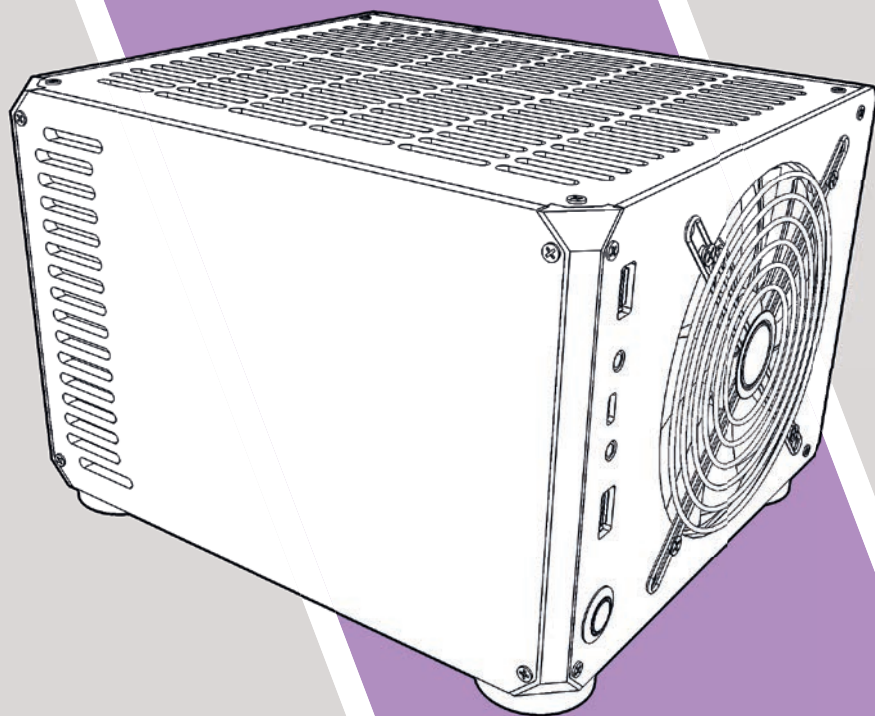




LZX-8 User Manual



Lazer3D LZX-8 Instruction Manual



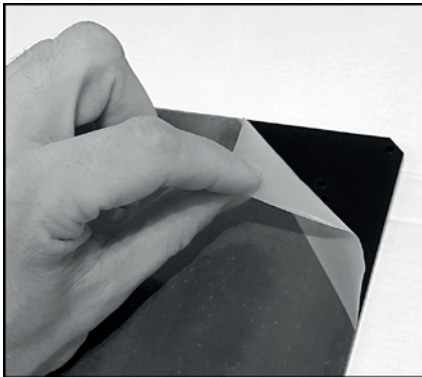
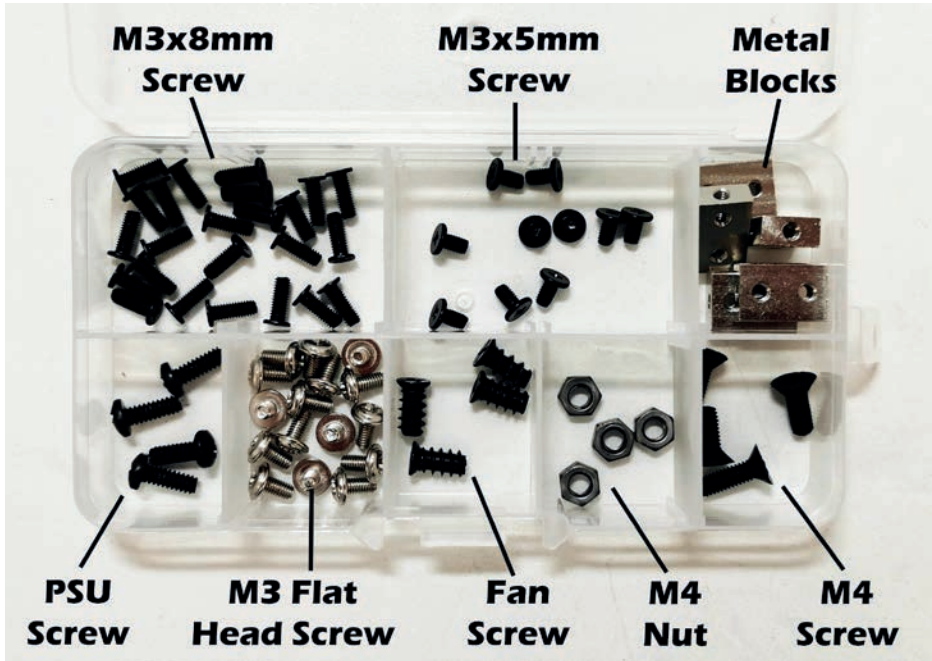
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SPECIFICATION

CASE MODEL	LZX-8	
SIZE	245mm (W) x 160mm (H) x 220mm (D) - not including feet	
	8.6 Litres Volume	
MATERIAL	Corner Columns	CNC Machined Anodized Aluminium
	Main Panels	5mm Sheet Acrylic (Perspex)
	Front Panel	Solid 5mm Wood, or 5mm Acrylic (Perspex)
	Side Panels	3mm Sheet Acrylic (Perspex)
MOTHERBOARD	Mini-ITX	Fully Compatible
	Mini-DTX	Compatible (if no backplate present under PCIe slot)
POWER SUPPLY	SFX	Fully Compatible
	SFX-L	Compatible but with reduced cable management space. Not recommended for use in combination with a 3.5" storage drive
EXPANSION CARD	2.5 Slot, Full Height, Limited Length (see pg 13-14 for clearance diagrams)	
	Up to 205mm in length	
	Up to 136mm in height (including PCIe power cable/connector)	
STORAGE DRIVES	2x 2.5" Storage Drives	
	or, 1x 3.5" Storage Drive (NOTE - GPU clearance reduced, see pg 13-14)	
CPU COOLER	Up to 72mm in Height (Compatible with Noctua NH-L12S - Recommended)	
	Under 62mm cooler recommended if using a top down cooler style (fan on top)	
CASE COOLING	1x 120mm or 140mm Case Fan (up to 25mm thick)	
I/O	16mm Anti Vandal Power Switch with LED Ring (included)	
	(Optional) I/O Panel	2x USB 3.0 - Gen 1 speed)
		1x USB Type-C - Gen 1 speed (uses same motherboard connection cable as USB 3.0 ports)
		(Optional) 25w fast charge for Type-C port with included Sata Power Adapter Cable
		1x Mic Port
		1x Headphone Port

**PLEASE READ THESE INSTRUCTIONS
CAREFULLY BEFORE ASSEMBLING THE CASE**

COMPONENT LIST



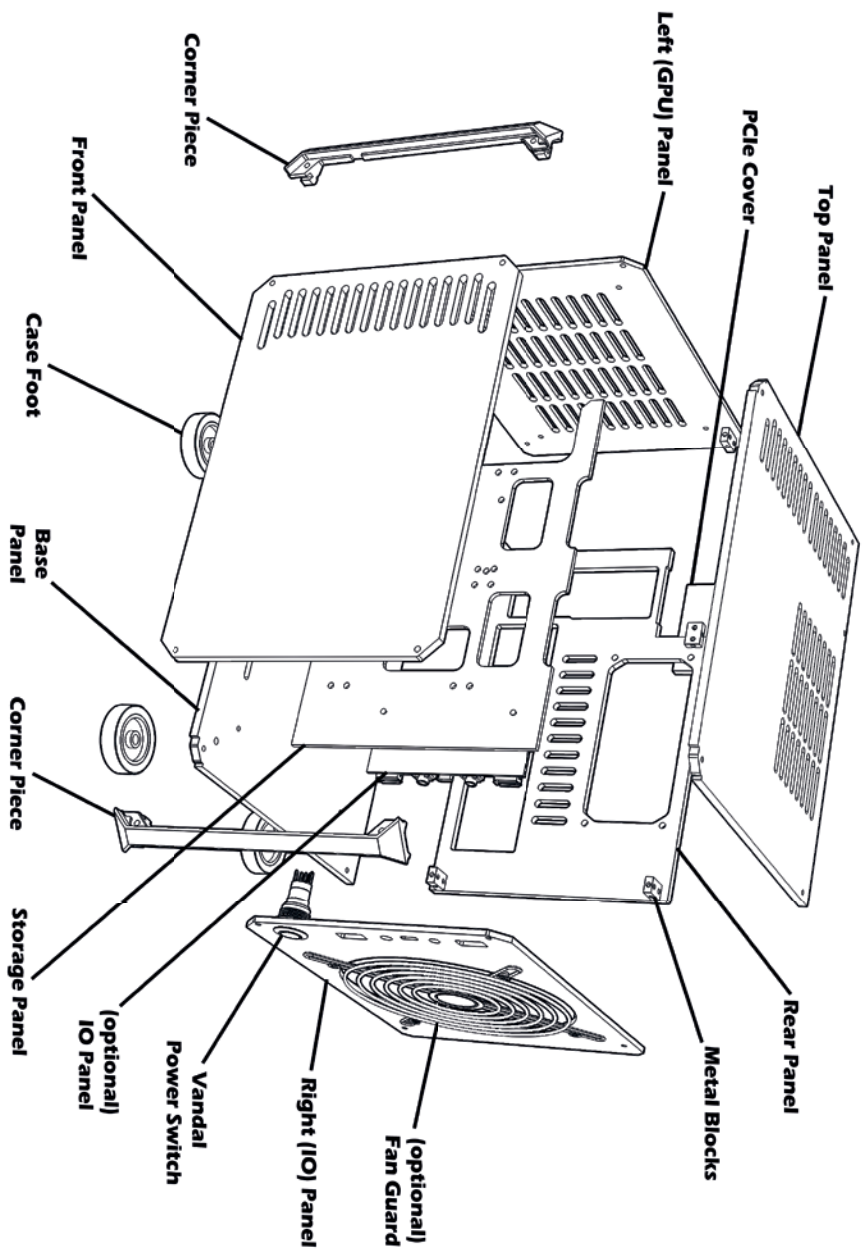
NOTE:

Peel off protective film from **BOTH** sides of each panel before assembling the case.

WARNING: The case is not at full strength until fully built, please take care when assembling.

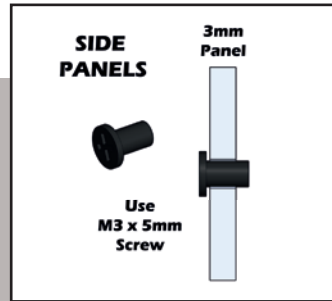
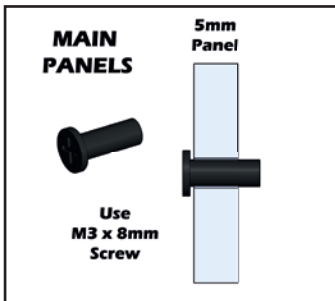
WARNING: Do not over-tighten the screws when securing the panels as this can reduce thread life.

QUICK ASSEMBLY REFERENCE



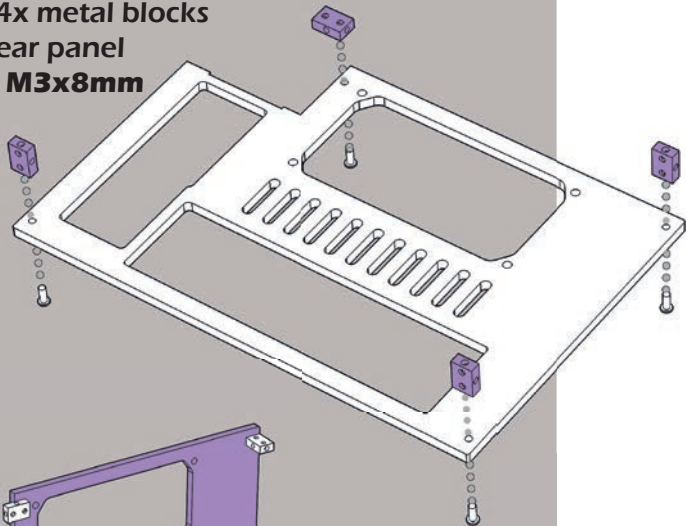
ASSEMBLY TIP:

Use a PH1 screwdriver with the M3x8 and M3x5 screws



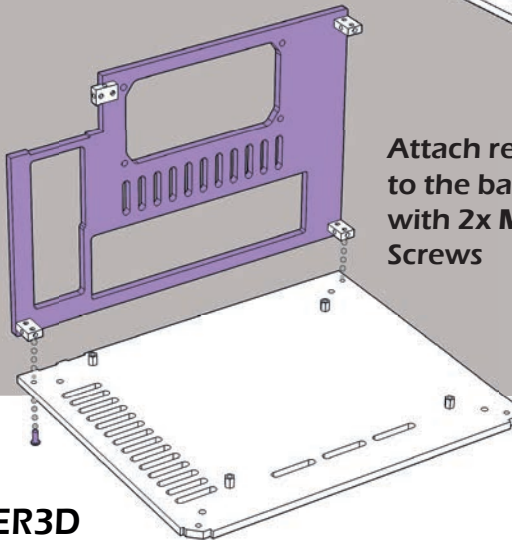
1

Attach 4x metal blocks to the rear panel with 4x **M3x8mm** Screws



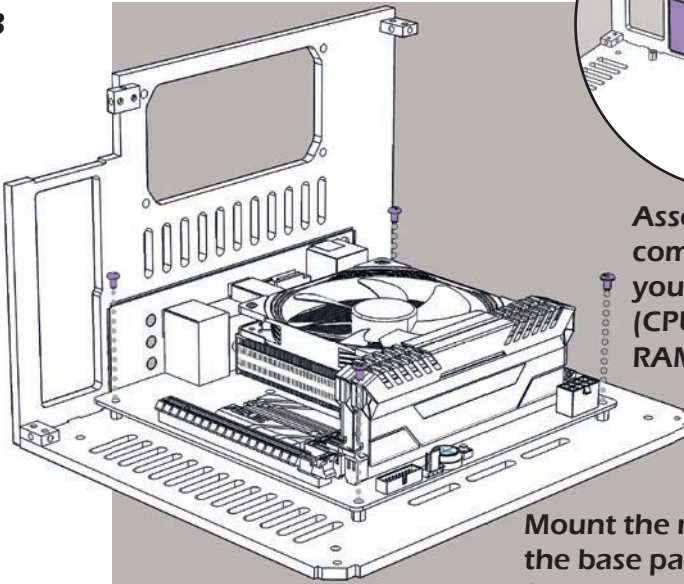
2

Attach rear panel to the base panel with 2x **M3x8mm** Screws



Don't forget to insert your IO Shield!

3

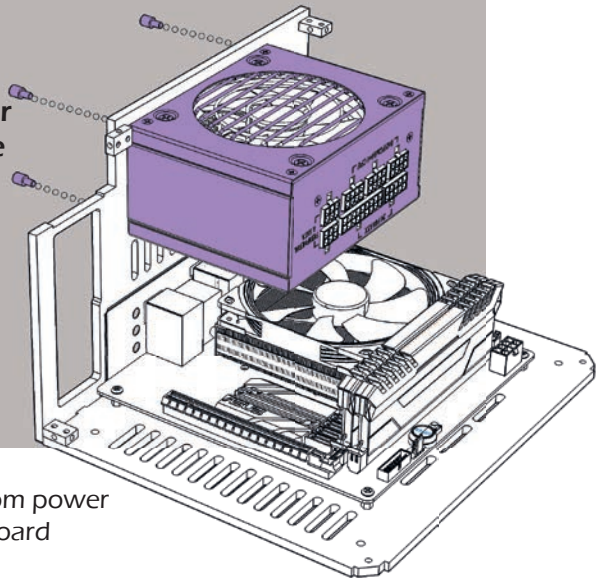


Assemble the main components onto your motherboard (CPU/Cooler/ RAM/M.2 drive etc)

Mount the motherboard to the base panel with 4x M3 flat head screws

4

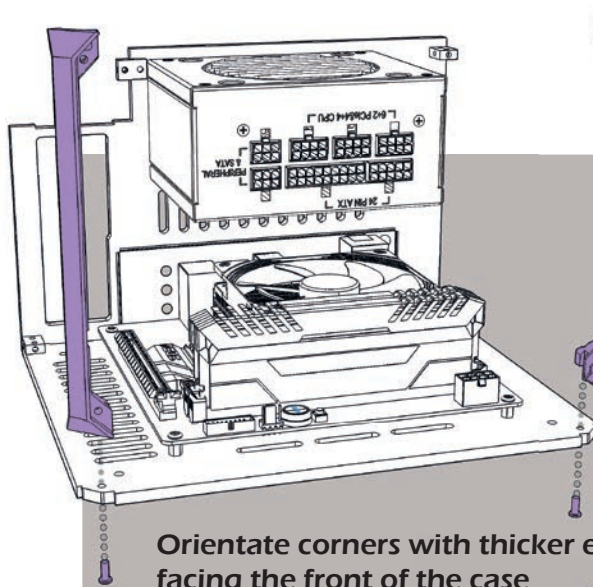
Attach Power Supply to the rear panel with 4x PSU screws



ASSEMBLY TIP:

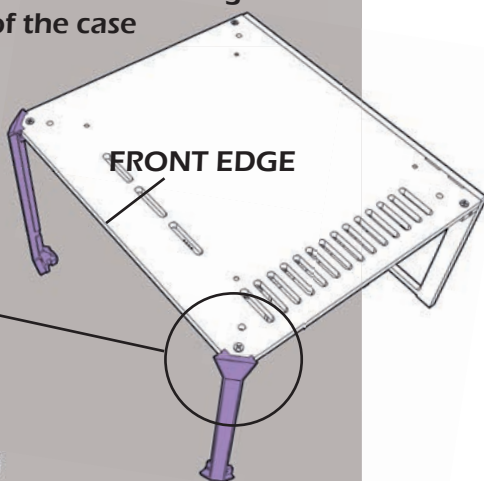
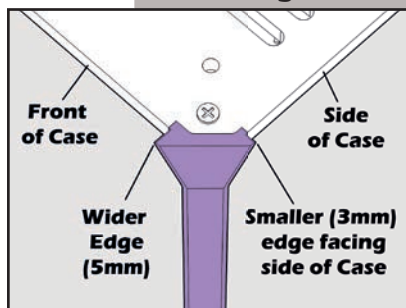
Start attaching cables from power supply into the motherboard

5

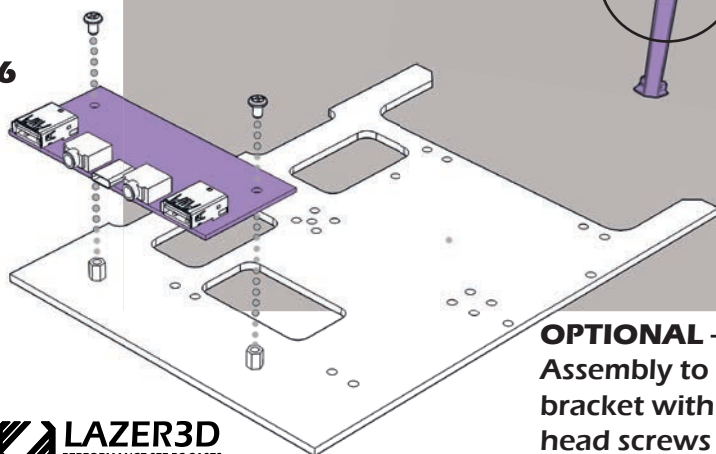


Attach the 2x
Corner Pieces
to the base
panel with
2x M3x8mm
screws.

Orientate corners with thicker edge
facing the front of the case

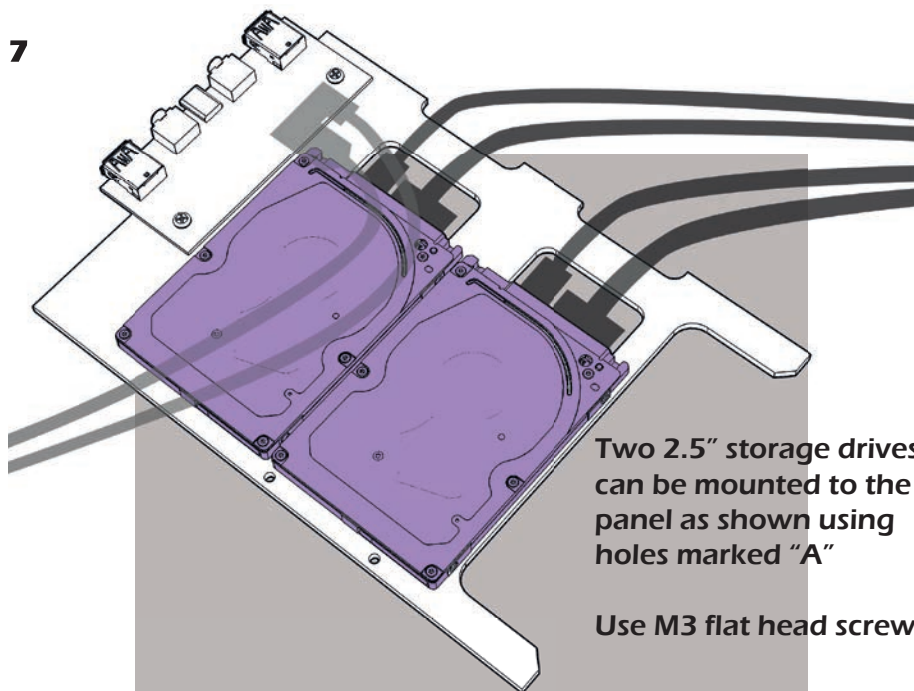


6



OPTIONAL - attach I/O
Assembly to the storage
bracket with 2x M3 flat
head screws

7

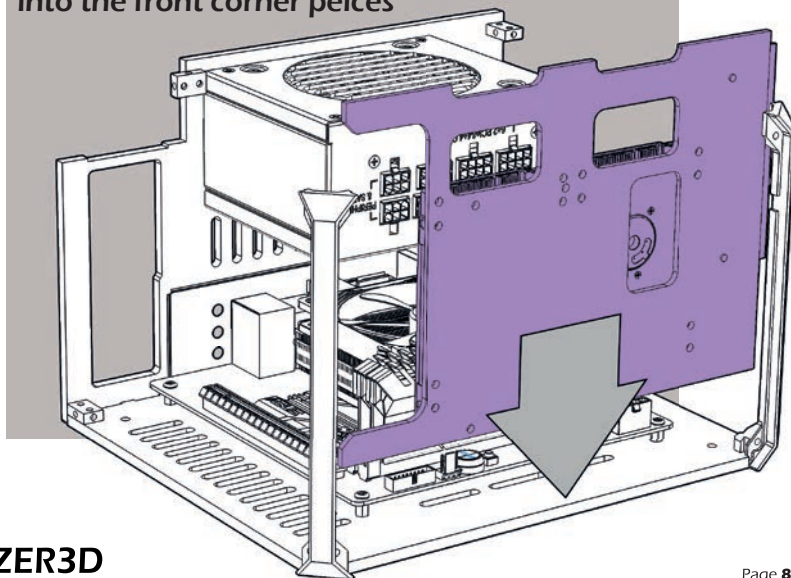


Two 2.5" storage drives can be mounted to the panel as shown using holes marked "A"

Use M3 flat head screws

8

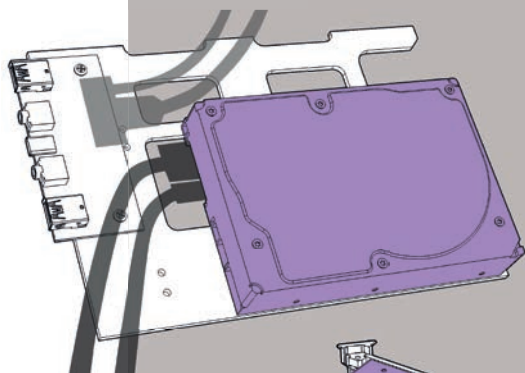
Connect wiring for I/O panel and Sata cables into motherboard, then slide storage panel into the front corner peices



Dual 2.5" drives sit in front of the motherboard as shown here

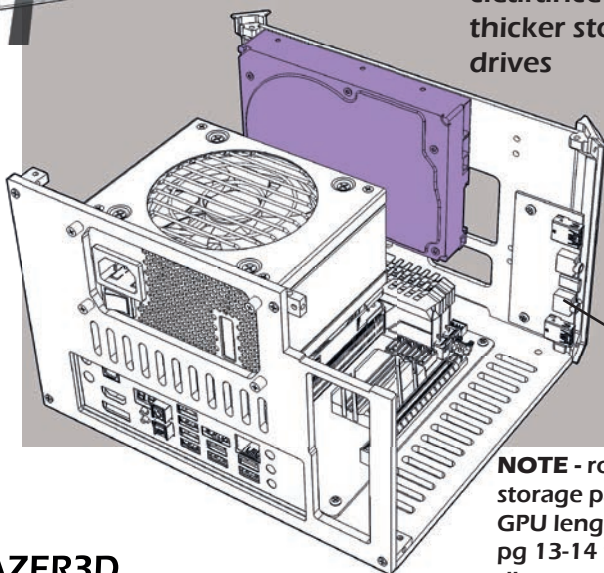
9

Alternatively a single 3.5" storage drive can be mounted using the screw holes marked "B"



The storage panel can be rotated 180 degrees to provide extra clearance for thicker storage drives

10



NOTE - Side panels also need to be switched to opposite sides if using the optional I/O

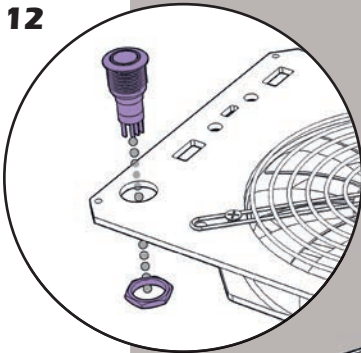
NOTE - rotating the storage panel reduces the GPU length, please see pg 13-14 for clearance diagrams

Mount 120/140mm case fan with (optional) fan guard to the right side panel, using 4x Case Fan screws

11

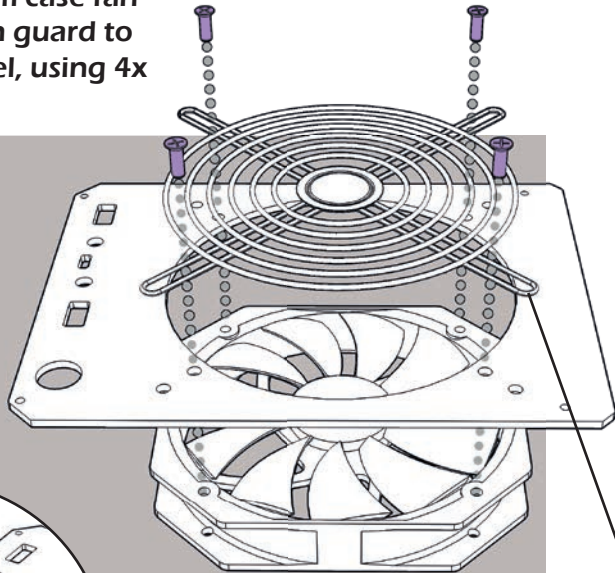
Attach Vandal Power Switch to side panel with supplied nut

12

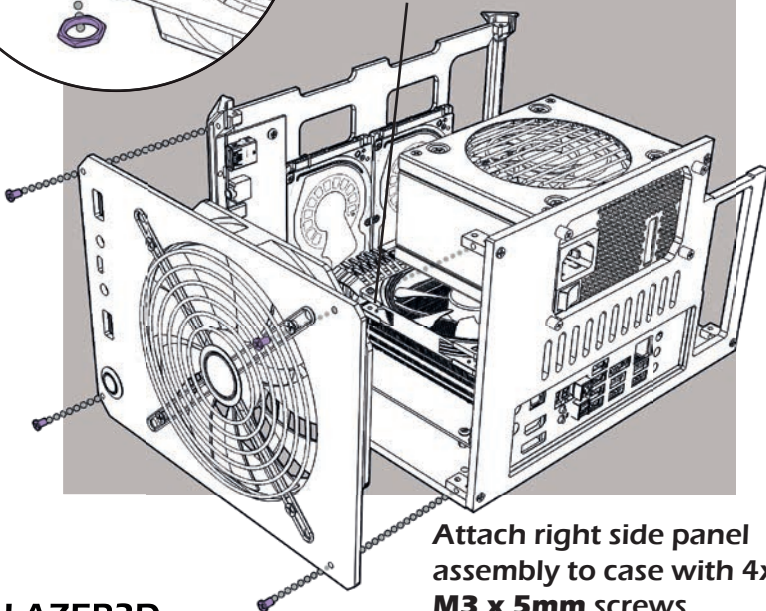


Connect Vandal Switch and Case Fan cables to the motherboard

Alternatively the fan guard can be attached using 4x M4 screws and 4x M4 nuts

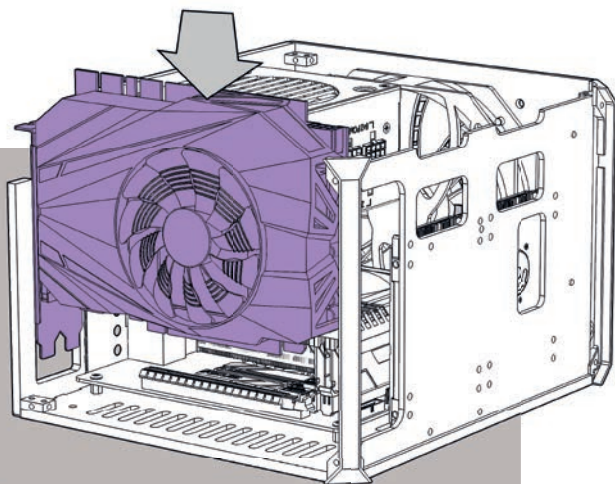


13

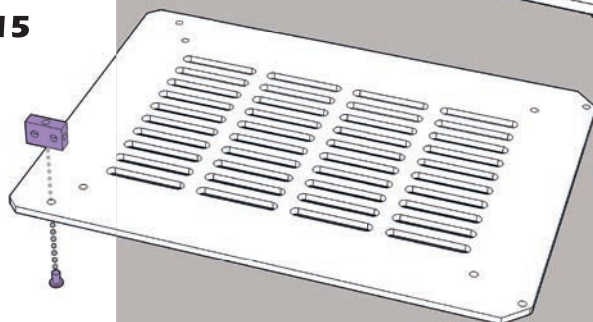


Attach right side panel assembly to case with 4x M3 x 5mm screws

- 14** Insert and lock expansion card into motherboard



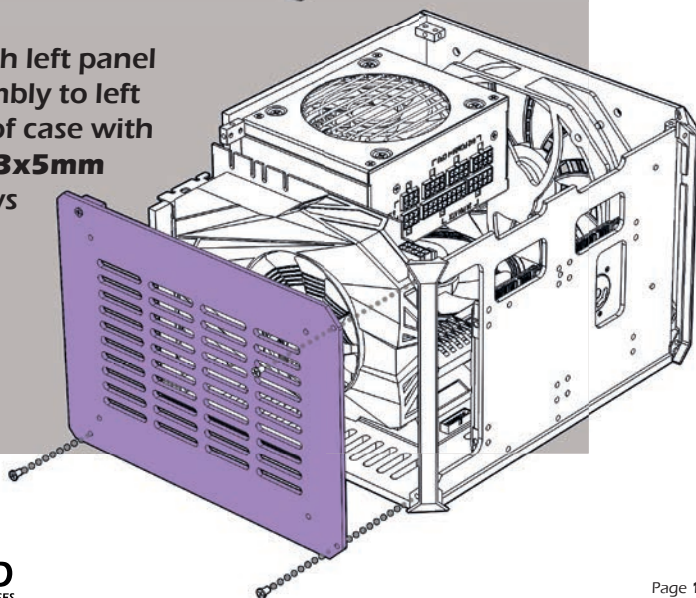
- 15**



Attach 1x Metal Block onto Left Side Panel as shown with 1x **M3x5mm** screw

- 16**

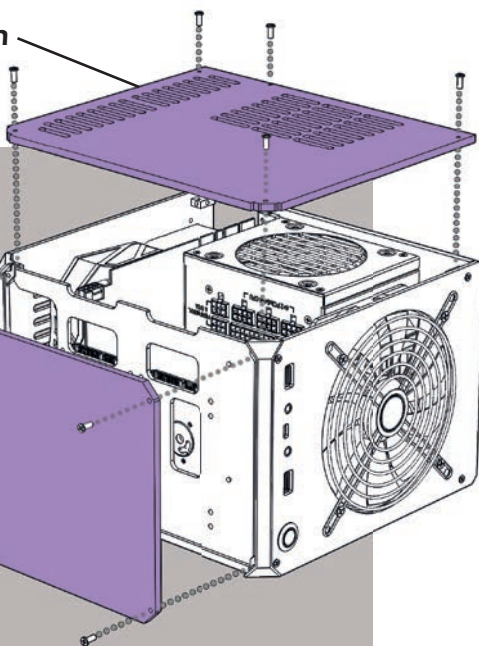
Attach left panel assembly to left side of case with 3x **M3x5mm** screws



17

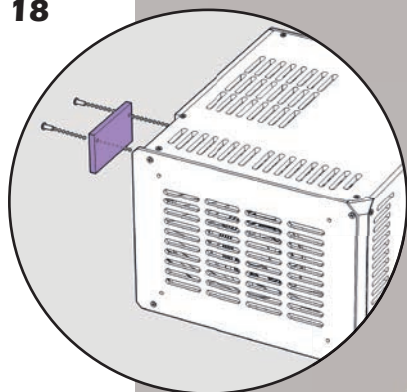
**Attach Top Panel with
5x M3x8mm screws**

**Attach Front
Panel with
4x M3x8mm
screws**



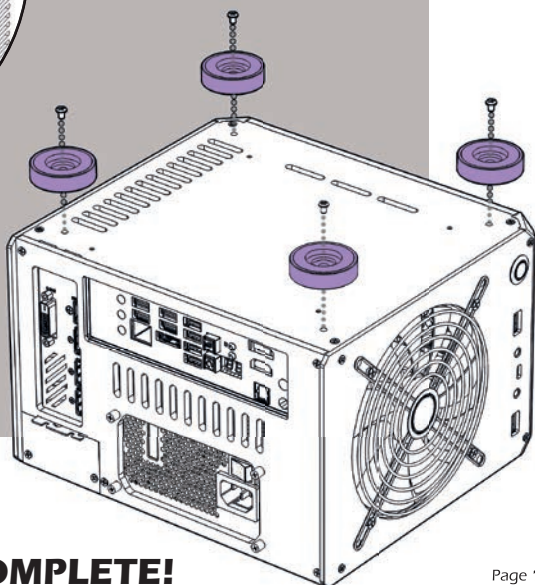
18

**Secure expansion card in place by
attaching Expansion Cover Panel to
rear of case with 2x M3x5mm screws**



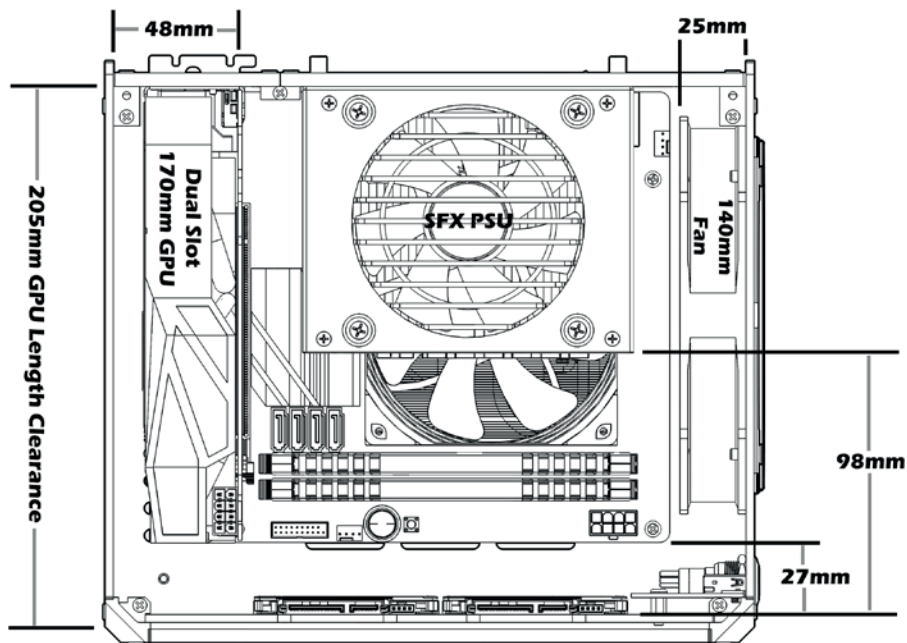
19

**Mount case
feet to bottom
of the case
using M3 Flat
head screws**

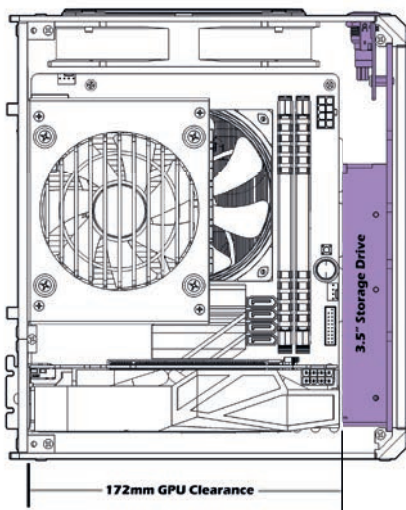


CASE ASSEMBLY COMPLETE!

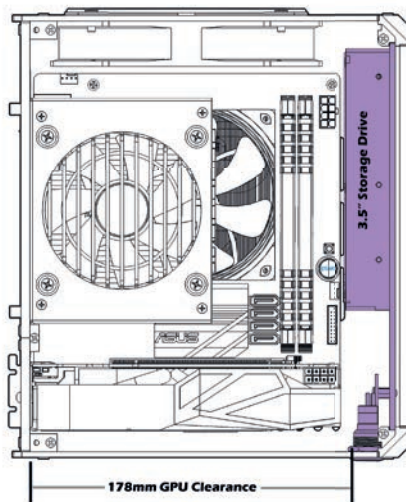
Top Down View - Standard Layout



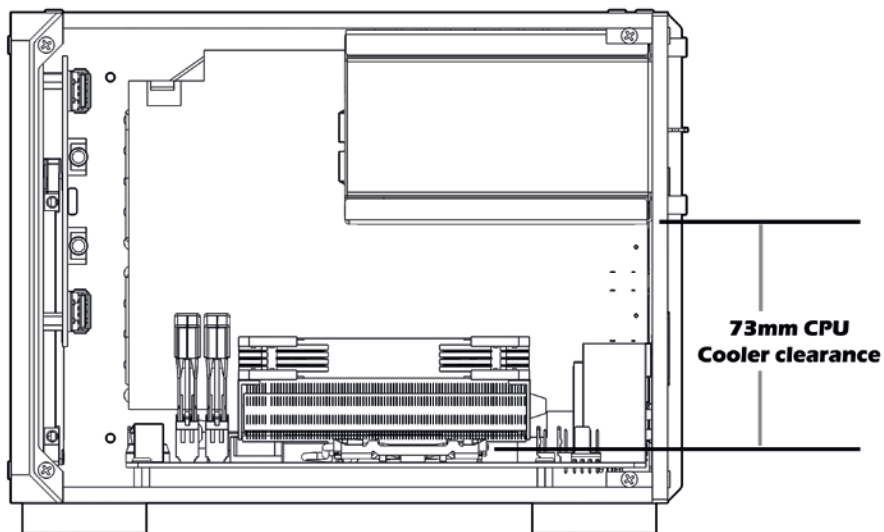
Standard Layout with 3.5" Drive



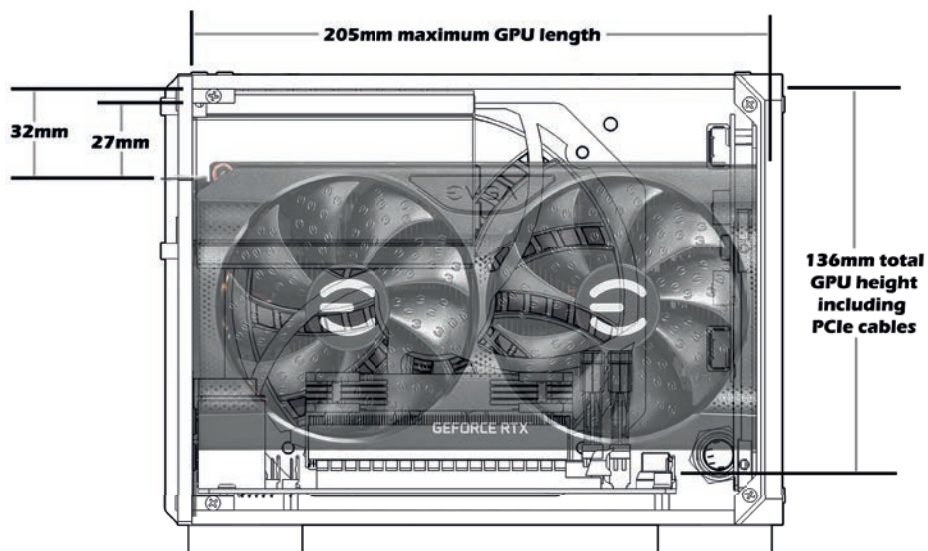
Flipped I/O Panel with 3.5" Drive



Side View - CPU Cooler Clearance



Side View - GPU Clearance



GPU Model Shown - EVGA RTX 3060 Ti XC Gaming

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Contact us: info@lazer3d.com

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