



# Product Sheet

## Celsius+



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# 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.



# Key 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

	Celsius+
Supported sockets (Intel)	• 1150, 1151, 1155, 1156, 1366, 2011, 2011-3, 2066
Supported sockets (AMD)	• AM2, AM2+, AM3, AM3+, AM4, FM1, FM2, FM2+, TR4 (via included bracket in AMD Threadripper box)
Coldplate material	• Copper
Thermal paste	• Pre-applied
Block height	• 45 mm
Block measurements (with fittings)	• 86 x 75 mm
Block diameter (main block body)	• 62 mm
Pump rotational speed	• 800-2800 RPM in normal use, 3500 RPM during thermal protection mode that activates if liquid temperature is over 60°C
Pump bearing type	• Ceramic bearing and shaft
Pump PWM control	• Yes
Pump acoustical noise (full speed)	• 20 dBA
Pump maximum pressure, 50°C	• 1.46 mm H <sub>2</sub> O
Pump input voltage	• 12V DC
Pump input current (without fans)	• 0.36A
Pump MTTF	• 50,000 hours
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)
Warranty	• 5 years

# Fan specification

	S24/S36 Dynamic	S28 Dynamic	S24/S36 Prisma	S28 Prisma
Fan type	• Dynamic X2 GP-12 PWM	• Dynamic X2 GP-14 PWM	• Prisma AL-12 PWM ARGB	• Prisma AL-14 PWM ARGB
Rotational speed	• 500 – 2000 RPM	• 500 – 1700 RPM	• 500 – 2000 RPM	• 500 – 1700 RPM
Bearing	• LLS	• LLS	• LLS	• LLS
PWM	• Yes	• Yes	• Yes	• Yes
Acoustical noise (max)	• 32.2 dBA	• 33.7 dBA	• 32.7 dBA	• 34.1 dBA
Airflow (max)	• 87.6 CFM	• 105.9 CFM	• 85.71 CFM	• 103.9 CFM
Static pressure (max)	• 2.3 mm H2O	• 1.95 mm H2O	• 2.78 mm H2O	• 2.38 mm H2O
Input voltage	• 12V DC	• 12V DC	• 12V DC	• 12V DC
Input current (max)	• 0.2A	• 0.25A	• 0.18A	• 0.18A
MTBF	• 100,000 hours	• 100,000 hours	• 100,000 hours	• 100,000 hours

# Radiator specification

	Celsius+ S24	Celsius+ S28	Celsius+ S36
Radiator dimensions	• 122 x 31 x 284 mm	• 143 x 30 x 324 mm	• 123 x 30 x 403 mm
Radiator housing material	• Aluminum	• Aluminum	• Aluminum
Radiator fin material	• Aluminum	• Aluminum	• Aluminum
Radiator fan screw threads	• 6-32	• 6-32	• 6-32

# Package contents

## Celsius+ S24

- Celsius+ S24 unit
- 2 x 120 mm fans
- User manual
- Mounting hardware for all listed sockets
- Fan and radiator mounting screws

## Celsius+ S28

- Celsius+ S28 unit
- 2 x 140 mm fans
- User manual
- Mounting hardware for all listed sockets
- Fan and radiator mounting screws

## Celsius+ S36

- Celsius+ S36 unit
- 3 x 120 mm fans
- User manual
- Mounting hardware for all listed sockets
- Fan and radiator mounting screws

# Additional information

Product	SKU	EAN	UPC	JAN
Celsius+ S24 Dynamic	FD-W-2-S2401	7340172702078	843276102074	4537694275514
Celsius+ S24 Prisma	FD-W-2-S2402	7340172702108	843276102104	4537694275545
Celsius+ S28 Dynamic	FD-W-2-S2801	7340172702085	843276102081	4537694275521
Celsius+ S28 Prisma	FD-W-2-S2802	7340172702115	843276102111	4537694275552
Celsius+ S36 Dynamic	FD-W-2-S3601	7340172702092	843276102098	4537694275538
Celsius+ S36 Prisma	FD-W-2-S3602	7340172702122	843276102128	4537694275569