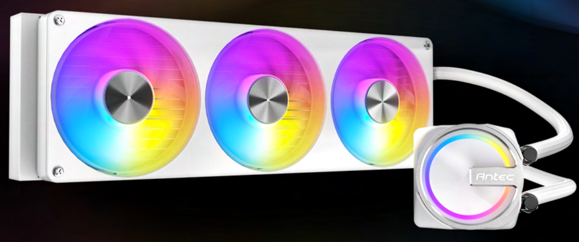
Antec



# skeleton matrix 360 ARGB

All-in-One Liquid Cooler

## SKELETON-FRAME PUMP HEAD DESIGN

The skeleton-frame pump head provides outstanding cooling performance while delivering dazzling lighting effects from multiple angles, adding chic style to your build.

## 8-POLE QUIET MOTOR

Reduced torque ripple minimizes pump vibration and operating noise.

**2800 RPM ≤ 28 dB(A)**

## HIGHLY EFFICIENT COOLING PUMP

### MASSIVE COPPER BASE PLATE

Provides highly efficient cooling at all loads.

Shaft life

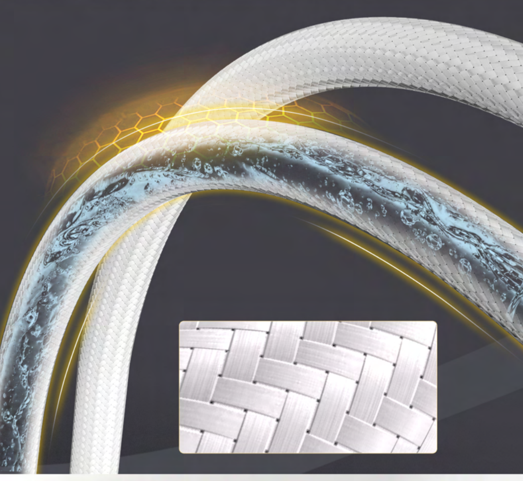
≥ 40000 hr

## PRECISION CERAMIC SHAFT

Corrosion-resistant and highly stable, with minimal wear during continuous operation.

## IIR-EPDM REINFORCED COOLING TUBING

High-airtightness tubing reduces coolant permeation and evaporation to maintain stable fluid levels.



### IIR LAYER

Reduces coolant permeation and evaporation to minimize slow leaks and fluid loss.

### EPDM + BRAIDED LAYER

Resists thermal aging, while braided reinforcement improves pressure, kink, and crack resistance.

12.5%

## EVEN COOLING SEALED TO LAST

A 16mm cooling core delivers balanced flow and even temperatures while reducing stagnation and buildup.

Square Radiator

Round Radiator

## SUPERIOR FIN DENSITY

Massive 13 fins dissipate heat rapidly.

**100%**
**LEAK-TESTED**

The sealed cooling loop is pressurized with dry air and monitored for pressure loss to detect potential leaks early.

**100%**
**THERMAL PERFORMANCE TESTED**

Simulated CPU heat loads verify cooling performance.

## SINGLE-FRAME FAN DESIGN

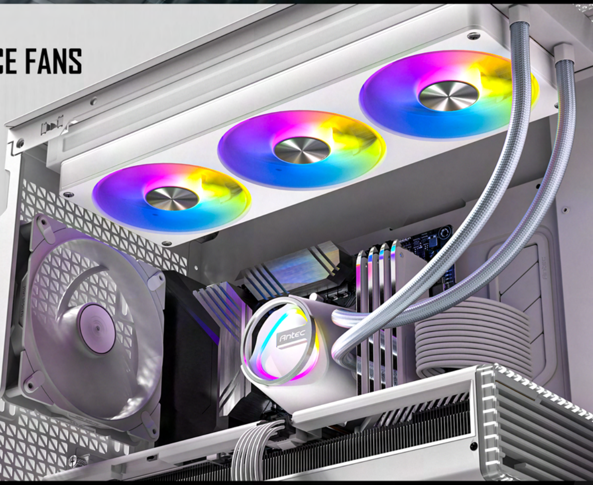
Features a powerful 360mm single-frame fan design for practical functionality and efficient cooling performance.

Airflow | **74.23 CFM**
Noise Level | **32.13 dB(A)**
Air Pressure | **2.6 mmH$_2$O**

## HIGH-PERFORMANCE FANS EXTREME COOLING

800±200~2000±10% RPM

Airflow | **74.23 CFM**
Noise Level | **32.13 dB(A)**
Air Pressure | **2.6 mmH$_2$O**

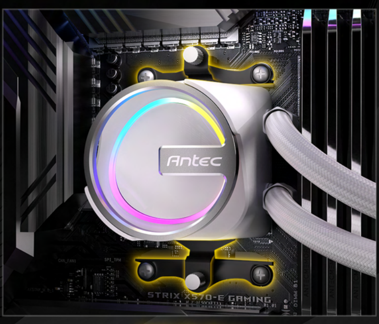


## CPU SOCKET COMPATIBILITY

Tool-free Intel mounting for faster, easier installation.

*Intel Platform*

Intel compatibility : LGA115X/1200/1700/1851/20XX

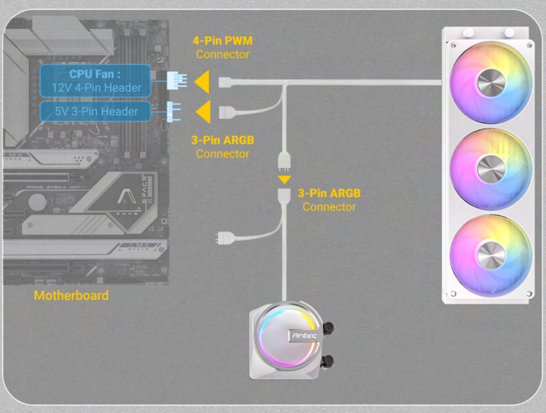


*AMD Platform*

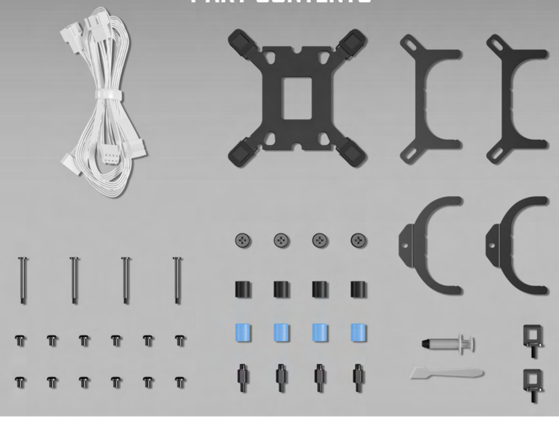
AMD compatibility : AM3/AM4/AM5

## ONE HEADER FULL ARGB SYNC

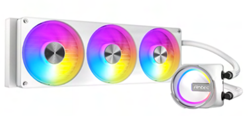
Daisy-chain the fans and pump head using just one motherboard ARGB header.



## PART CONTENTS



## SKU



**Skeleton Matrix 360 ARGB** **Skeleton Matrix 360 ARGB White**

## SPECIFICATIONS

| | |
|---|---|
| Cooling Type | Water Cooling |

## RADIATOR

| | |
|---|---|
| Dimensions | 397 x 120 x 27 mm |
| Material | Aluminum, Polycarbonate |

## PUMP

| | |
|---|---|
| Dimensions | Φ 67.5*66 mm |
| Rating Voltage | DC 12 V |
| Minimum Startup Voltage | ≥ 5.0 V |
| Fan Speed | 2800 ± 10% RPM |
| Rated Current | 0.21 ± 10% A |
| Consumed Power | 2.52 W |
| Flow Rate | ≥ 1300 mL/min |
| Water Pressure | 1.4 M |
| Operation Temperature | -10°C ~ + 60°C |
| Noise Level | ≤ 28 dB(A) |
| Lifespan | 40,000 Hours |
| Connector | PUMP: 4-Pin \| LED: 3-Pin |

## FAN

| | |
|---|---|
| Fan Type | PWM ARGB LED Fan |
| Fan Dimensions | 360 x 120 x 25 mm |
| Bearing Type | Hydraulic Bearing |
| LED Type | Addressable RGB |
| Fan Speed | 800 ± 200~2400 ± 10% RPM |
| Airflow | 74.23 CFM |
| Air Pressure | 2.6 $mmH_2O$ |
| Fan Noise Level | ≤ 32.13 dB(A) |
| Lifespan | 40,000 Hours 25℃ |
| Connector | PUMP: 4-Pin \| LED: 3-Pin |
| Rated Voltage | FAN: DC 12 V \| LED: DC 5 V |
| Operation Voltage | FAN: DC 6-13.8 V \| LED: DC 4.7-5.3 V |
| Rated Current | FAN : 0.75 A \| LED : 0.86 A |

## MISCELLANEOUS

| | |
|---|---|
| Socket Compatibility CPU | Intel：LGA115X/1200/1700/1851/20XX<br>AMD：AM3/AM4/AM5 |
| Warranty | 5 Years |
| UPC# | 0-761345-40091-6 |
| Net Weight | 1.52 Kg |
| Gross Weight | 2.11 Kg |