INTRODUCING

DA2

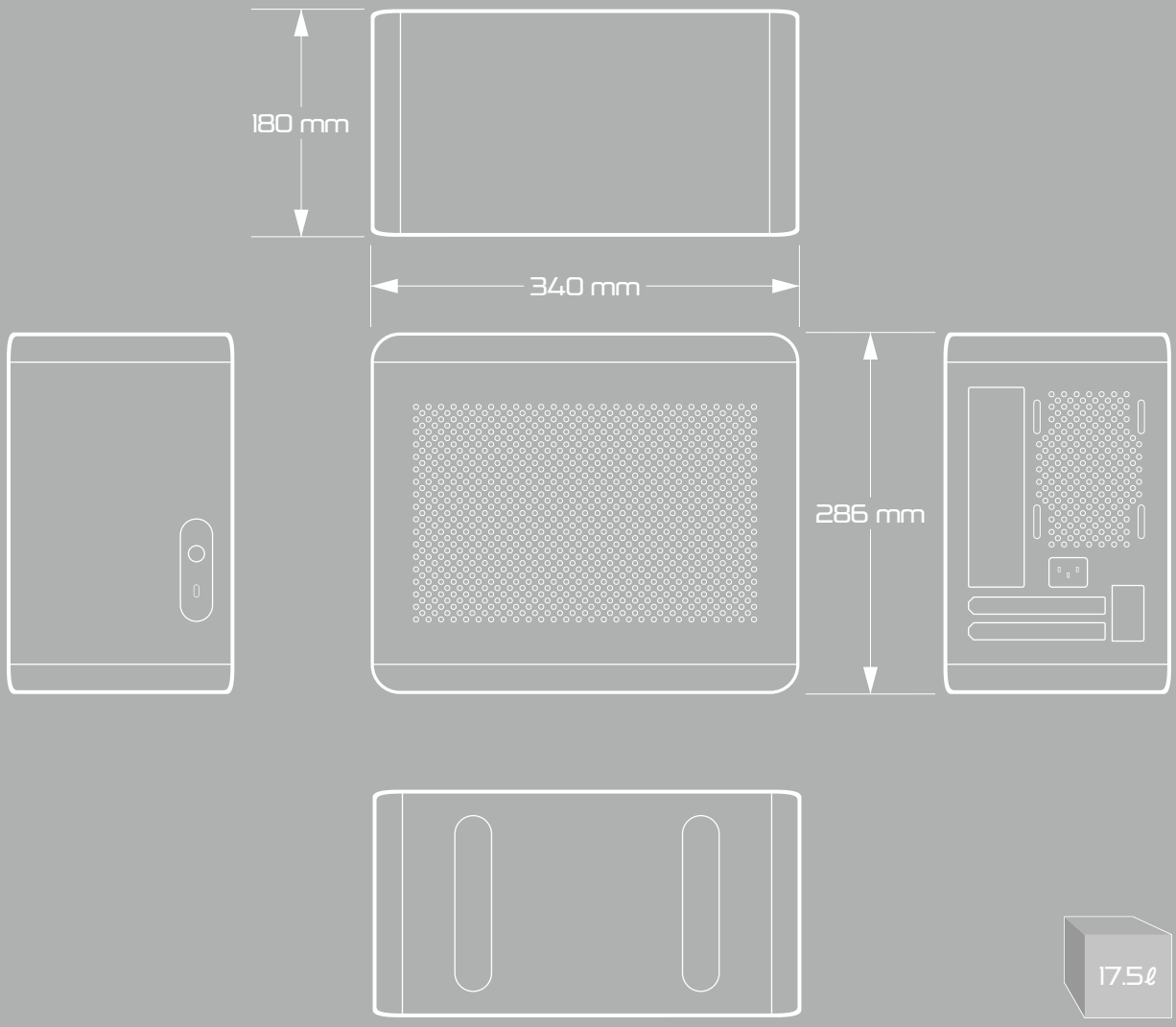
DA2

Cut to the Case

Its just an empty box, skip the blurb and show me the specs ....

Form Factor: SFF Mini Tower
CPU Cooler Max Height: 145mm
PCI Support: Dual Slot, 330x150x50mm (LxWxH)
Fan Support: 40 to 180mm, 92mm (Rear)
Drive Support: 3 x 3.5" or 8 x 2.5" (/Bracket)
PSU Support: SFX, SFX-L and ATX*
Dimensions: 340 x 286 x 180mm, 17.5ℓ

Motherboard Support: Mini-ITX
Water Cooling Support: 120 to 280mm
Front Port: USB Type-C (3.0 ungradable to 3.1)
Primary Material: Aluminium 6063
Finish: Sandblast, Silver or Black
RGB Lighting: Seriously ? No!
Weight: 3.9kg



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The Long Story

Streacom is no stranger to the small form factor (SFF) PC case, its been an focus since day one, even going so far as to develop our own NanoPSU, which was an essential component in reducing the size down to the absolute minimum. This resulted in extremely compact cases such as the FIC which measures just 197x 197x77mm, a volume of just 3ℓ, but with such a compact design comes limitations. Beyond the requirement for a custom PSU, compromises such as reduced CPU cooler size, low end or no discreet graphics card, limited storage, lack of water cooling and restrictive fan cooling, all resulting in complicated builds, lower performance, and higher operating temperatures.

We are not alone in trying to compress the footprint, there have been admirable attempts by other manufacturers to optimise the layout and space which has created some incredibly compact cases that still offer close to full size desktop performance. Unfortunately they too suffer from component limitations and relatively challenging builds. They also gravitate towards a somewhat uninspiring and generic oblong box design which is an unfortunate but understandable consequence of focussing on size optimization, and the pursuit of the title "world's smallest gaming case".

With all this in mind, we drafted our mission ..... to create a SFF case (under 20ℓ) which would by definition be compact and therefor space efficient, but also component friendly and incredibly versatile, without sacrificing the element of design. Of course being a Streacom product, design and quality would be part of its DNA, but this time with extra emphasis on supporting a wide range of standard components and build choices.

So here it is, the fruits of our labour, the DA2 ..... it wont win any prizes for being the smallest case on the market, but it does set a new benchmark in terms of size vs compatibility and versatility.

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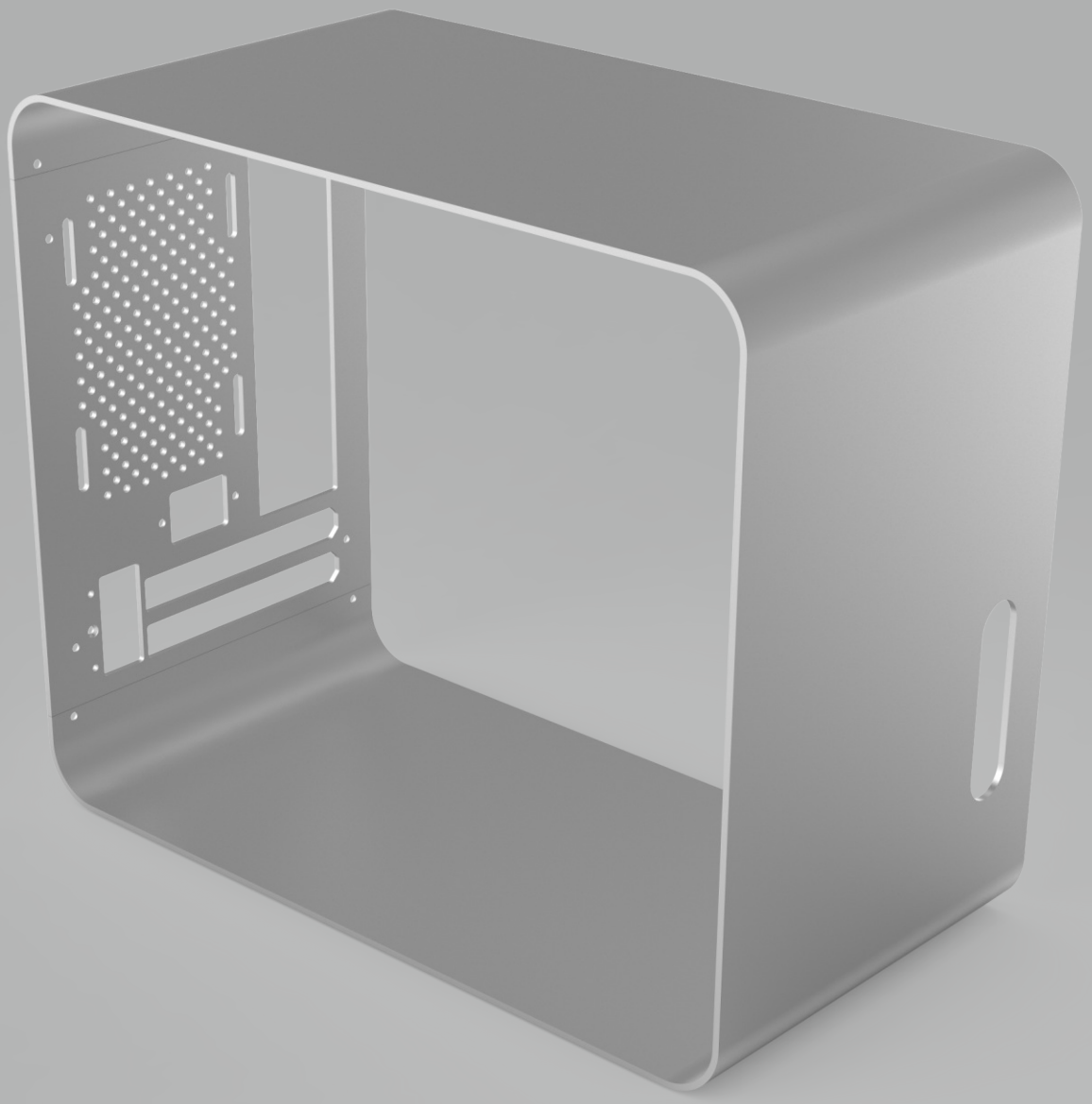
Same Same

So what makes this case different ? We think it starts from an easily overlooked but fundamental difference ..... Unlike many companies on the market, we dont use a 3rd party to manufacture, everything is done in-house, so instead of reusing the same tooling or following a forced design path, we have the freedom to explore a different approach and create something new. Of course there are brands that do their own manufacturing but they tend to be large legacy companies that are slow to push for change and content to remain in their comfort zone.

Our innovation is also driven by the inherent constraints of the materials we use. Aluminium might be cheaper than steel but that is the raw cost and only half the story as processing and finishing costs for aluminium are much higher. This forces us to constantly rethink how our products are engineered in order to stay competitive.

With the DA2 we have developed a new technic for assembling the outer body and internal frame which eliminates the need for bonding studs to the aluminium, resulting in an improved finish and the ability to re-orientate the outer frame, adding to the flexibility and customization potential.

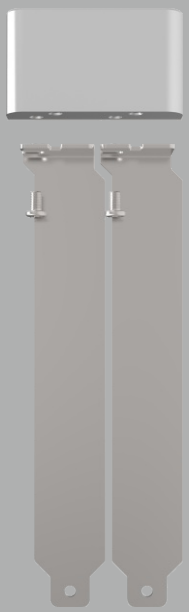


DA2 The Devil is in the Details

Its easy to assume that just because a case uses aluminium and looks great in photos, its going to have the same look and feel when its sitting on your desk in the flesh. Whether its using rivets instead of screws, 1.5 instead of 3 mm thick aluminium, or a brushed finish instead of sandblasted, those seemingly tiny details add up to vastly impact the real world experience.

Take the power button, its made from glass and features a discreet pinpoint of centred white light (sorry, no RBG, deal with it) designed to allow for different orientations and looks subtle but sophisticated. Using glass also gives a better tactile feel and contrast from the aluminium body.

Its mounted on what we call the front I/O which is milled from a solid block of aluminium and includes a single USB type-C connector (finally a USB socket that looks good enough to place on the front). The entire assembly has been designed with future proofing in mind. Type-C might be all the rage this year, but tech changes all the time, so the front I/O is designed to be removable and interchangeable. Should USB change, you wont need to replace the entire case, we can simply fabricate an updated front I/O or even an entirely different set of ports if there is a demand for it.



The typical approach to the expansion card support is to punch a flap in the rear panel which form the opening and acts as the screw fixing post. To cover the hole, another 'L' shaped bracket is fabricated and screwed to the back panel. It's a industry standard and simple solution, but its visually unappealing and the 'cost cutting, easy option'.

Just like the front I/O, the PCI support is also milled from a solid block of aluminium, so even though its on the back of the case and arguably out of sight, we didn't cut corners on the design and build quality.

These seemingly insignificant differences, the attention to detail, and the refusal to compromise, that when combined, sets this case apart and is why its difficult to compare it on spec alone.

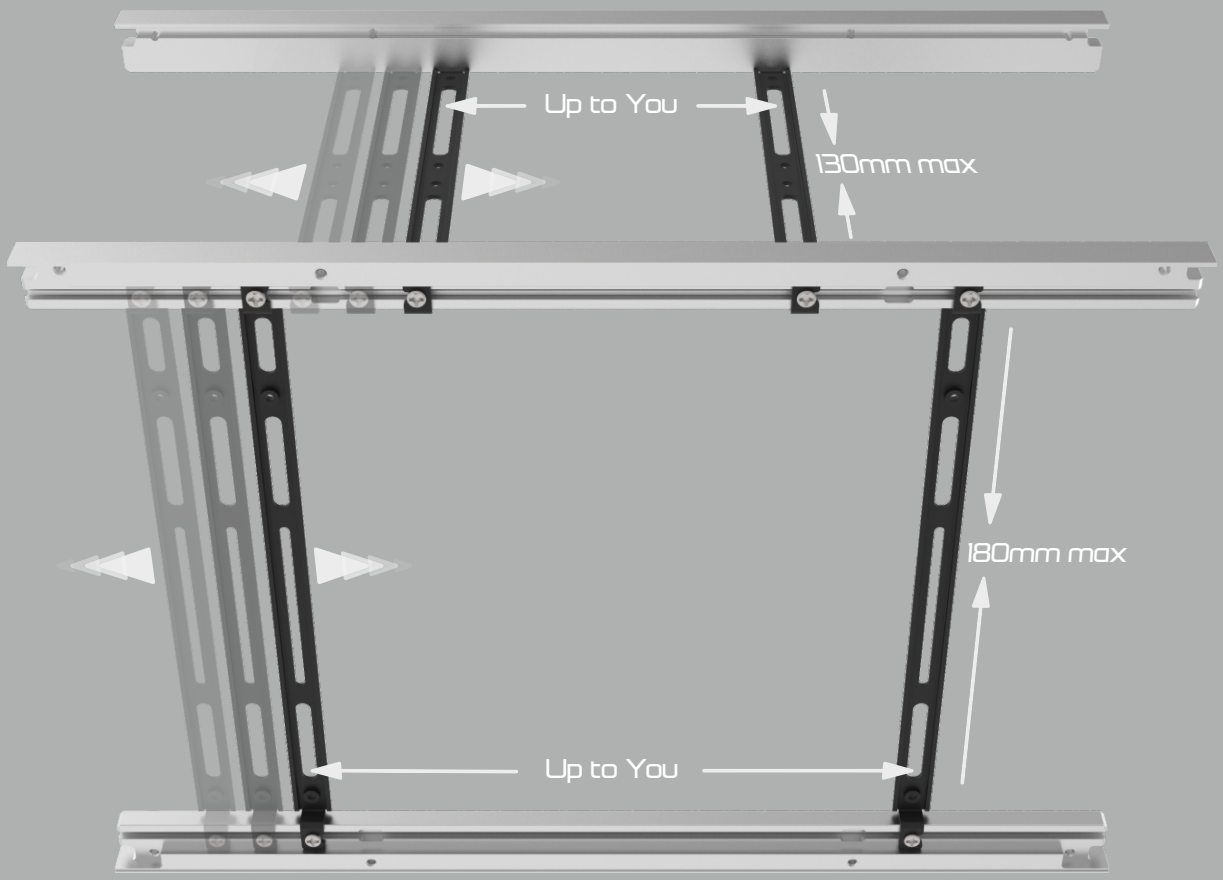
DA2 The Universal Approach

Dedicated bays for drives, fans, radiators, etc are great for making builds fast and easy, but terrible if you want to optimize the usable space and create a truly customizable platform. So when we created our last 2 cases, the F12C and DB4, we pioneered the use of something we called the universal bracket. The DA2 also utilizes this innovative approach with a track that is integrated into the frame, allowing the brackets be fitted anywhere along the sides of the case.

There are 2 sizes of universal bracket, the vertical (on the sides) and the horizontal (top and bottom) that allow virtually anything with a mounting hole to be fitted. Other than the motherboard and expansion card (which can still be flipped if needed), every component can be reposition anywhere along the tracks, giving unprecedented levels of customization.

So with these tracks and brackets, what can I fit ? Well it's a little tricky to give a definitive answer because so much depends on what combination of components you use, but the general rule is this ...

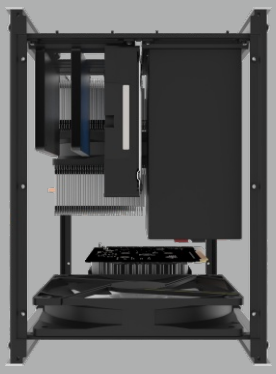
If it physically fits inside the case, there is going to be a way to mount it :)



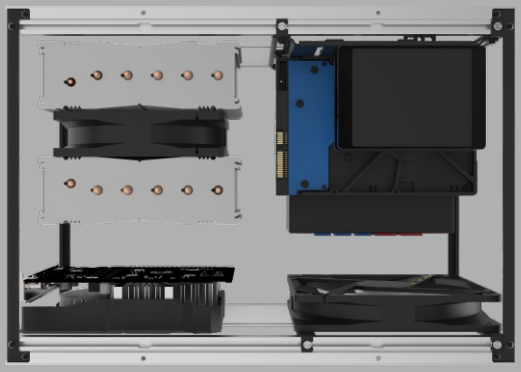
DA2 Examples Please

A picture paints a thousand words..... To keep the components and layout easy to see, the motherboard is not show since that is a given and will always occupy the same area within the case.

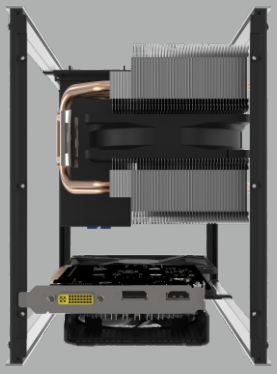
Example 1 - A typical build using a compact to mid-size GPU, SFX-L PSU, 140mm tall CPU Cooler, 1 x 3.5" + 2 x 2.5" drives, and 140mm intake FAN for additional case cooling.



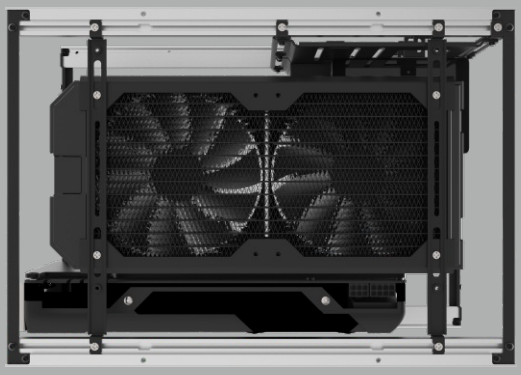
FRONT



SIDE



BACK



Example 2 - Something with a bit more kick, a Full Size GPU (card shown is 270mm in length), SFX-L PSU, 240mm radiator, and 2 x 2.5" drives for storage .... game on.

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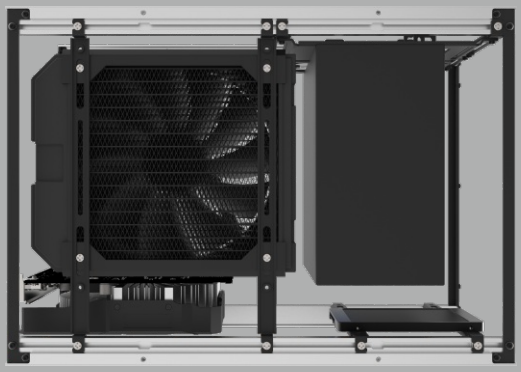
More Please

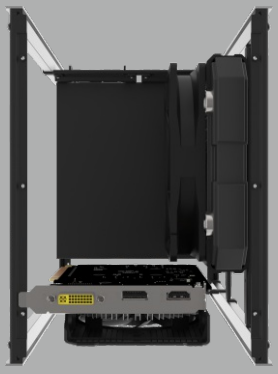
Still not clear ? No problem, here are some more examples :)

Example 3 - Whilst the case was optimized for SFX, it can even accommodate an ATX PSU together with a mid size GPU (up to 225mm in length), 140mm Radiator and 1 x 2.5" drive.

FRONT



SIDE



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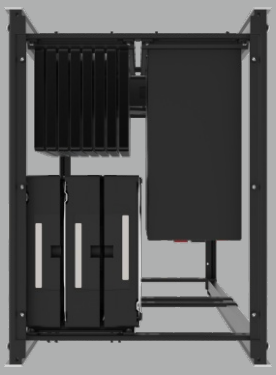

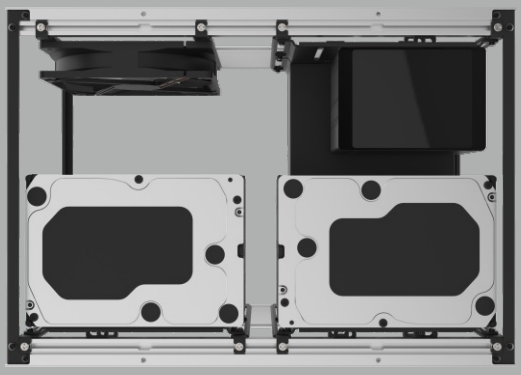

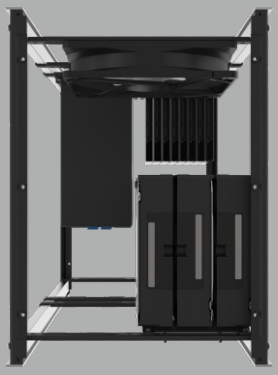

Example 4 - With the use of an additional drive bracket, you could create a NAS with 6 x 3.5", 8 x 2.5" drives and some fans for cooling.

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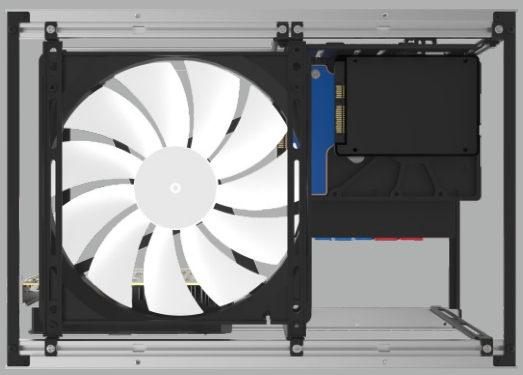
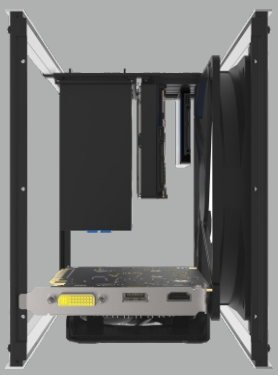
Even More ?

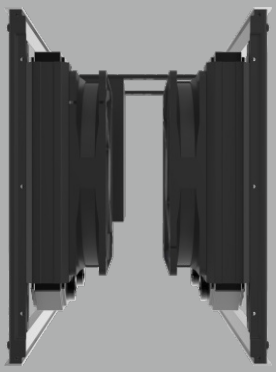
We are not kidding, it really is flexible .....

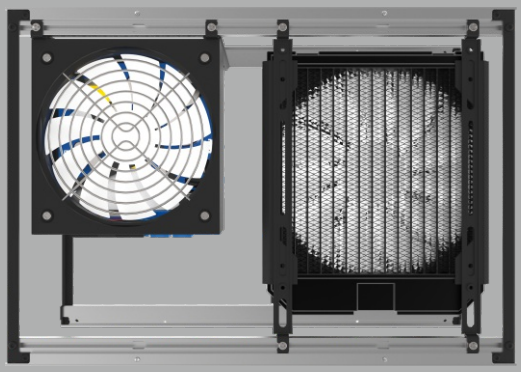
Example 5 - Maybe not the best use of space, but this is how you could fit a 180mm fan for a low RPM low noise setup.

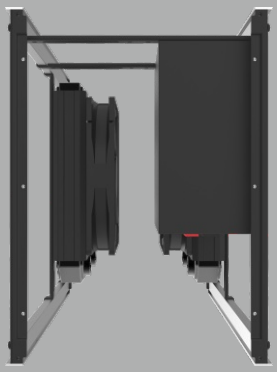




F R O N T S I D E B A C K







Example 6 - Mounting the SFX PSU towards the rear opens up a large space at the front of the case, ideal for all kinds of exotic mods, this examples shows 2 x 140mm radiators.

DA2

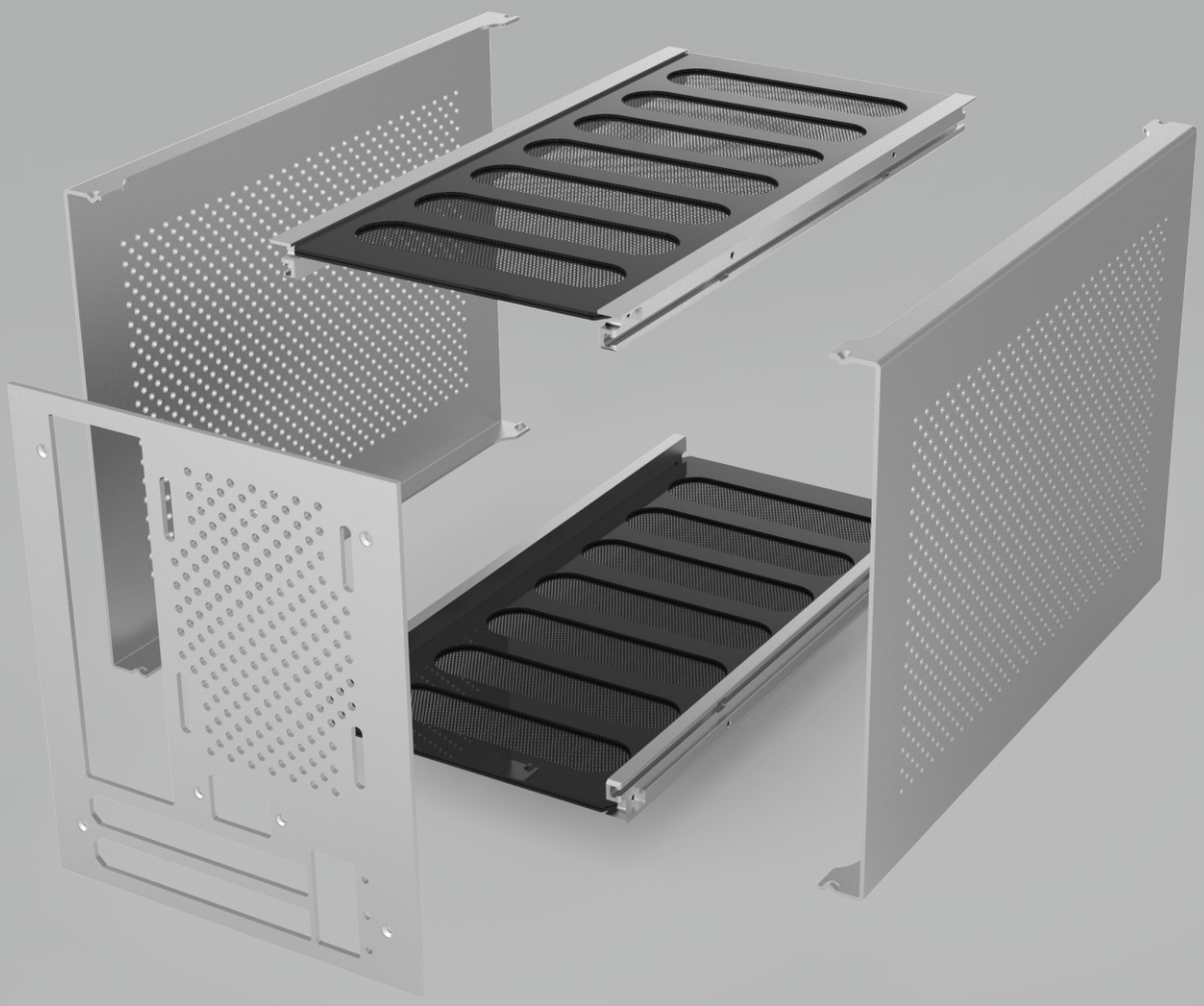
Hello Airflow

Coming from a background in Fanless cases we thought it would help if we looked to the competition for inspiration and noticed a trend ..... "restrictive front panel airflow". Not content with simply imitating, we took it to the next level, the DA2 has ZERO front panel airflow.

OK, jokes aside, there really is no front panel airflow, but the good news is that every other panel is extremely well vented, with over 2000 precision holes on the sides and back panel. The upper and lower panels feature mesh grills, and whilst they are partially concealed by the outer frame, (which is a character design feature) the opening is wide enough to be unrestrictive, resulting in excellent airflow from every side of the case (other than the front :p). Its worth considering that not many cases have such great clearance for lower air intake.

The universal brackets accept anything from a 60mm fan (yes, really unlikely), all the way up to a 280mm radiator, with any size in between, so your high performance components are not going to suffer from overheating.

Lets address the elephant in the room, no we don't supply fans ..... why ? Well because you are going to choose your own anyway, and with so many different configurations, there really is no correct fan to include, so bundling a stock fan just doesn't make sense.

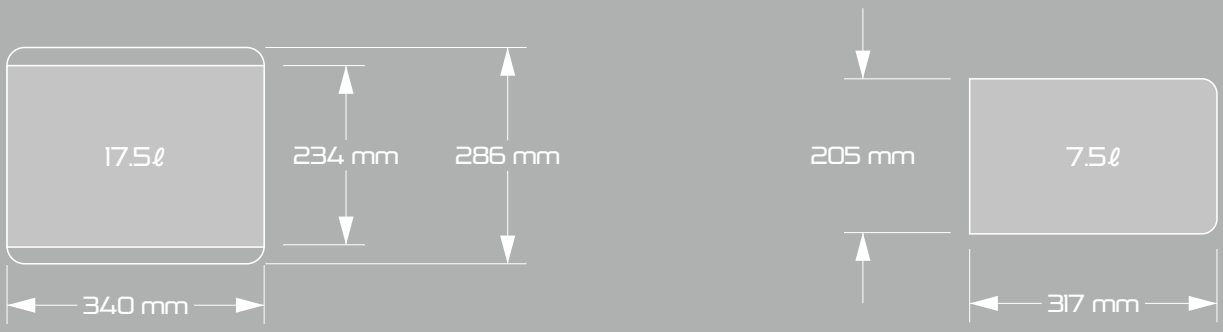


DA2

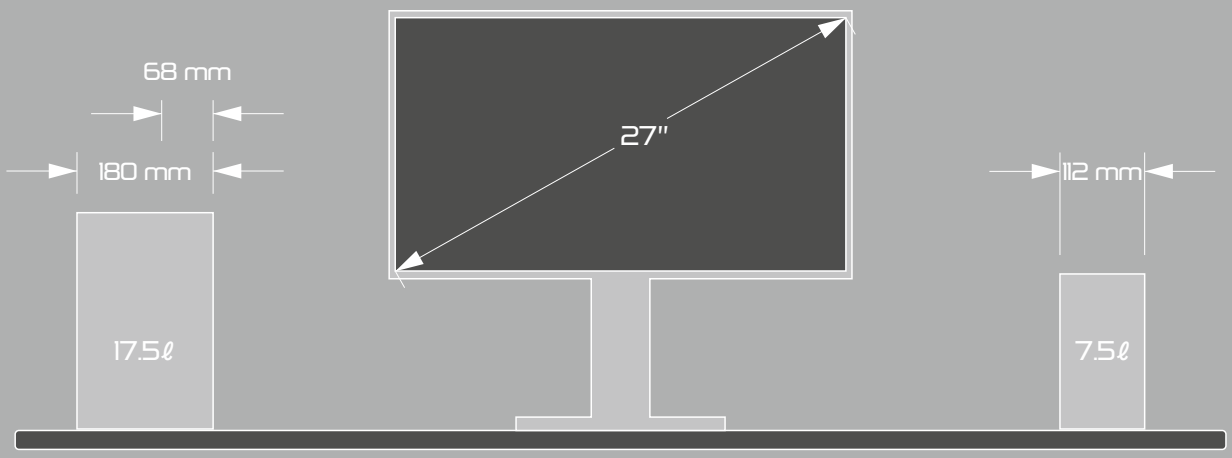
Big but Small

If portability is what you need, 'smaller is better' is a hard argument to challenge, but when it comes to a typical desktop setup, the argument is not so clear cut. With the current smallest gaming capable ITX cases coming in at 7.5ℓ, its easy to think that 17.5ℓ is going to take over your desk, but lets put that 10ℓ difference into perspective and consider the real world practical difference.

In terms of depth, there is 23mm difference, which is really negligible and wont have a noticeable impact on desk real estate. We needed that to allow for longer graphics card and the use of an ATX PSU, so we think its worth it.



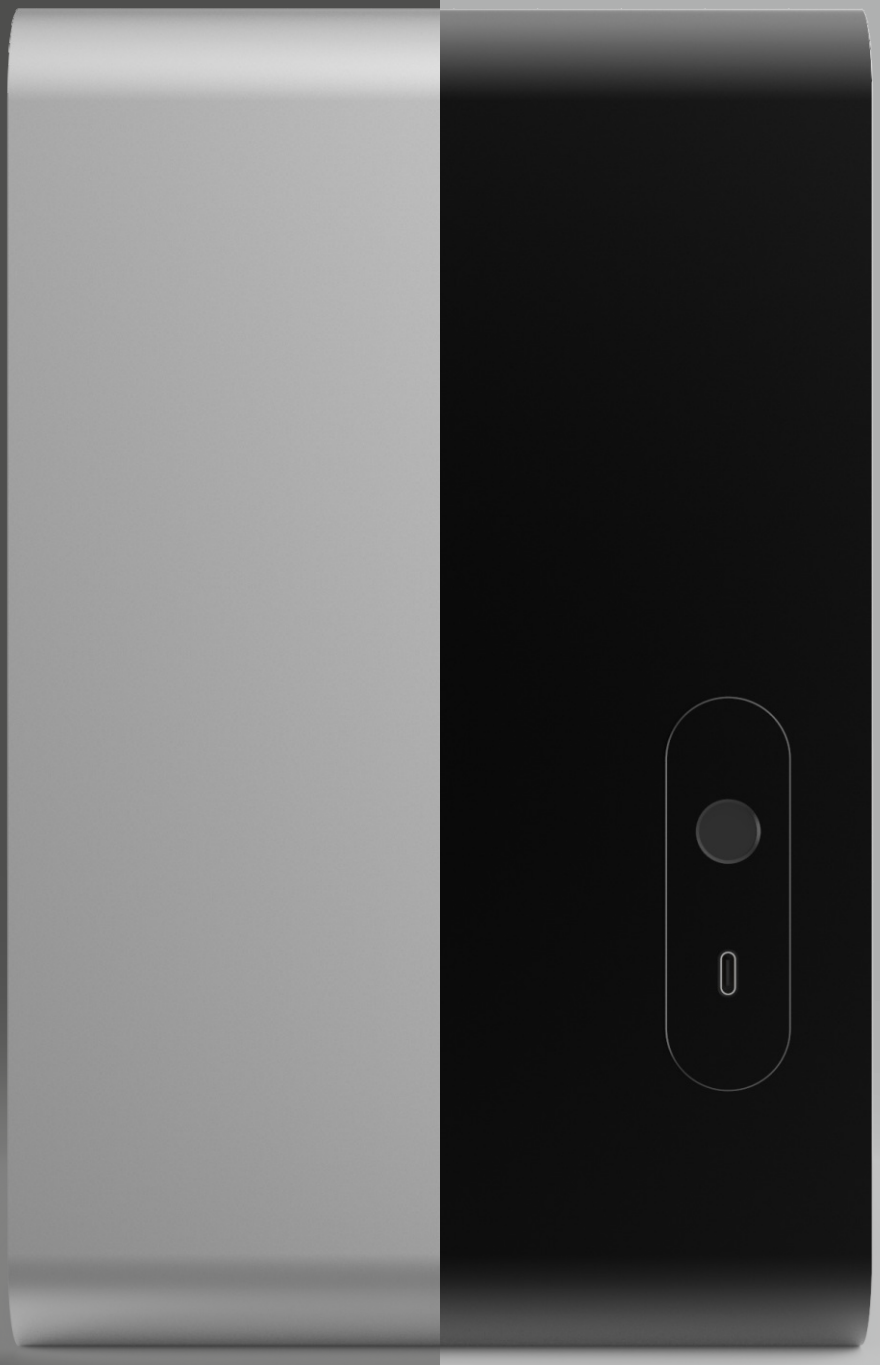
Height is the biggest numerical difference, with the DA2 being a whopping 81mm taller, but unless your PC is going on a shelf, everything above the case is dead space anyway, so does it really have an impact? Its also worth considering that 52mm of that height difference is the open space at the top and bottom of the case which forms part of the design and contributes to the excellent airflow. Again, we like to think it's a sensible tradeoff for adding that extra airflow.



Width is the main practical difference in terms of desk space as that accounts for an additional 68mm which is about the diameter of a soft drink can, but that sacrifice gives you 145mm of clearance for an air cooler. Again it's a carefully considered trade off if it means your system is going to run cooler and quieter, as noise is going to be a far larger distraction than size, especially for a case designed to be placed on your desk.

Scale 1 : 10

DA2



Silver

Black

DA2

Black

Silver

DA2

Silver

Black

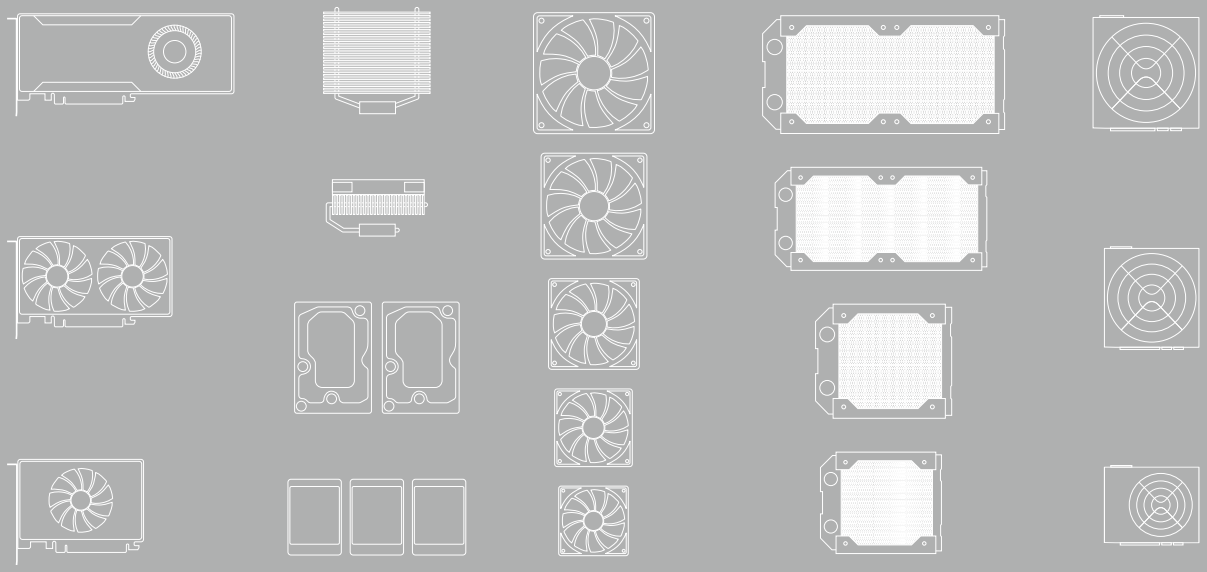
DA2 Compact but Compatible

In short, the DA2 is a compact ITX case designed to strike a balance between size and compatibility, allowing high performance components to fit comfortably in a small form factor space.

Its unique approach to mounting components makes the case incredibly versatile, greatly improving the range of hardware and type of systems it can be used for.

Visually the DA2 is another testament to what Streacom does best .....

minimalist ..... innovative ..... timeless design



The

DA2

One Case, Limitless Possibilities