

# Define R6 Series

Limited only by your imagination

Designed from the ground up, the Define R6 goes beyond iteration with a profound stride of innovation – the latest and largest step in the legacy of the world-renowned Define Series.

Seamless tempered glass and sound dampened steel panels encase a fully redesigned interior with more storage capability than ever before, and with nine fan mounts, PWM fan hub, and 420mm radiator support, the R6 is the perfect platform for building your dream water loop. Improved third generation ModuVent™ technology allows an effortless transition from metal-clad sound dampened top panel to filtered high airflow multi-fan ventilation.

Expanding on the timeless elegant form and silent modular function that brought so much success to its predecessors, the new Define R6 offers the most demanding hardware enthusiast a solid foundation and flexible framework with limitless potential.





# P r o d u c t S h e e t

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## Key features

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- Full-size seamless scratch-resistant tempered glass side panel (Tempered Glass Version Only)
- Optimized for silence with high-density industrial dampening on side, top and front panels
- Reversible front door with anodized aluminum cover and dual mounting system for adaptability with elegance
- Nine fan positions with intuitive layout and clear airflow paths offer massive cooling capacity
- Nexus+ Smart Hub offers superior fan control of six additional case fans and three extra PWM devices via your motherboard.
- Three silent, airflow-optimized Fractal Design Dynamic X2 GP-14 140 mm fans come pre-installed helping ensure superior airflow via two intake fans and a single exhaust.
- Extensive water cooling support with room for up to a 420 mm radiator in the top, 360 mm in the front, and up to 280 mm in the base
- Power supply shroud and Modular Storage Plate conceal HDD trays and excess cabling for a clean, clutter-free interior
- Third generation ModuVent™ technology gives users the choice between a soundproof steel cover or filtered multi-fan ventilation setup in the top panel
- Easy-to-clean high airflow nylon filters on the front, top, and base with full PSU coverage and front access for convenience
- Modular Storage Plate lets users easily convert between the Standard Layout for maximum storage capacity or the new Open Layout for superior water cooling support and clear air flow paths
- Vertical 2.5 slot GPU mount, compatible with the Fractal Design Flex VRC-25 PCIE x16 Vertical GPU Riser Kit, showcases your graphics hardware with full visibility and secure fastening (sold separately).
- Highly modular interior includes six universal SSD/HDD trays that can be independently repositioned to suit components, cooling, and cable routing
- Customizable 2.5" storage solution consists of two brackets and a choice of four tray locations to keep drives hidden behind the motherboard tray or display them prominently on top of the PSU shroud
- Compatible with Fractal Design Connect D1 USB 3.1 Gen 2 Type-C Upgrade Kit for ultra-fast file transfers and fast charging (sold separately, requires a compatible motherboard)

## General specifications

Specification	• Define R6	• Define R6 - Tempered Glass
3.5"/2.5" Universal drive brackets	• 6	• 6
Dedicated 2.5" drive brackets	• 2	• 2
Expansion slots	• 7 + 2 vertical	• 7 + 2 vertical
Motherboard compatibility	• eATX (up to 285mm wide), ATX, mATX, ITX	• eATX (up to 285mm wide), ATX, mATX, ITX
Power supply type	• ATX	• ATX
Front ports	• 2 x USB 3.0, 2 x USB 2.0	• 2 x USB 3.0, 2 x USB 2.0
Total fan mounts	• 9	• 9
Front fan	• 3 x 120mm or 2 x 140mm, • 2 x Dynamic X2 GP-14 included	• 3 x 120mm or 2 x 140mm, • 2 x Dynamic X2 GP-14 included
Top fan	• Standard layout : 3 x 120 or 2 x 140 • Open layout : 3 x 120/140 mm	• Standard layout : 3 x 120 or 2 x 140 • Open layout : 3 x 120/140 mm
Rear fan	• 1 x 120/140mm • 1 x Dynamic X2 GP-14 included	• 1 x 120/140mm • 1 x Dynamic X2 GP-14 included
Bottom fan	• 2 x 120/140mm	• 2 x 120/140mm
Dust filters	• Bottom fan + PSU • Front fans • Top panel	• Bottom fan + PSU • Front fans • Top panel
Front radiator	• 120/240/360mm • 140/280mm	• 120/240/360mm • 140/280mm

## General specifications

Specification	• Define R6	• Define R6 - Tempered Glass
Top radiator	<ul style="list-style-type: none"> <li>• Standard layout : 120/240/360mm (max 35mm motherboard component height)</li> <li>• Open layout : 120/240/360mm, 140/280/420mm (max 35mm motherboard component height)</li> </ul>	<ul style="list-style-type: none"> <li>• Standard layout : 120/240/360mm (max 35mm motherboard component height)</li> <li>• Open layout : 120/240/360mm, 140/280/420mm (max 35mm motherboard component height)</li> </ul>
Rear radiator	<ul style="list-style-type: none"> <li>• 120mm</li> </ul>	<ul style="list-style-type: none"> <li>• 120mm</li> </ul>
Bottom radiator	<ul style="list-style-type: none"> <li>• 120/240mm</li> <li>• 140/280mm</li> </ul>	<ul style="list-style-type: none"> <li>• 120/240mm</li> <li>• 140/280mm</li> </ul>
PSU max length	<ul style="list-style-type: none"> <li>• 300 mm</li> </ul>	<ul style="list-style-type: none"> <li>• 300 mm</li> </ul>
GPU max length	<ul style="list-style-type: none"> <li>• Max 440mm with front fan mounted</li> <li>• Standard layout : Maximum width 155mm (including power connectors) for graphics cards longer than 300mm</li> </ul>	<ul style="list-style-type: none"> <li>• Max 440mm with front fan mounted</li> <li>• Standard layout : Maximum width 155mm (including power connectors) for graphics cards longer than 300mm.</li> </ul>
CPU cooler max height	<ul style="list-style-type: none"> <li>• 185mm</li> </ul>	<ul style="list-style-type: none"> <li>• 185mm</li> </ul>
Cable routing space	<ul style="list-style-type: none"> <li>• 23mm</li> </ul>	<ul style="list-style-type: none"> <li>• 23mm</li> </ul>
Cable routing grommets	<ul style="list-style-type: none"> <li>• Yes</li> </ul>	<ul style="list-style-type: none"> <li>• Yes</li> </ul>
Fixed velcro straps	<ul style="list-style-type: none"> <li>• Yes</li> </ul>	<ul style="list-style-type: none"> <li>• Yes</li> </ul>
Tool-less push-to-lock	<ul style="list-style-type: none"> <li>• Both side panels</li> </ul>	<ul style="list-style-type: none"> <li>• Both side panels</li> </ul>
Captive thumbscrews	<ul style="list-style-type: none"> <li>• HDD brackets, SSD brackets</li> </ul>	<ul style="list-style-type: none"> <li>• HDD brackets, SSD brackets</li> </ul>
Left side panel	<ul style="list-style-type: none"> <li>• Industrial sound-dampened steel</li> </ul>	<ul style="list-style-type: none"> <li>• Black/Blackout/Gunmetal versions : 33% tinted tempered glass</li> <li>• White version : Clear transparent tempered glass</li> </ul>
Right side panel	<ul style="list-style-type: none"> <li>• Industrial sound-dampened steel</li> </ul>	<ul style="list-style-type: none"> <li>• Industrial sound-dampened steel</li> </ul>

## General specifications

Specification	• Define R6	• Define R6 - Tempered Glass
Case dimensions (LxWxH)	• 543 x 233 x 465mm	• 543 x 233 x 465mm
Case dimensions w/o feet/protrusions/screws	• 535 x 233 x 448mm	• 535 x 233 x 448mm
Net weight	• 12.4 kg	• 12.4kg
Package dimensions (LxWxH)	• 560 x 347 x 650mm	• 560 x 347 x 650mm
Package weight	• 14.4 kg	• 14.4 kg

## Package contents

- Define R6 computer case / Define R6 - Tempered glass computer case
- User manual
- Accessory box



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P r o d u c t S h e e t

## Additional information

Product	SKU	EAN	UPC	JAN
Define R6 - Black	FD-CA-DEF-R6-BK	7350041085867	817301015868	4537694245623
Define R6 - Blackout	FD-CA-DEF-R6-BKO	7350041085874	817301015875	4537694245630
Define R6 - White	FD-CA-DEF-R6-WT	7350041085881	817301015882	4537694245647
Define R6 - Gunmetal	FD-CA-DEF-R6-GY	7350041085898	817301015899	4537694245654
Define R6 - Black - Tempered glass	FD-CA-DEF-R6-BK-TG	7350041085904	817301015905	4537694245661
Define R6 - Blackout - Tempered glass	FD-CA-DEF-R6-BKO-TG	7350041085911	817301015912	4537694245678
Define R6 - White - Tempered glass	FD-CA-DEF-R6-WT-TG	7350041085928	817301015929	4537694245685
Define R6 - Gunmetal Tempered glass	FD-CA-DEF-R6-GY-TG	7350041085935	817301015936	4537694245692