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Fractal Design Celsius S24 Cooling Fan/Radiator - Blackout

$119.99

Product Images

Short Description

The Celsius series builds upon proven technology with cutting edge advancements and premium sound dampening materials to deliver extreme cooling performance with minimum noise output.

Description

The Celsius series builds upon proven technology with cutting edge advancements and premium sound dampening materials to deliver extreme cooling performance with minimum noise output.

Smart dual mode speed controls are both simple and robust with no need for additional software. Both fan and pump speeds can be managed by an intelligent auto mode or switched to PWM mode for precise user control.

For true enthusiasts, the satisfaction of a clean and efficient build can never be overstated, and the Celsius makes this easier than ever with an integrated fan hub and concealed cable routing.

Features

- The Celsius series uses a combination of cutting edge technology and premium sound dampening materials to deliver extreme cooling performance with minimum noise output.
- An intelligent temperature-controlled auto mode adjusts fan and pump speeds in real-time for optimum balance of cooling performance and silence, while PWM mode enables precision manual tuning for any usage situation.
- Included Fractal Design Dynamic X2 PWM fans offer a wide speed adjustment range from 500 to 2000 RPM allowing for near silent operation under lighter loads and maximum airflow during heavy usage.
- An integrated fan hub with concealed cable routing simplifies cable management for a clean installation.
- Radiator fittings use standard G 1/4" thread for maximum compatibility and expandability with standard do-it-yourself components. Easily add and integrate a GPU block of your choice to eliminate noisy graphics card fans so the only sound you hear is the sound of your game.

Specifications

General Specification

Coldplate technology	Fifth generation
Coldplate material	Copper
Additional sound dampening	Integrated
Thermal paste	Pre-applied, high thermal conductivity
Sockets supported (Intel)	1150, 1151, 1155, 1156, 1366, 2011, 2011-v3, 2066 (via included 2011-v3 kit),
Sockets supported (AMD)	AM2, AM2+, AM3, AM3+, AM4, FM1, FM2, FM2+, TR4 (via included bracket in AMD Threadripper box)
Tube length	400 mm
Tube material	Sleeved low-permability rubber tubes
Fittings, block side	Durable metal fittings, non-removable

Fittings, radiator side	Durable metal fittings, G 1/4" thread
Thermal paste	Pre-applied, high thermal conductivity
Fan control	Integrated dual mode
Warranty	5-year (Upon Expansion of the Celsius unit, only individual components of the Fractal Design Celisus S24 or S36 are covered)

Fractal

Fan specification

Fan type	Fractal Design Dynamic X2 GP-12 PWM
Rotational speed	500-2000 RPM
Bearing	LLS bearing
PWM control	Yes
Acoustical noise (full speed)	32.2 dB(A)
Maximum air flow	148.8 m3/h | 87.6 CFM
Maximum static pressure	2.30 mm H2O
Input voltage	12 V DC
Maximum input current	0.2A
MTBF	>100,000

Pump specification

Rotational speed	1950-3150 RPM
Bearing type	Ceramic bearing and shaft
PWM control	Yes
Acoustical noise (full speed)	20,0 dB(A)
Maximum pressure, 50°C	1m H2O | 1.45 PSI
Input voltage	12 V DC
Input current (without fans)	0.15 A

Rated input power (with fans)	6.6W
MTTF	>50,000 hours

Radiator specification

Dimensions	284*122*31 mm
Housing material	Aluminium
Fin material	Aluminium
Port threads	G 1/4"
Fan screw threads	UNC 6-32

Package contents

- Celsius S24 system
- 2 pcs Dynamic X2 GP-12 PWM fans
- Multilingual user manual
- Mounting hardware for all listed sockets
- Fan and radiator mounting screws

Additional Information

Brand	Fractal Design
SKU	FD-WCU-CELSIUS-S24-BKO
Weight	5.0000
Color	Black
Block CPU Type	Intel/AMD
Vga	AMD FirePro W9100
Radiator Size	240 (2 x 120mm)
Radiator Thickness	30mm
Vendor SKU/EAN	817301014458