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ARMOR Extreme Edition VA8004 Series

User's Manual

AMD Quad FX

Platform Ready Super Tower Chassis

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Chapter1 Product Introduction

1.1 Notice

1. The side panel with dual channel air guide is designed specifically for AMD Quad FX platform
2. If you do not intend to use AMD's designated cooler, please follow the directions listed below:
   a. If the cooler you are planning to use is taller than 100 mm, please remove the air guides and follow directions to cover the air hole with included perforated panel.

To remove the fan duct, please unscrew the 4 screws on side panel.

1

Place the metal mesh over the side panel opening. First, insert the female rivet(A) into the screw hole. Then, insert the male push-pin(B) to secure. Repeat steps for all other screw holes.

2

Note: Does not apply to non-window version side panel.

b. If the cooler you are planning to use is within the 64 mm and 100 mm range, you may adjust the air guides so that it may cover directly over the cooler.

To adjust the depth of the air guide, please twist the air guide counter-clockwise to unlock. To lock the air guide in place, please twist the air guide clockwise.

1

Armor Extreme Edition supports all Intel or AMD systems

Chapter2 Case Mechanical Operation

2.1 How to open the side panel

To find out the side panel key from the back side of the case then open it as the picture. ❶

Make sure the side panel lock is opened. ❷

Push the button then swing out the side panel. ❸

2.2 Installing 5.25" Device

Squeeze and pull out-ward the tool-free clip ❶

Remove the drive bay cover from the selected position, then insert the device into the 5.25" drive bay ❷

Squeeze and push in-ward the tool-free clip. ❸

Finish installation ❹

2.3 Installing 3.5" HDD

Unscrew the thumb screw for removable HDD cage

Push down and hold the metal tab, then pull the HDD cage out-ward to remove from chassis.

Secure HDD with Screw

2.4 Removable 12cm Fan cage with 3HDD

Squeeze and pull out-ward the tool-free clip

Note: Remove 12 cm fan cage is secured with 3 tool-free clips. Be sure to free all 3 tool-free clips

After loosen tool-free clip, remove 3 drive bay covers located in front of the 12 cm fan cage. Then slide the fan cage out-ward to remove.

Remove another 3 drive bay covers at desired location for 12 cm fan cage. Squeeze and pull out-ward the tool-free clip at desired location

Insert the 12 cm fan cage into the desired location by sliding the cage in-ward from the front of chassis.

Squeeze and push in-ward the tool free clip to secure the 12 cm fan cage.

Replace back the 3 drive bay covers previously removed

2.5 Installing 3.5" HDD *(For 12cm Fan Cage)*

Squeeze and pull out-ward the tool-free clip at desired slot.

Insert HDD by sliding HDD into the 12 cm fan cage.

Secure HDD by tightening screw to HDD

Squeeze and push in-ward the tool free clip to secure the HDD in the 12 cm fan cage.

2.6 5.25" to 3.5" Drive Tray Device Installation.

Squeeze and pull out-ward the tool-free clip securing the drive tray

Remove drive bay cover in front of the drive tray. Then slide out the device tray.

Insert HDD drive into device tray. Secure HDD with screw from the side of device tray labeled HDD.

Insert back the device tray and replace back the drive bay cover.

Squeeze and push in-ward the tool free clip to secure the device tray.

Installing Floppy Disk Drive to Device tray

Remove device tray and insert floppy disk drive into device tray. Secure FDD with screw from the side of device tray labeled FDD.

Insert back device tray. Remove mesh on drive bay cover. Then replace back drive bay cover. Squeeze and push in-ward the tool free clip to secure the device tray

2.7 Installing 3.5" Device to Drive Tray With Power Button

Squeeze and pull out-ward the tool-free clip securing the drive tray with power button. Remove and slide drive bay out-ward to remove.

Squeeze both top and bottom portion of drive tray cover picture to the left to remove cover.

Remove mesh from cover

Place cover back to drive tray to its original position. Insert 3.25" device and secure device with screw.

Insert back the device tray pictured above. Squeeze and push in-ward the tool free clip to secure the device tray

Drive tray with Power Button can be placed at any drive bay desired.

2.8 Installing Power Supply

Install power supply unit as shown in pictures

Locate the hook of PSU supporter on the hole which is circled in photo above

Swing the supporter to its proper position as shown in photo above

Secure the supporter with screw

2.9 Installing the fan on top of the case

Press-in 2 clips on the side of fan

Align all clips with mounting holes,
then push-in the fan against case body
to secure it.

2.10 How to remove the fan & fan holder

12 cm rear fan

Push fan clip upward to loose fan,
then remove fan holder from inside

9 cm rear fan

To remove fan & fan holder by press-in clips then
pull both from inside. Please see above picture

2.11 PCI slot tool-free function operation

Open the plastic clip then take off the PCI bracket as follow.

Chapter3 Motherboard & Leads Installation

3.1 Motherboard Installation

Each motherboard has different standoff layout. It is highly suggested that you refer to your motherboard's manual when installing motherboard into the case. The cases are applicable with Extend-ATX、Standard ATX, Micro ATX motherboards. Your motherboard may require a special I/O Panel, which should be included with your motherboard.

Placement Direction:

When installing the motherboard, make sure you follow the direction provided by your motherboard manufacturer. On most standard motherboards, the edge with external ports goes to the rear part of the chassis. It is highly recommended that you install CPU, heat sink and modular components before fixing the motherboard inside the chassis.

This side towards the rear of the chassis

● = the locations of the screw holes. Note these locations and place included standoffs on the chassis first.

Above illustration is a sample of what the motherboard's layout. For more detail screw hole placement, please refer to your motherboard manual.

3.2 Case LED connections

On the front of the case, you can find some LEDs and switch leads (POWER SW*1, POWER LED*1, H.D.D. LED*1, RESET SW*1, SPEAKER*1).
Please consult user manual of your motherboard manufacturer, then connect these leads to the panel header on the motherboard. These leads are usually labeled; if not, please trace them back to the case front to find out their source.

- ***POWER LED***
  connects to your M/B at the PLED.
- ***POWER SW***
  connects to the PWR connector on the motherboard.
- ***H.D.D LED***
  connects to the 2-pin labeled HDD LED connector.
- **RESET SW**
  connects to the RSW connector on the motherboard.
- **SPEAKER**
  find out the 4-pin labeled SPEAKER on the M/B then connect it.

3.3 USB2.0 & IEEE1394 Firewire connection

USB connection

Please consult your motherboard manual to find out the section of "*USB connection*".

USB2.0 connection				
M/B layout (Ex: ASUS)		Case layout		
1	USB+5V	VCC 1	Red	USB 1
2	LDM1	DATA-1	White	
3	LDP1	DATA+1	Green	
4	GND	GND 1	Black	
5	NC	SHIELD 1	Black	
6	USB+5V	VCC 2	Red	USB 2
7	LDM2	DATA-2	White	
8	LDP2	DATA+2	Green	
9	GND	GND 2	Black	
10	--	SHIELD 2	Black	

IEEE1394 Firewire connection

Please consult your motherboard manual to find out the section of "*IEEE1394 Firewire connection*".

1394 Firewire connection			
M/B layout (Ex: ASUS)		Case layout	
1	+12V	VP	White
2	Ground	VG	Black
3	TPB-	TPB- or TPB*	Red
4	TPB+	TPB+ or TPB	Green
5	TPA-	TPA- or TPA*	Orange
6	TPA+	TPA+ or TPA	Blue
7	Ground	Ground	Black

3-4 Audio Connection

- Please refer to the following illustration of Audio connector and your motherboard user manual.
- Please select the motherboard which used AC'97 or HD Audio (Azalia), (be aware of that your audio supports AC'97 or HD Audio (Azalia)) or it will damage your device(s).
- On some motherboards, the connectors for Audio are not the same as the drawing below. Please check with your motherboard manual before installing.

AUDIO AZALIA Function

AUDIO AC'97 Function

3.5 Case open alarm function (Intrusion switch)

1. To find out the cable with 2pin connector (Micro SW) from the rear of inside the chassis.
2. To find out the position of Chassis Alarm on your motherboard. (please consult your motherboard manual)