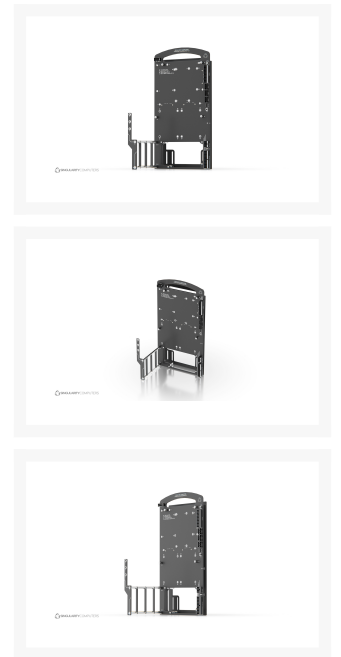


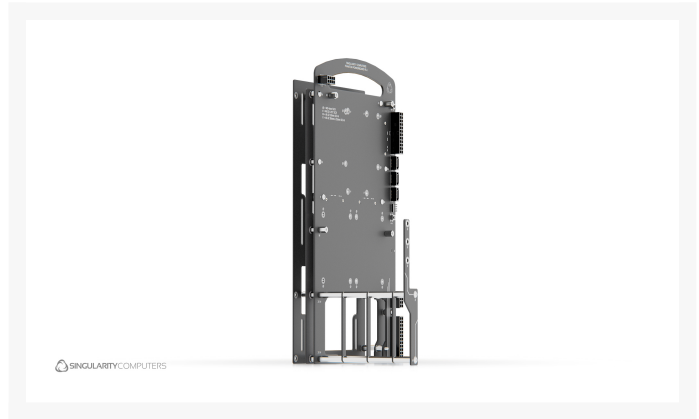
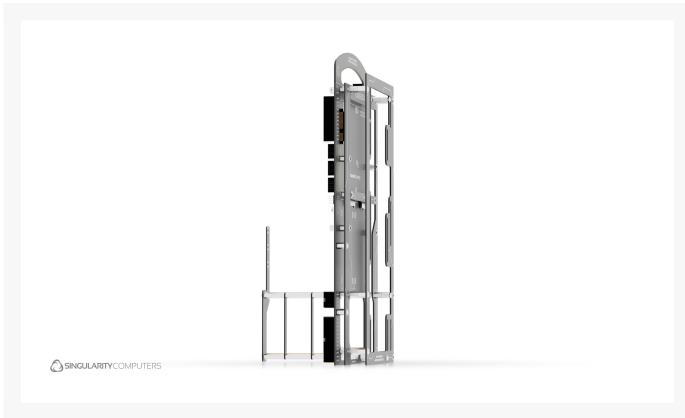


Singularity Computers Phantom ITX/DTX Case

\$149.95

Product Images





Short Description

Phantom turns the Singularity Computers PowerBoard into the case itself. The goal was to create the most minimalistic case using PCB only. Phantom does not aim to be the smallest Mini-ITX case, but to achieve maximum component density with unrestricted airflow. Phantom disappears amongst the components mounted to it, it is completely about component selection and will show off the skill of the builder. It fits ITX and DTX motherboards, 3+ slot graphics cards, ATX power supplies and 3x 2.5" drives or 2x 2.5" and a 3.5" drive. Water-cooling is possible with the included universal radiator mount which fits 120mm, 140mm, 240mm, 280mm, 360mm, 420mm, 480mm and 560mm radiators. There is no limitation on radiator thickness and push pull fans also fit. All components are mounted directly onto the PowerBoard which acts as a rack as well as a power distribution plate. It has the MB 24pin and EPS power integrated along with Power and Reset buttons. There are integrated direct connect SATA power connections to avoid the use of SATA power cables. The built-in handle makes lifting the whole system easy to transport by hand. There is no rear access needed to the case for cable management, all cables can be connected from the front. Black sleeved cables are

included with the case and custom colored sleeved linking cables can be purchased separately.

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Singularity Computers PowerBoard:

Introducing the Singularity Computers PowerBoard (US Patent Pending #547249821) a completely new take on computer cables and cable management. The idea first came about during the development of our first case Spectre 1.0. We were looking for a far more advanced method of integrating cables and cable management. The PowerBoard is essentially a distribution plate for cables. It eliminates the need for cable management, to integrate components into a single clean unit reducing clutter, to create something different which will contribute to a unique build!

[Phantom Gallery](#)

Features

PowerBoard Integration:

The Phantom PowerBoard is a PCB integrating 24pin, EPS, SATA, Power, and Reset Buttons. Essentially, the PowerBoard is a distribution plate for cables while integrating other features and functions as well. It is a new method for cables allowing standardization of cable lengths and making traditional cable management no longer necessary. Phantom comes included with a standard set of black sleeved linking cables including 24pin x1 and 8pin EPS x1 meaning that these cables don't have to be purchased separately.

Reduced build cost and time due to integration:

Cables do not need to be purchased separately and no cable management is needed for the core component cables.

High End Components:

It is designed to fit the largest high-end GPUs. It can fit the largest PSUs although it is recommended to pick a short and light PSU to make transporting the system easier, same applies to the GPU. For the water-cooling system it can fit any 120mm or 140mm wide radiator up to 480mm or 560mm with unlimited thickness and pull/pull fans.

Radiator Adjustment:

The additional 240 Radiator Mount is adjustable to help with port alignment and to turn the radiator into a

support leg.

Storage:

Phantom PowerBoard has 3x SATA Drive positions. 2x 2.5" are at the mid-section of the back side of the PCB and 1x 2.5"/3.5" is at the top-section above them.

Specifications

Specifications & Included Items:

Case Components: PowerBoard parts: x10 total. Stainless steel fasteners and stand offs.

Electronics Integration: Core Component Cables: 24pin x1. 8pin EPS x1. Power and Reset Buttons.

2.5"/ 3.5" SATA 3.0 6Gb/s Direct Mount x1

2.5" SATA 3.0 6Gb/s Direct Mount x2

Cables: PowerBoard Linking Cables and PowerBoard PSU Cables available [here](#).

Custom Cables available [here](#).

Motherboard Form Factor: Mini-ITX & DTX.

Expansion Slots: x3.

Case Form Factor: SFF.

Package Dimensions: L: 395mm W: 430mm H: 40mm (Case is flat packed and requires assembly).

Package Weight: 2kg.

Case Dimensions: L: 135mm H: 360mm W: 190mm.

Case Weight: 1.5kg.

Storage: 3x 2.5" or x2 2.5" and 1x 3.5".

Radiators: 120mm, 140mm, 240mm, 280mm, 360mm, 420mm, 480mm, 560mm. 140mm wide radiators are limited to 145mm width so Hardwarelabs radiators will not fit. No limitation on radiator thickness and push pull fans can be used.

Maximum GPU Length: Unlimited.

Maximum GPU thickness: 75mm.

Maximum GPU Height: Unlimited.

Maximum CPU Cooler Height: Unlimited.

Maximum PSU Length: Unlimited (short PSUs are preferable for the aesthetics so that they don't protrude too far).

Front Panel I/O: Power and Reset buttons.

Vertical GPU Mount: No.

Materials: PCB with stainless steel fasteners and stand offs.

Manufacturing Process: PCB.

Assembly: Flat packed and needs to be assembled by the customer.

Accessories: Hex Keys: M3: x1.

Additional Information

Brand	Singularity Computers
SKU	SC-PHAN-ITX
Weight	5.0000
Color	Black
Chassis Form Factor	MiniITX
Side Panel	No Window
Motherboard Support	Mini DTX, Mini ITX
Material	Acrylic, Aluminum, Stainless Steel
PSU Wattage	No PSU
Vendor SKU/EAN	9351182003961

