



# Fractal Design Celsius+ S28 Dynamic

\$169.99

## Product Images







## Short Description

---

Celsius+ takes AIO water cooling to a new level with an ARGB-accented pump face, a fully redesigned block and an upgraded on-radiator PWM fan hub with ARGB support.

## Description

---

Celsius+ takes AIO water cooling to a new level with an ARGB-accented pump face, a fully redesigned block and an upgraded on-radiator PWM fan hub with ARGB support.

## Features

---

### Outstanding airflow

- High-performance Dynamic X2 PWM fans provide excellent airflow with minimal noise
- Optimized fan geometry balances airflow with extra emphasis on static pressure
- Strategic blade notches diffuse noise from blade/stator interaction
- Trip Wire technology reduces blade turbulence
- LLS (Long Life Sleeve) fan bearings provide silent operation with a long lifespan

### Get the balance right

Our intelligent auto mode dynamically adjusts the fan and pump speeds for optimized silent performance - and a simple twist of the pump face changes to PWM mode for full user control

### Tidier through technology

ARGB-enabled PWM hub places all fan connections directly on the radiator for a clutter-free installation

### Forget the thermal paste

With the Celsius+, the thermal paste is pre-applied to ensure a mess-free installation

### Color-coordinated cooling

Your options for controlling the color effects of Celsius+ are continually growing, with current certifications including Asus AURA, Gigabyte Fusion, MSI Mystic Light, Razer Chroma and ASRock Polychrome support

### Mounting made easy

Supports the most common sockets for both Intel and AMD

### Up our sleeves

Braided tube sleeves readily contain both the fan control cables and ARGB wires

## Specifications

---

### General specifications

- Sockets supported (Intel)  
1200, 1150, 1151, 1155, 1156, 1366, 2011, 2011-3, 2066
- Sockets supported (AMD)  
AM2, AM2+, AM3, AM3+, AM4, FM1, FM2, FM2+, TR4 (via included bracket in AMD Threadripper box)
- Coldplate material  
Copper
- Thermal paste  
Pre-applied
- Tube length  
400 mm

- Tube material  
Low-permeability rubber with braided nylon sleeve
- Fittings, block side  
Articulating 90-degree elbow
- Fittings, radiator side  
Straight rotary
- Fan control  
Dual mode (Auto/PWM)

## Fan specifications

- Fan type  
Dynamic X2 GP-14 PWM
- Rotational speed  
500 – 1700 RPM
- Bearing  
LLS
- PWM control  
Yes
- Acoustical noise (full speed)  
33.7 dBA
- Maximum air flow  
105.9 CFM
- Maximum static pressure  
1.95 mm H2O
- Input voltage  
12V DC
- Maximum input current  
0.25A
- MTBF  
100,000 hours

## Pump specifications

- Rotational speed  
800-2800 RPM in normal use, 3500 RPM during thermal protection mode that activates if liquid temperature is over 60°C
- Bearing type  
Ceramic bearing and shaft
- PWM control  
Yes
- Acoustical noise (full speed)  
20 dBA
- Maximum pressure, 50°C  
1.46 mm H2O
- Input voltage  
12V DC
- Input current (without fans)  
0.36A
- MTTF  
50,000 hours
- Block height

- 45 mm
- Block measurements (with fittings)  
86 x 75 mm
- Block diameter (main block body)  
62 mm

## Radiator specifications

- Dimensions  
143 x 30 x 324 mm
- Housing material  
Aluminum
- Fin material  
Aluminum
- Fan screw threads  
6-32

## Other

- Package contents  
Celsius+ S28 unit, 2 x 140 mm fans, User manual, Mounting hardware for all listed sockets, Fan and radiator mounting screws
- Package Dimensions  
411 x 187 x 160 mm
- EAN  
7340172702085
- UPC  
843276102081
- JAN  
4537694275521
- Product code  
FD-W-2-S2801
- Warranty  
5 years

## Additional Information

Brand	Fractal Design
SKU	FD-W-2-S2801
Weight	5.0000
Color	Black
Block CPU Type	Intel/AMD
Vga	AMD FirePro W9100
Radiator Size	280 (2 x 140mm)
Radiator Thickness	30mm
Vendor SKU/EAN	7340172702115

