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Fractal Design Celsius+ S28 Prisma

$189.99

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+

Cool, quiet and colorful

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.
Cleverly concealed wiring in the Celsius' braided sleeve tubing cleanly connects both power and RGB for the entire system at the pump, and selectable auto/PWM modes offer smart, dynamically optimized performance with the choice of full user control for expert fine-tuning.
Available sizes include 240 mm, 280 mm, and 360 mm, each with a choice of Dynamic X2 or Prisma ARGB fans pre-installed

Features

• Tinted glass pump face with backlit logo and ARGB LED effects
• Smart auto control mode dynamically adjusts fan and pump speeds for the ideal balance of silence and cooling performance
• Twist the pump face to change from auto to PWM mode for full user control
• ARGB-enabled PWM hub places all fan connections directly on the radiator for a clutter-free installation
• Sleeved tubing with concealed wiring connects power and ARGB for the entire system at the pump
• Asus AURA, Gigabyte Fusion, MSI Mystic Light, Razer Chroma and ASRock Polychrome support
• Pre-applied thermal paste guarantees optimal application with even coverage
• Low-permeability rubber tubing with nylon braided sleeves for extra durability and an added touch of style
• Articulating elbow fittings make tubes easier to route while reducing tension on the pump
• Prisma ARGB PWM fans deliver outstanding airflow with brilliant lighting effects (Prisma versions only)
• Specially designed fan blades and outer ring produce a uniform glow (Prisma versions only)
• High-performance Dynamic X2 PWM fans provide excellent airflow with minimal noise (Dynamic versions only)
• Optimized fan geometry balances airflow with extra emphasis on static pressure
• Strategic blade notches diffuse noise from blade/stator interaction (Dynamic versions only)
• Trip Wire technology reduces blade turbulence
• LLS (Long Life Sleeve) fan bearings provide silent operation with a long lifespan
• Backed by a 5-year warranty for extended peace of mind

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+

- 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)
- Note:
  The Celsius+ is NOT compatible with the Adjust R1

Fan specifications

- Fan type
  Prisma AL-14 PWM ARGB
- Rotational speed
  500 – 1700 RPM
- Bearing
  LLS
- PWM control
  Yes
- Acoustical noise (full speed)
  34.1 dBA
- Maximum air flow
  103.9 CFM
- Maximum static pressure
  2.38 mm H2O
- Input voltage
  12V DC
- Maximum input current
  0.18A
- 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

14.4 kPa / 1.46 mm H2O /2.0 PSI
- 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

Additional Information

Brand	Fractal Design
SKU	FD-W-2-S2802
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