GAMEMAX

ABYSS TR
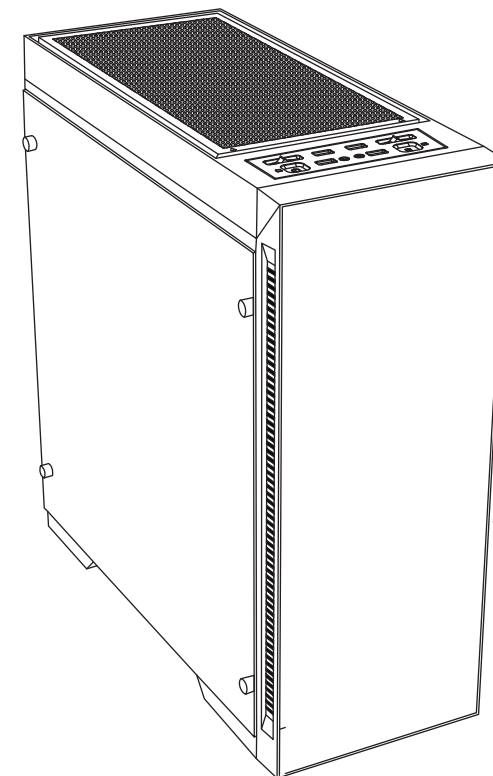## FULL TOWER GAMING

INSTALLATION GUIDE

Please take a moment to carefully go through the user manual. GAMEMAX will not take responsibility for any damages incurred due to incorrect installation and usage of this product.

For more information to visit **www.gamemaxpc.com**

Specification

|	
Model No.	Abyss TR (MFG. M908)
Case size	L510*W232*H526mm
Material	Steel/ABS
M/B Type	E-ATX/ATX/Micro-ATX/ITX
5.25"Drive Bay	N/A
HDD Drive Bay	3.5″ HDD*2 / 2.5″ SSD*4
Expansion Slots	7 Slots Support VGA card 420mm
Height of CPU	170mm
Cooling system	Top: 120mm*3/140mm*2 (By specify)
	Front: 120mm*3 (By specify)
	Rear: 120mm*1 (By specify)
Dust filter	Bottom dust filter*1; Top dust filter*1
I/O Panel	USB3.0*2, USB2.0*2
	HD Audio/MIC
Controller	V1.7 control Hub for Fan light
	Top panel 2 channel controller for Fan speed
PSU	Standard ATX PSU

Front   Back   Top
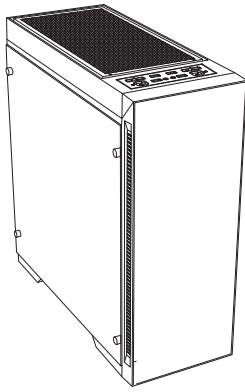
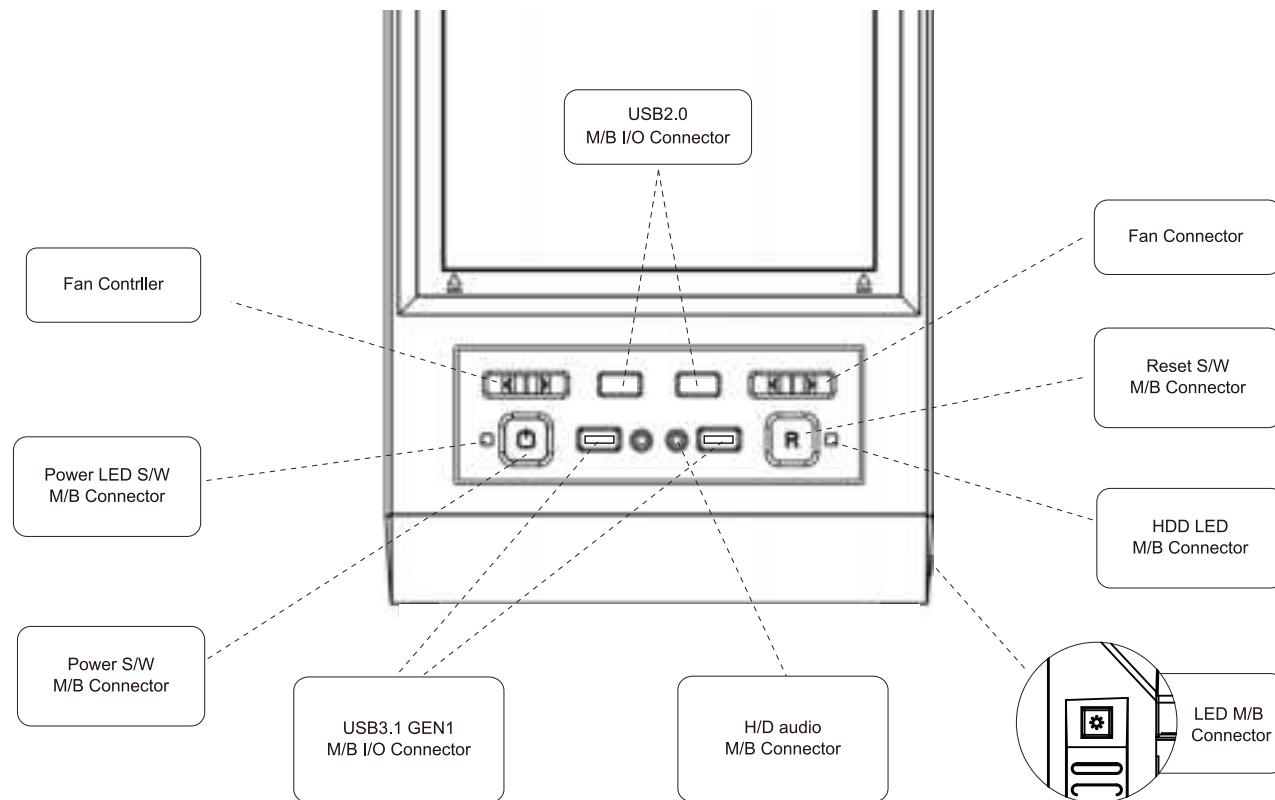Bottom   Side
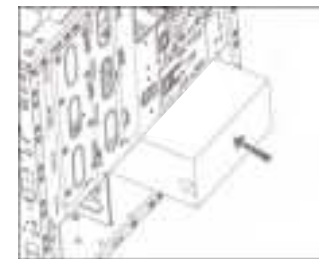
1 Front panel

3 Left side tempered glass panel

5 Top dust filter

7 Rear fan place

9 PSU Place

11 ODD place

13 SSD rack

15 Foot
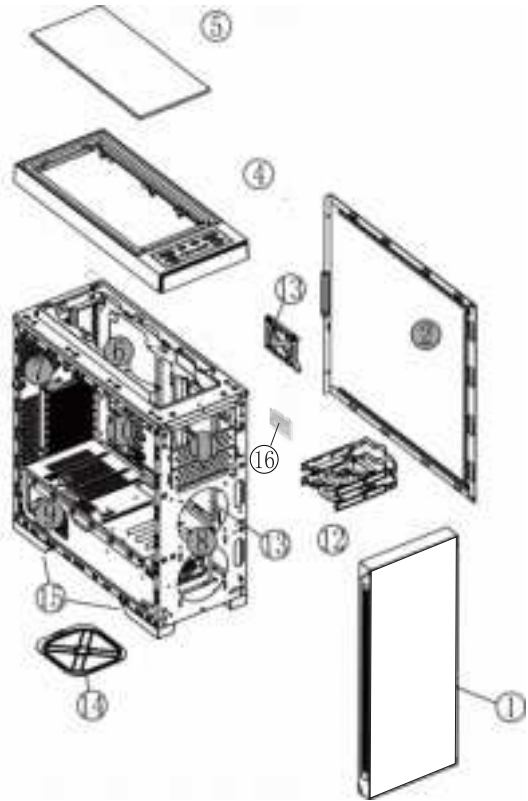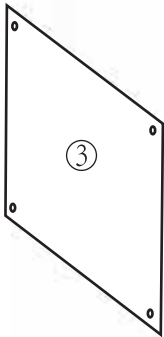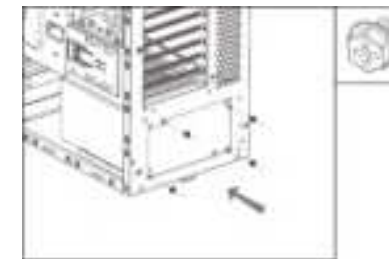
2 Right side panel

4 Top panel

6 Top fan place

8 Front fan place

10 M/B place

12 3.5/2.5 HDD Rack

14 Bottom dust filter

16 V1.7 control Hub for Fan light

USB2.0
M/B I/O Connector

Fan Connector

Fan Contrller

Reset S/W
M/B Connector

Power LED S/W
M/B Connector

HDD LED
M/B Connector

Power S/W
M/B Connector

USB3.1 GEN1
M/B I/O Connector

H/D audio
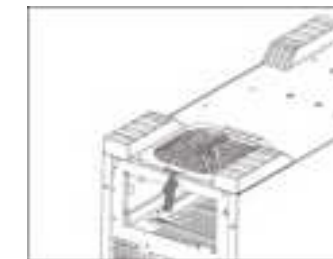M/B Connector

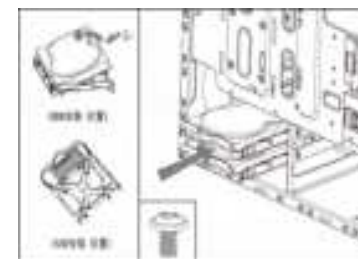LED M/B
Connector

◈ How to install PSU
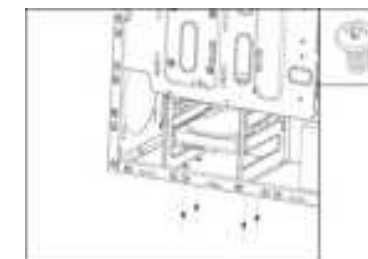

Insert PSU

Fix with screws

◈ Clean dust filters

Remove the dust filter from the PSU position

◈ How to install 3.5"HDD&2.5"SSD

Remove the bay bracket

Insert the hard drive into place

◈ How to install M/B

Install M/B

◈ How to install 2.5"SSD

SSD place 1

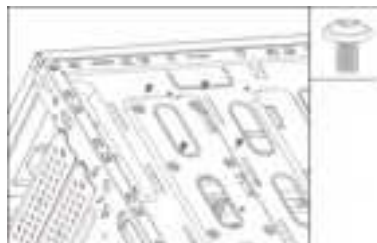Losen screws,remove SSD bracket

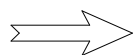Install SSD,fix with screws

Insert SSD bracket into place
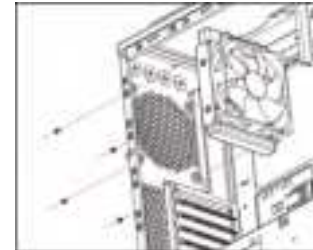
SSD place 2

Insert SSD

Fix with screws
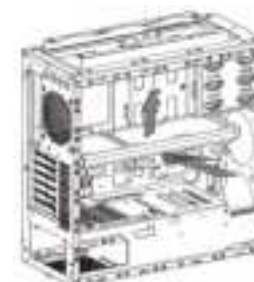
Fix with screws

◈ How to install the radiator

Put the radiator in the rear
panel then fix with screws

Put the radiator in front place

Fix with screws

Put the radiator in top place

Fix with screws

The size of radiator can be supported:

Front :120/240/360mm

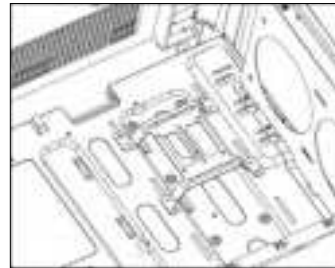Top :120/140/240/280/360mm

Rear:120mm

◈ (User option)

No.1 How to install VGA card fix unit (User option)

1、Loosen screw 1,adjust A
2、Loosen screw 2 and screw 5,adjust C
3、Loosen screw 3 and screw 4 ,adjust B
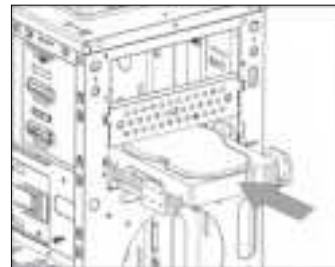
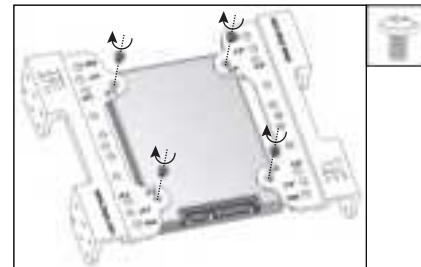No.2 How to install water tank(User option)

Install water tank
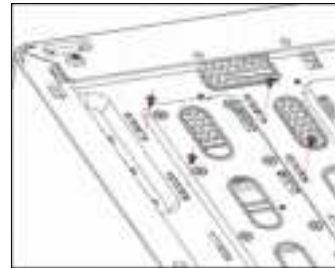
Fix with screws

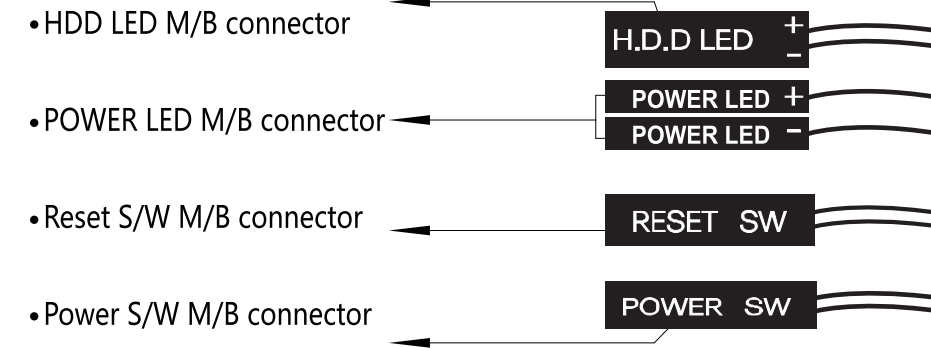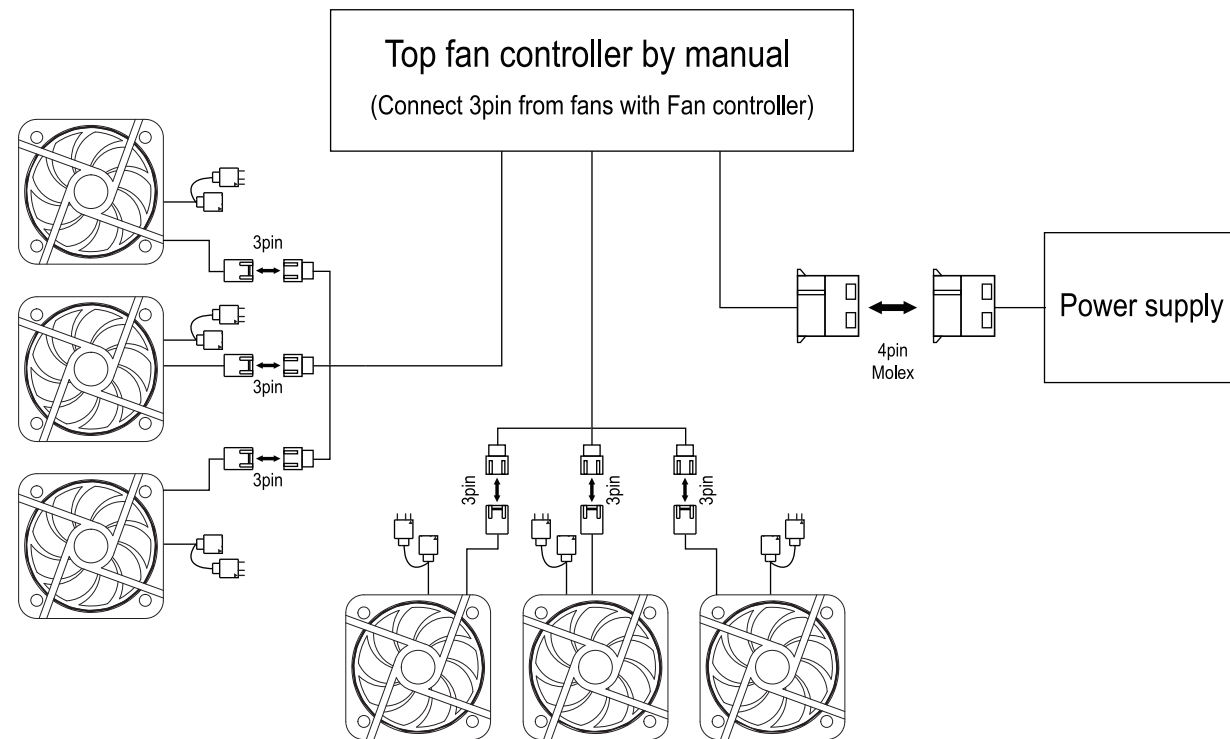No.3 How to use RAM cooler guide install2.5"/3.5"HDD/SSD

◈ Cable connection instrution

• HDD LED M/B connector
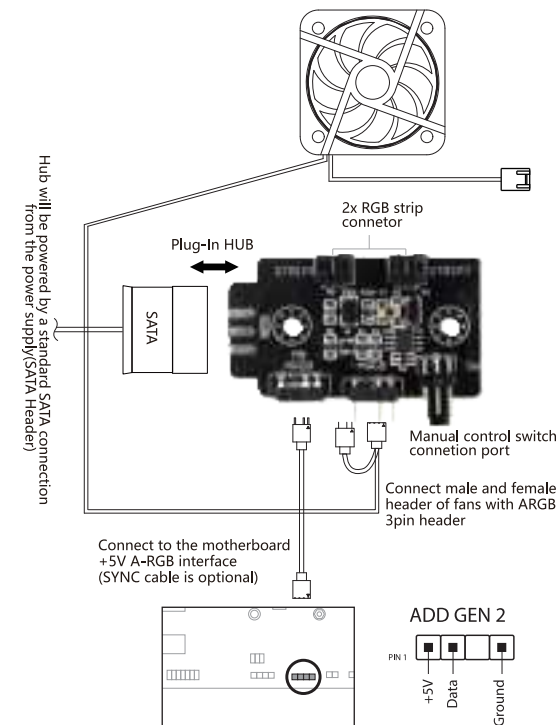
• POWER LED M/B connector

• Reset S/W M/B connector

• Power S/W M/B connector

H.D.D LED +
−

POWER LED +
POWER LED −

RESET SW

POWER SW

◈ Top Panel 2xChannel fan connection

Top fan controller by manual

(Connect 3pin from fans with Fan controller)

Power supply

3pin

3pin

3pin

3pin 3pin 3pin

4pin
Molex

◈ V1.7 A-RGB(RAINBOW) Control HUB

Schematic diagram of connection

Hub will be powered by a standard SATA connection from the power supply(SATA Header)

2x RGB strip connetor

Plug-In HUB

SATA

Manual control switch connetion port

Connect male and female header of fans with ARGB 3pin header

Connect to the motherboard +5V A-RGB interface (SYNC cable is optional)

ADD GEN 2

PIN 1

+5V Data Ground

1. Product features
    1-1. 18 pre-configured color modes
    1-2. Mode and color adjustment
    1-3. SATA power in
    1-4. +5V A-RGB Mainboard SYNC

2. Functional description
2-1. Change between M/B-SYNC and independent mode
    The default mode is independent mode. Press the RGB key for 3s, and the white light flickers, it prompts you to switch into M/B-SYNC mode, release the key and enter the M/B-SYNC mode, after entering the M/B-SYNC mode, press the RGB key and enter the independent mode again.
2-2. Turning light off
    In the independent mode,press RGB key for 3s, and the white light flickers, if you continue to press the key, the light will be turned off, Press the RGB key again to turn on the light.
2-3. Memory function
    This controller has memory function.
2-4. Selecting mode and colors within RGB key
    Short press RGB key one-time to change mode;
    Short press RGB key two times to change colors within the selected mode
2-5. A-RGB M/B-SYNC
    After connecting the +5V sync cable to your M/B,the RGB effects can be switched to M/B-SYNC mode as described above in section "Change between M/B-SYNC and independent mode".
2-6. LED-Strip
    Additional LED strips can be connected and controlled via the control HUB.