Installation Guide

Case components:
- Spare 120 mm fans mount x 2 (Water cooling radiator compatible)
- Multi-media ports
- Reset switch
- Power switch
- 5.25" ODD bezel with air filters x 9
- Removable 140 mm fans & air filters x 3 (Water cooling radiator compatible)
- Power LED
- HDD LED
- Removable 5.25" module
- Spare 140 or 120 mm fans mount x 3 (Water cooling radiator compatible)
- 120 mm fan
- Rubber grommets for liquid cooling tube
- PCI slots with ventilation
- PSU tray
- Female clip (for side panel)
- Removable HDD cage with 120 mm fans x 2 for 3.5" HDD x 6, 2.5" HDD x 4
- 2.5" HDD tray x 2

Hardware list

<table>
<thead>
<tr>
<th>Item</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Buzzer (1)</td>
<td></td>
</tr>
<tr>
<td>Anti-vibration silica gel rings (33) for 2.5&quot; HDD / 3.5&quot; HDD</td>
<td></td>
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<tr>
<td>Aluminum handle (6) for 3.5&quot; HDD</td>
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<tr>
<td>Thumb screws (12) for ODD</td>
<td></td>
</tr>
<tr>
<td>USB 3.0 to USB 2.0 converter (1)</td>
<td></td>
</tr>
<tr>
<td>Shorter thumb screws (9) for motherboard mount</td>
<td></td>
</tr>
<tr>
<td>Longer thumb screws (3) for motherboard mount</td>
<td></td>
</tr>
<tr>
<td>Screw driver (1) to ass'y motherboard</td>
<td></td>
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<tr>
<td>Screws (5) for PSU mounting</td>
<td></td>
</tr>
<tr>
<td>Screws M3*9.5 (8) for 2.5&quot; HDD</td>
<td></td>
</tr>
<tr>
<td>Screws M3*6.2 (12) for ODD</td>
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<tr>
<td>Box (1) for spare parts</td>
<td></td>
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<tr>
<td>Stand off bolt (3) for motherboard</td>
<td></td>
</tr>
<tr>
<td>3-pin to 4-pin power-cord converter (3) for fan</td>
<td></td>
</tr>
<tr>
<td>Spare part- female clip (1) for side panel</td>
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</tbody>
</table>

*Exceeded quantity are spare parts.

Removing the side panels

Pull side panel out to remove.

Motherboard installation

Note:
For hard to reach areas use long thumb screws.

The oval hole on the M/B tray is designed for special server boards. Please use a nut to secure the copper bolt in place.

Place the M/B on the copper bolt and secure with thumb screws.

Cable installation guide

BLACK / WHITE = POWER SW
BLACK / WHITE = POWER LED
BLACK / WHITE = SPEAKER
BLACK / WHITE = RESET SW

Remove front panel

Remove 1 thumb screw.
Pull the front panel to release.

PSU installation

Place the PSU on the stand, and push against the rear panel.
Fasten 4 screws to secure.
**Remove 5.25” bezel**

Press the right and left sides of the bezel to remove.

**3.5” HDD installation**

Fasten the HDD screws with anti-vibration silica gel rings to the HDD.

Slide the HDD into the HDD cage.

Slide down the thumb screw to secure the HDD.

**Remove HDD cage**

Release the HDD cages by loosening the 4 thumb screws.

**2.5” HDD installation-1**

Fasten the HDD on the top of the cage with 4 screws.

**2.5” HDD installation-2**

Fasten the HDD at the bottom of the cage with 4 screws.

**Option kits:**

- Optional hot swap backplane (BP3SATA) & HDD module panel (BZ-503)

- BP3SATA

- BZ-503

**Remove 5.25” module**

Release the 5.25 module by loosening the 6 thumb screws.

**2.5” HDD installation-3**

Fasten the HDD screws with anti-vibration silica gel rings to the HDD.

Put the HDD into place on the HDD tray.

**Remove front air filters**

Push and release securing clips to remove the washable air filters.

**ODD installation**

Install the screws into the ODD.

Push the ODD into the 5.25” rack.

Fasten 2 thumb screws.

**Water cooling radiator compatible**

Remove 8 screws to release the cover in order to install the option kit.

**I/O port installation**

- Supports motherboard USB 3.0 20 Pin header

- MIC EAR

- USB 3.0

- USB 3.0

- HD AUDIO

- Blue 10 9 Green

- Black purple 8 7 Key

- Yellow 6 5 Orange

- Gray 4 3 N.C.

- Red 2 1 GND,H,S, TUBE

**USB 3.0 to USB 2.0 converter**

- VCC RED 1

- D- WHITE 2

- GREEN D+ 3

- BLACK GND 4

- WHITE D- 5

- GREEN 6

- BLACK KEY 7

- BLACK 8

- RED 9

- GND 10

**Cable management**