fractal design Define Mini Computer Case User Manual

DEFINE Mini COMPUTERCASE

USER MANUAL

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About Fractal Design – our concept

Without a doubt, computers are more than just technology – they have become an integral part of our lives. Computers do more than make living easier, they often define the functionality and design of our homes, our offices and ourselves.

The products we choose represent how we want to describe the world around us and how we want others to perceive us. Many of us are drawn to designs from Scandinavia,

which are organized, clean and functional while remaining stylish, sleek and elegant.

We like these designs because they harmonize with our surroundings and become nearly transparent. Brands like Georg Jensen, Bang Olufsen, Skagen Watches and Ikea are just a few that represent this Scandinavian style and efficiency.

In the world of computer components, there is only one name you should know, Fractal Design.

For more information and product specifications, visit **www.fractal-design.com**

Support
Europe and Rest of World: **support@fractal-design.com**
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Thank you and congratulations on your purchase of your new Fractal Design Define mini mATX Computer Case!
Before using the case, please take the time to read these instructions carefully.

The concept of Fractal Design is to provide products with an extraordinary design level, without compromising the important factors of quality, functionality and pricing. The computer of today has come to play a central role in most people's home, creating a demand for appealing design of the computer itself and its accessories.

Our main product areas are computer enclosures, power supplies, cooling and Media Center-products, such as Home Theatre-enclosures, keyboards and remote controls.

Designed and engineered in Sweden

All Fractal Design products have been thoroughly designed, tested and specified in our Swedish head quarter. The well-known ideas of Scandinavian design can be found through all of our products; a minimalistic but yet striking design – less is more.

Limited Warranty and Limitation of Liability

This product is guaranteed for twelve (12) months from the date of delivery to enduser against defects in materials or workmanship. During this period, the product will either be repaired or replaced, upon our discretion.

The product must be returned to the agent from whom it was purchased with shipping prepaid.
The warranty does not cover:

1. A product which has been used for hire purposes, misused, handled carelessly or other than in accordance with any instructions provided with respects to it's use.
2. A product with damages from acts of nature such as lightning, fire, flood or earthquake are not covered by the warranty.
3. A product where the serial number have been removed or tampered with.

Define Series – mini

The Define series is reaching new heights in combining stylish, contemporary design with maximum functionality and noise absorbing features. The minimalistic, yet stunning front panel design, fitted with noise absorbing material on the inside, creates an aura of exclusivity.

Key features

- Stunning front panel design
- Patent pending ModuVent™ design, allowing the user to either have optimal silence or optimal airflow
- Pre-fitted with dense, noise absorbing material
- 6(!) white painted HDD-trays, with silicone mounting
- A total of 6 fan slots (2x120mm in front, 1x 120/140mm in top, 1x120mm in back, 1x 120/140mm in side panel, 1x 120mm in bottom)
- Two 120mm Fractal Design fans included
- Fan controller for 3 fans included
- Upper HDD cage is removable and rotatable
- USB3 support in the front panel
- Excellent cable routing and cable routing covers
- Supports graphic cards with lengths up to circa 400mm
- Extra, vertically mounted expansion slot, suitable for fan controllers or non-input expansion cards

As the name implies, Define mini is the smaller sibling of the acclaimed and award winning Define R2 and R3 cases. Being a Micro ATX version of Define R3, it offers a number of interesting functions with a very stylish appearance. It is a case focused on low noise level, without neglecting other important features such as cooling, expandability, and ease of use.
The Define Mini excels by including a lot of features in a small size!
The patent pending feature
ModuVent™, in which you can choose whether to have fan slots in side and top panels open or not, makes the case appealing for users seeking optimal silence, as well as performance hungry ones.
The sleek black interior is matched with pre-fitted, dense noise absorbing material on the side panels, efficiently absorbing noise and vibrations. You can fit an astonishing total of six(!) hard drives into this case, using the user friendly HDD-trays. All painted in a nice white color and using black silicone mounts. The PSU is mounted in the bottom of the case, with a convenient pull-out filter beneath it.
Tangled cables are a thing of the past as the Define Series offers an innovative, convenient and great looking way to hide them.
The motherboard mounting plate has rubber covered holes in which you can easily route the cables to a compartment behind the motherboard, which has more than ample storage space.

Cooling system

- Fan controller for 3 fans included
- 1 rear mounted Fractal Design 120mm fan @ 1200rpm included
- 1 front mounted Fractal Design 120mm fan @ 1200rpm included
- 1 front 120mm fan (optional)
- 1 top 120/140mm fan (optional)
- 1 bottom 120mm fan (optional)
- 1 side panel 120/140mm fan (optional)

Specifications

- 6x 3,5 inch HDD trays, compatible with SSD!
- 2x 5,25 inch bays, with 1x 5,25>3,5 inch converter included
- 2x USB 2.0, 1x USB 3.0 and Audio I/O – mounted on top of front panel
- Removable filter below PSU (PSU not included)
- M/B compatibility: Mini ITX and Micro ATX
- 4+1 expansion slots with sleek white painted brackets
- Supports graphic card lengths up to 260mm when removable HDD-Bay is in place
- Supports graphic card lengths up to 400mm without removable HDD-Bay
- Supports CPU coolers with height of 160mm
- Supports PSU's with a depth of maximum circa 170mm, when using bottom 120/140mm fan location. When not using the bottom 120mm fan location, the case supports also longer PSU's, typically 200-220mm,
- Case size (WxHxD): 210x395x490mm with front and top bezel in place
- Net weight: 9,5kg

Additional information

- EAN/GTIN-13: 7350041080527
- Product code: FD-CA-DEF-MINI-BL
- Also available for System Integrators

How to Section

Installing Graphic cards longer than 260mm
To be future proof, Define mini supports graphic cards longer than 260mm by removing the upper HDD-Cage. To remove this, first remove the two thumbscrews securing it, remove (or rotate) and reinsert and secure the thumbscrews. When the HDD-Cage is removed the chassis supports graphic cards with lengths up to 400mm!
Rotatable HDD-Cage
There are two HDD-Cages in Define mini, where the top one is removable and rotatable. When removed, the chassis supports longer graphic cards, or provides better airflow. By rotating it the HDD-Cage can work as an air guide for the front fan, directing air to the graphic card or by placing it in the original position, it's optimized for a clean build with excellent HDD cooling and cable management.
Bottom optional fan position
This bottom fan hole, protected by a filter underneath the chassis, is excellent for providing cool air, straight into the chassis, cooling both the GPU but also the CPU.
Mainly for overclocking, but it also lowers the overall temperature in the case.
Cleaning the filters
The filters are placed at the usual air intakes to prevent dust from the system. When they get dirty they also obstruct the airflow and they need to be cleaned with a regular interval for optimal cooling.

- To clean the PSU/Bottom fan filter, just remove it from the chassis by pulling it backwards and remove all dust gathered on it.
- To clean the front filters, open the front doors covering the front filter by pressing the marking on the door. If needed, remove 4 screws and remove the fan, clean the filter and put it back again.

www.fractal-design.com

Documents / Resources

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Define Mini Computer Case, Define Mini, Computer Case, Case

References

- **Fractal Design Gaming & PC Hardware — Cases - PSU - Cooling - Fans**
- **Manual-Hub.com - Free PDF manuals!**
- **User Manual**