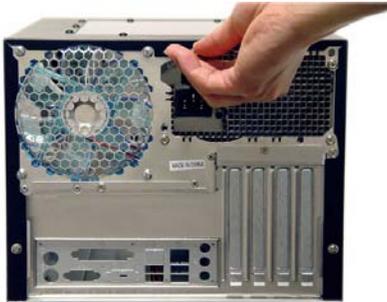# X-Qpack Series Installation Guide
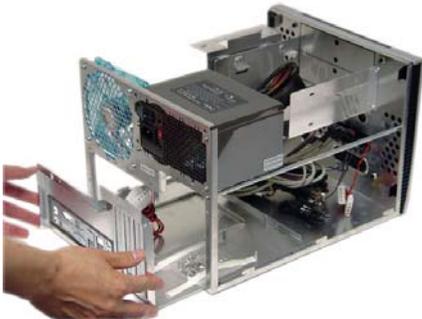
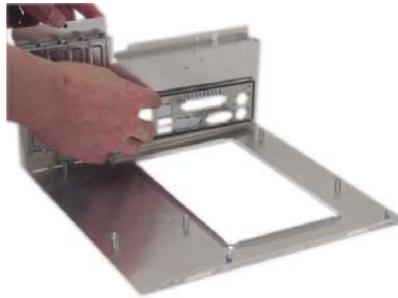**View of X-Qpack from different angles**

1.Unscrew U-Shape cover.

2.Take out the U-Shape cover.

3.Unscrew the motherboard tray.

4.Pull out the motherboard tray.

5.If your motherboard size and layout is not universal standard, then you need to remove the I/O bracket and replace with the one that comes with your motherboard.

6.Install motherboard.

7.Screw the motherboard on motherboard tray
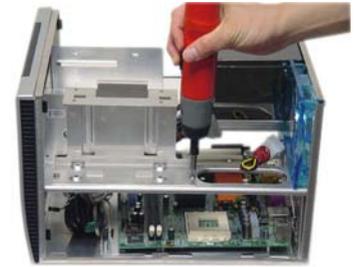
11.Push motherboard tray back to the case.

12.Remove 5.25″ drive plate. It's easier to use a screw driver to pull it out a little.
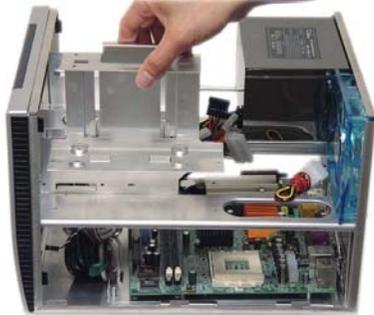
10. Then bend it up and down to detach it.

11. Once you detach the plate, Use a screw driver to knock it out.
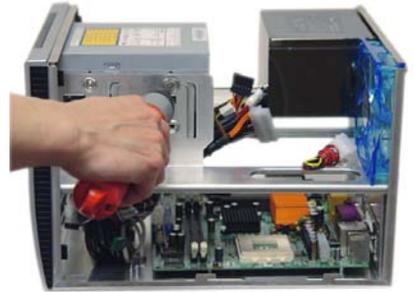
12. Unscrew the HDD cage.

13. Pull up and take out the HDD cage.

14. Install 5.25 drives.

15. Screw them in place.

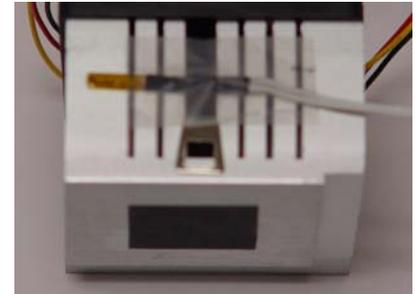16. Install 3.5" drives.

17. Screw them in place.

18. Put the HDD cage back.

19. Screw it up.

20. LCD sensors: You can tape temperature sensor on HDD to get more accurate temperature of HDD.

20. Tape another temperature sensor on the heat sink of CPU fan to get CPU temperature. Then, connect the 4-pin male connector from the LCD to power supply 4-pin female connector.

Note:
For front USB, Firewire and Audio ports installation, please refer to your motherboard user's manual.

22.Put the U-Shape cover back and screw up.

23.You can carry it with the Front handle. It takes up to 40 lbs of weight.

X-Qpack Series USB/1394/Audio cable pin assignment

Cable	Cable Color	Function
USB 2.0	RED	+5V
	WHITE	-D
	GREEN	+D
	BLACK	GND
1394	WHITE	VP
	BLACK	VG
	RED	TPB-
	GREEN	TPB+
	BROWN	TPA-
	BLUE	TPA+
AUDIO	RED	MIC-IN
	BLACK	GND
	WHITE	MIC-POWER
	GREEN	LINE OUT FR
	BROWN	LINE OUT RR
	YELLOW	LINE OUT FL
	BLUE	LINE OUT RL

X-QPACK Addendum

System Guidelines:

1. Your CPU cooler should not exceed 76mm in height.

2. The X-QPack can accommodate graphics cards up to 254mm

   in length.

3. The power supply dimensions are:114mm x 148mm x 84mm.

   The PSU can be replaced with most standard ATX power

   supplies provided that your optical drives do not exceed

   172mm in length. Keep in mind that it will be a tight fit.

Changing the LCD display mode:

Our LCD temperature displays use Celsius as the default setting,

as is used on Intel/AMI motherboards. If you would prefer to

display system temperatures in Fahrenheit, you must set the LCD

switch to the "F" position. The switch is located on the PC board

at the rear of the LCD.

Removing the front panel:

With the 3-sided panel removed, locate the four screws that

secure the front panel. Unscrew each of them and unhook the four

clasps to remove. Use caution when handling panel wires.