgrading Your System

Make sure that the T17e server remains powered during the upgrade process. If power fails before the upgrade is completed, you will need to return it to Bitmain for repair.

# To upgrade the server's firmware:

#### 1. In System, click **Upgrade**.

| System Miner Configuration Miner Status Network  |  |  |  |
|--|--|--|--|
| Overview Administration Monitor Kernel Log Upgrade Reboot  |  |  |  |
| Upgrade  |  |  |  |
| Backup / Restore<br>Click "Generate archive" to download a tar archive of the current configuration files. To reset the fi   | imware to its initial state, click "Perform reset" (only possible with squashfs images). |  |  |
| Download backup:  Generate archive   |  |  |  |
| Reset to defaults:   | Perform reset  |  |  |
| To restore configuration files, you can upload a previously generated backup archive here.                                   |  |  |  |
| Restore backup:  | 浏览… 未选择文件。 IDDoad archive…   |  |  |
| Flash new firmware image<br>Upload a sysupgrade-compatible image here to replace the running firmware. Check "Keep settings" | to retain the current configuration.   |  |  |
| Keep settings:   | 2  |  |  |
| Image:   | 浏览… 未选择文件。 IIFlash image…  |  |  |
|  |  |  |  |



5. Administering Your Server

#### 2. For Keep Settings:

Select the check box to keep your current settings (default).

- Clear the check box to reset the server to default settings.
- 3. Click the **Browse**) button and navigate to the upgrade file. Select the upgrade file, then click **Flash image**. A message appears notifying you if the T17e firmware can be upgraded and if yes, will then proceed to flash the image.
- 4. When the upgrade is completed, the following message appears:

| System Miner Configuration Miner Status Network                       |  |
|---|--|
| Overview Administration Monitor Kernel Log Upgrade Reboot             |  |
| System Upgrade  |  |
| The upgrade installed successfully. Please restart Miner to activate. |  |
|   |  |
| 😤 Reboot 📧 Go Back  |  |

5. Click one of the following options:

**Reboot** - to restart the server with the new firmware.

**Go Back** - to continue mining with the current firmware. The server will load the new firmware next time when it is restarted.

# **5.3 Modifying Your Password**

#### To change your login password:

- 1. In System, click the Administration tab.
- 2. Set your new password, then click **Save & Apply**.

| System Miner Configuration Miner Status Network             |                       |                  |
|---|-----------------------|------------------|
| Overview Administration Monitor Kernel Log Upgrade Reboot   |                       |                  |
| Password  |                       |                  |
| Changes the administrator password for accessing the device |                       |                  |
| Current Password  | Current Password      |                  |
| New Password  | New Password          |                  |
| Confirmation  | Confirmation Password |                  |
|   |                       |                  |
|   |                       | Reset Save&Apply |

# **5.4 Restoring Initial Settings**

#### To restore your initial settings

- 1. Turn on the server and let it run for 5 minutes.
- 2. On the controller front panel, press and hold the **Reset** button for 10 seconds.



Resetting your server will reboot it and restore its default settings. The red LED will automatically flash once every 15 seconds if the reset is operated successfully.



#### **Environmental Requirements**

### Please run your server in accordance with the following requirements

**1. Basic Environmental Requirements:** 

**1.1. Climatic Conditions:** 

| Description           | Requirement               |
|-----------------------|---------------------------|
| Operating Temperature | 0-40°C                    |
| Operating Humidity    | 10-90%RH (non-condensing) |
| Storage Temperature   | -20-70°C                  |
| Storage Humidity      | 5-95%RH (non-condensing)  |
| Altitude              | <2000m                    |

## **1.2. Site Requirements of the Server Running Room:**

Please keep the server running room away from industrial pollution sources:

For heavy pollution sources such as smelters and coal mines, the distance should be more than 5km.

For moderate pollution sources such as chemical industries, rubber and electroplating industries, the distance should be more than 3.7km.

For light pollution sources such as food factories and leather processing factories, the distance should be more than 2km.

If unavoidable, the site should be chosen in the perennial upwind direction of the pollution source.

Please do not set your location within 3.7km from the seaside or the salt lake. If unavoidable, it should be built as airtight as possible, equipped with air conditioning for cooling.

## 1.3. Electromagnetic Environmental Conditions:

Please keep your site away from transformers, high-voltage cables, transmission lines and high-current equipment, for example, there should be no high-power AC transformers (>10KA) within 20 meters, and no high-voltage power lines within 50 meters. Please keep your site away from high-power radio transmitters, for example, there should be no high-power radio transmitters (>1500W) within 100 meters.

## 2. Other Environmental Requirements :

The server running room shall be free of explosive, conductive, magnetically conductive and corrosive dust. The requirements of mechanical active substances are shown below:

## 2.1 Requirements of Mechanical Active Substances

| Mechanical Active Substance | Requirement              |  |
|-----------------------------|--------------------------|--|
| Sand                        | <= 30mg/m <sup>3</sup>   |  |
| Dust (suspended)            | <= 0.2mg/m <sup>3</sup>  |  |
| Dust (deposited)            | <=1.5mg/m <sup>2</sup> h |  |



# 2.2 Requirements of Corrosive Gas

| Corrosive Gas   | Unit | Concentration |  |
|---|------|---------------|--|
| H <sub>2</sub> S  | ррb  | < 3           |  |
| SO <sub>2</sub>   | ррb  | < 10          |  |
| Cl <sub>2</sub>   | ррb  | <1            |  |
| NO <sub>2</sub>   | ррb  | < 50          |  |
| HF  | ррb  | < 1           |  |
| NH <sub>3</sub>   | ppb  | < 500         |  |
| 03  | ррb  | < 2           |  |
| Note: ppb (part per billion) refers to the unit of concentration, 1ppb stands for the volume ratio of |      |               |  |
| part per billion.   |      |               |  |



## **Regulations:**

## 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: T17e 服務器型號: 266-Aa 有害物質  |           |           |           |               |               |                 |
|--|-----------|-----------|-----------|---------------|---------------|-----------------|
| 單元   | 鉛<br>(Pb) | 汞<br>(Hg) | 鎘<br>(Cd) | 六價鉻<br>(Cr+6) | 多溴聯苯<br>(PBB) | 多溴二苯醚<br>(PBDE) |
| 外殼   | 0         | 0         | 0         | 0             | 0             | 0               |
| 電路板組件  | _         | 0         | 0         | 0             | 0             | 0               |
| 其他線材   | _         | 0         | 0         | 0             | 0             | 0               |
| 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<br>值。<br>備考2. "〇"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。<br>備考3. "一"係指該項限用物質為排除項目。 |           |           |           |               |               |                 |

- 19 -