

## Core 500

The Core 500 is the perfect PC case for those looking for a small, compact chassis that lets you build your computer without compromising on component selection.

The case comes with one Silent Series R3 140mm fan which offers great cooling from the get go. For those who wish to expand their cooling ability there is room for an additional two 140 mm fans, water cooling radiators up to 280mm or air coolers up to 170 mm in height.

Additionally, with minimal compromise, the Core 500 can fit one ODD bay, three 3.5" drives and three 2.5" drives, allowing you to use every last square millimeter of this compact, 19.5 liter case.

## Small Footprint. Big Potential.

### Key Features

- Brushed aluminum-look front panel with a sleek, three-dimensional textured finish
- Very compact case with a volume of only 19.5 liters
- Extremely good water cooling support for its size, supporting radiators up to 280mm big
- Smart drive bay placement allows you to fit up to three 3.5" drives, three 2.5" and one 5.25" drive simultaneously
- Supports Mini-ITX motherboards, ATX power supplies and graphics cards up to 310mm in length
- Supports tall CPU cooler towers, up to 170mm in height
- Featuring a Fractal Design Silent Series R3 140mm rear exhaust fan for great cooling
- Big magnetic filters for the side and top air intake together with a PSU filter ensures a dust free interior



Description	Art. Number	EAN Code	UPC Code
Fractal Design Core 500 Black	FD-CA-CORE-500-BK	7350041082644	817301012645

## General Specifications

Drive bay capacity	<ul style="list-style-type: none"> <li>1 - 5.25" bays (removable)</li> <li>3 - 3.5" HDD positions</li> <li>3 - 2.5" dedicated SSD unit positions</li> </ul>
Expansion slots	<ul style="list-style-type: none"> <li>2</li> </ul>
Motherboard compatibility	<ul style="list-style-type: none"> <li>Mini ITX; Mini DTX (<b>note:</b> motherboards with SATA ports that are angled 90 degrees may conflict with installation in the case)</li> </ul>
Cooling / Ventilation	<ul style="list-style-type: none"> <li>2 - 120mm optional fan positions in Graphics card chamber</li> </ul>
Front interface	<ul style="list-style-type: none"> <li>2 USB 3.0</li> <li>Audio in/out</li> <li>Power button with LED (White)</li> <li>HDD activity LED (White)</li> <li>Reset button</li> </ul>
Power supply compatibility	<ul style="list-style-type: none"> <li>ATX PSUs, up to 170mm in length (non modular PSUs)</li> <li>ATX PSUs, up to 160mm in length (modular PSUs)</li> </ul>
CPU cooler compatibility	<ul style="list-style-type: none"> <li>CPU coolers up to 170mm in height</li> </ul>
Graphics card compatibility	<ul style="list-style-type: none"> <li>Graphics cards up to 310 mm in length (<b>note:</b> graphics cards longer than 170 mm will not fit with PSUs that exceed 170 mm)</li> </ul>
Colors Available	<ul style="list-style-type: none"> <li>Black</li> </ul>
Case volume	<ul style="list-style-type: none"> <li>19.5 litres</li> </ul>
Case dimensions - W x H x D (mm)	<ul style="list-style-type: none"> <li>250 x 203 x 367</li> </ul>
Case dimensions - with feet/protrusions/screws	<ul style="list-style-type: none"> <li>250 x 213 x 380</li> </ul>
Net weight (kg)	<ul style="list-style-type: none"> <li>4.4</li> </ul>
Package dimensions - W x H x D (mm)	<ul style="list-style-type: none"> <li>285 x 335 x 450</li> </ul>
Package weight – (kg)	<ul style="list-style-type: none"> <li>5.3</li> </ul>

## Cooling System

Rear	<ul style="list-style-type: none"> <li>1 – 120/140 mm fan (included is 1 Fractal Design Silent Series R3 fan, 1000 RPM speed)</li> </ul>
Top	<ul style="list-style-type: none"> <li>2 - 120/140 mm fan (not included)</li> </ul>
Water cooling compatibility	<ul style="list-style-type: none"> <li>Top – 280, 240, 140 and 120 mm radiators. (Thickness limitation of 100 mm for both radiator + fan) (240 and 280 mm radiators require removal of the ODD bay) (280mm radiator can be maximum 325mm in length)</li> <li>Rear – 120 mm radiator (not compatible with the rear 3.5" HDD position)</li> </ul>
Dust filters	<ul style="list-style-type: none"> <li>Magnetic filters on side and top panel</li> <li>PSU filter</li> </ul>

## Package contents

- Core 500 computer case
- Accessory Box
- User manual