Singularity Computers
Spectre 2.0 Mid Tower Case
- White

Product Images
Short Description

Spectres design is focused on integration of liquid cooling components. The idea was to create a streamlined crossover between liquid cooling and cases. To create something extremely user friendly but also a base for modders to take things to the extreme. To create a substantial cost saving in liquid cooling components. To create the first standardized production manifold.

Description

Integrated Liquid Cooling Components

Spectres design is focused on integration of liquid cooling components. The idea was to create a streamlined
crossover between liquid cooling and cases. To create something extremely user friendly but also a base for modders to take things to the extreme. To create a substantial cost saving in liquid cooling components. To create the first standardized production manifold.

Spectre has a built in reservoir, pump top and half of the tube is also built into channels in the acrylic manifold. It includes a fill and drain port, integrated for ease of use. The built in loop is a single loop capable of handling the two 360mm radiators which can be installed, SLI and as many components as you would like to fit into this case. A second traditional loop can also be added. Any D5 pump with any pump cover or retention ring can be used (Singularity Computers Recommended). The case fits three SSDs or 2.5” drives. It can fit EATX motherboards, any current GPU and PSU.

The built in liquid cooling components mean that you save 30% or more on liquid cooling components. You don’t need to purchase a reservoir or pump top and you need far less fittings and tube. Cost savings are up to 50% in an ideal scenario.

Built-in Cable management

Cable management is built in with channels and cable combs to route and manage the cables. Cables can be accessed via 5 screws on the rear side panel. The case is transparent from both sides, the cables and loop are fully visible. There are cable channels hidden around the outside of the case for fans, lighting etc.

Highest Quality Materials & Advanced Manufacturing Techniques

The case is constructed using the highest quality materials and advanced manufacturing techniques. The manufacturing process is all done with a CNC Router and CNC Mill. The manifold is built from machined layers of cast acrylic sheet of varying thicknesses. The aluminium panels are all CNC machined billet, there is no folding. Each manifold is pressure tested during assembly.

Features

Introducing Spectre 2.0:

- Vertical GPU Mount now included.
- 40% more fluid flow inside manifold.
- Stronger, lighter manifold design.
- 60% less manifold fasteners for a cleaner manifold.
- Cable routing tweaks for all components.
- New ventilation design on front and top panels.
- Front I/O Removed. Power Button Only for a cleaner build.
- Streamlined 8pin EPS, 4pin ATX Cable Routing with more direct route.
- Smaller more streamlined rear cable cover.
- Spectre Elite Kit add-on now available, adding two more manifolds.
- The first commercially available case with an integrated manifold, designed exclusively for liquid cooling
- Integrated cable management channels and cable combs, just clip in your cables.
- Significant cost savings due to integration of the reservoir, pump top, pump cover, roughly half of the water-cooling loop and cable management. Vastly reduced build times.
- Modder friendly, no rivets, low component count, easy to assemble and disassemble. Easy to paint and modify aluminium components.
• Large radiator capacity, double that of the typical mid-tower case. 2x 360mm radiators 60mm thickness and thicker is possible.
• Incredible possibilities for lighting. The entire manifold glows with the addition of a single LED Strip in the integrated 30cm LED Strip position.
• Designed for maximum compatibility with a wide range of liquid cooling components.
• Supports multi GPU configurations.
• Flat packs for shipping to a small size.
• Maximum compatibility specifically for high end components. Enormous GPU and PSU length capabilities.

Checkout Spectre Gallery for more photos & Spectre Features for more videos

Features:

Optimised design for maximum compatibility.
Built in liquid cooling including Reservoir, Pump Top, Pump Cover & half of the loop.

Integrated cable management channels with cables combs for perfect cable routing.
Full easy access to PSU & cables from all angles.

Dedicated LED strip position makes the entire case glow.
Specifications

- Form Factor: EATX (Up to 305mm x 277mm).
- Case Form Factor: Mid Tower.
- Case Dimensions: H 556mm. W 535mm. D 304mm.
- Weight: 12kg Total, Manifold: 8kg.
- Package Size: 650x650x150mm (Flat packed with manifold assembled).
- Expansion Slots: x7.
- Storage: 2.5" x3, 3.5" None.
- Radiator Top: 360mm 60mm Thickness Maximum (unless fans mounted externally).
- Radiator Front: 360mm 60mm Thickness Maximum (unless fans mounted externally).
- Maximum GPU Length: 500mm.
- Maximum GPU Height: 150mm.
- Maximum GPU Width: 150mm.
- Maximum PSU Length: 280mm.
- Maximum CPU Cooler Height: 150mm
- Front Panel I/O: Vandal Switch Power Button Only
- Fittings compatibility: G1/4” BSPP Standard.
- Pump compatibility: Any D5 Pump. (Pump Not Included).
- Cables: Cable Combs designed for 4mm sleeved cables. (Stock cables can be used and other sizes but not with a perfect tight fit).
- Cable Lengths: There is plenty of space for excess cable length under PSU shroud.
- Vertical GPU Mount: x1 Included With Ribbon Cable. (Second can be purchased separately for dual GPUs).
- Aquearo 6 LT Mount: Optional (Select option during purchase)

### Weight
22 kg

### Dimensions
530 × 510 × 295 mm

### Case Color
Black

### Cable lengths
- 24pin: 700mm
- Pci-e: 680mm & 650mm (same for SLI)
- Eps: 800mm & 830mm (if mobo requires dual eps)
- Sata power: 260mm, 310mm & 360mm

### Spectre Fittings Package - Essentials
- Hardline Compression fittings – 16mm OD x9
- 90 degree Single Rotary – 16mm OD x3
- 90 degree Dual Rotary – 16mm OD x1
- 10mm Extension Fitting – 16mm OD x1
- 15mm Extension Fitting – 16mm OD x1
- 25mm Extension Fitting – 16mm OD x1
- 40mm Extension Fitting – 16mm OD x1
- Quick Disconnect Male – 16mm OD x1
- Quick Disconnect Female – 16mm OD x1
- Mini D-Plug – 16mm OD x1

### Spectre Fittings Package - Elite
- Hardline Compression fittings – 16mm OD x11
- 90 degree Single Rotary – 16mm OD x9
- 90 degree Dual Rotary – 16mm OD x4
- 10mm Extension Fitting – 16mm OD x1
- 15mm Extension Fitting – 16mm OD x1
- 25mm Extension Fitting – 16mm OD x3
- 30mm Extension Fitting – 16mm OD x2
- 40mm Extension Fitting – 16mm OD x1
- Quick Disconnect Male – 16mm OD x1
- Quick Disconnect Female – 16mm OD x1
- Mini D-Plug – 16mm OD x1

- Bitspower 16mm Hardline Fittings
- Essentials Designed around 2x EK 360mm PE Radiator with Single Vertical GPU
- Elite Designed around 2x EK 360mm PE Radiator with Dual Vertical GPU, Front Elite and Side Elite Kits
### Additional Information

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