

## Step 1 - Power Supply Installation.

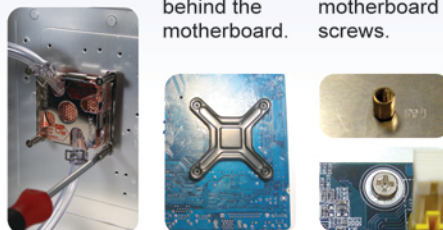
- 1.1 Remove the retainer plate from the back of the chassis and secure it onto your power supply. Slide your power supply through the rear of the chassis and secure the retainer plate.



**Note:** If you are using a longer or irregular size power supply, please refer to your 3D Mercury user manual for installation Details.

## Step 2 - Motherboard Installation.

- 2.1 Remove the CPU Water Block from the motherboard tray.
- 2.2 If motherboard is Intel® LGA775, please stick the back plate behind the motherboard.
- Secure the motherboard onto the motherboard tray with the stand offs and motherboard screws.



**Warning:** Incorrect connection of the slots can cause the motherboard to malfunction or completely destroy the motherboard which is not covered by warranty.

## Step 3 - Application of Liquid Cooling System.

- 3.1 Remove the "CAUTION" sticker from the bottom of the CPU Water Block (fig a) and spread the thermal paste evenly on the CPU surface (fig b).



- 3.2 Place the water block on the CPU and attach with the Intel® LGA 775 Clip.
- 3.3 Place the water block on the AMD K8 retention mechanism, and secure with attached AMD K8 retention mechanism kit.
- 3.4 Place the water block on the AMD AM2 retention mechanism, and secure with attached AMD AM2 retention mechanism kit.



- 3.5 Place the MOSFET air-cooling fan on the top of the water block and make sure that the four feet are firmly locked on to the water block.



(Please refer to your 3D Mercury manual for more details regarding water block clips and installation instructions)

- 3.6 Connect the 3-pin power connector of the fan to the motherboard. (fig a: 3-pin connector and fig b: 4-pin connector)

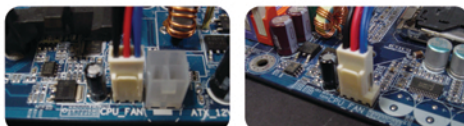
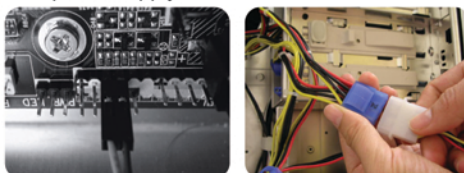


fig a

fig b

- 3.7 Connect the 2-pin power SW cord on to the motherboard and the 4-pin power connector from pump to a 4-pin connector of the power supply.



- 3.8 Pour GIGABYTE Liquid Coolant in to the tank, make sure the coolant level is constantly at 80%

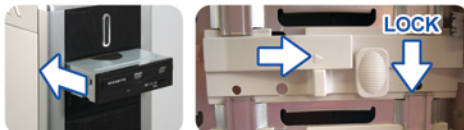


## Step 4 - Front Device Bay Installation.

- 4.1 Remove the mesh drive rail and EMI Plate of the chassis.



- 4.2 Slide in the device into the drive bay from the front of the chassis and secure it with the internal latch.

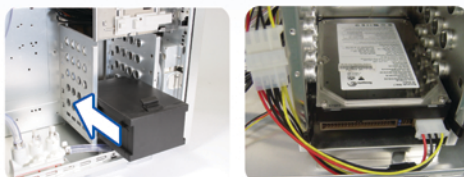


## Step 5 - Internal Device Bay Installation.

- 5.1 Fit the securing runners on either side of the HDD and slide it into the HDD internal drive bay.

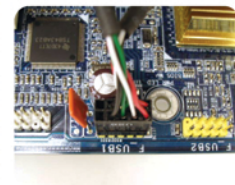
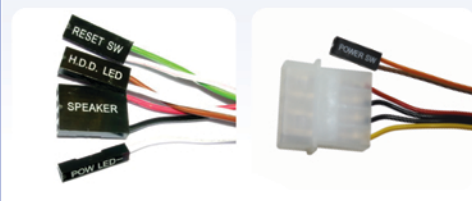


- 5.2 For installation of the 4th and 5th HDDs, remove the tool enclosure. If the power cable is not long enough, please use the power extension cable which can be found in the tool enclosure.



## Step 6 - Front Multi-Media I/O Ports Installation.

- 6.1 Connect the front multi-media I/O connectors in the corresponding socket on the motherboard. (Please refer to user 3D Mercury user manual for full details)



## Step 7 - Add-on Card Installation.

- 7.1 Open the PCI slot retention lock and remove the internally attached dust proof PCI cover.



- 7.2 Insert the interface card and close the PCI slot retention lock. Make sure the card is firmly secured.



**Note:** For adding/upgrading GIGABYTE Blue Eye and Chipset Water Block or Liquid Cooling System maintenance, please refer to you 3D Mercury user Manual for full details.

**WARNING:** Before turning on the power, please confirm that all the tube clips are firmly fastened; leakage of liquid coolant due to improper installation may damage the system and void your warranty. Use only GIGABYTE Liquid Coolant; any damage arising from using other liquid products is not covered by warranty. Be aware of abnormal leakage. If the installation was correct and the tubes are firmly fastened, and the liquid cooling system leaks please turn off the power immediately, and drain out all the coolant. Contact authorised GIGABYTE dealers or GIGABYTE service center.

**3D Mercury**  
Quick Installation Guide.