



## S50 ARGB

The S50 ARGB all-in-one water-cooling system from Sharkoon combines strong cooling performance with a modern design in a compact format. It is equipped with two pre-installed 120 mm ARGB PWM fans, a pump unit with a mirror effect, and a robust copper plate. In addition, the system is made for reliable performance, easy handling, and broad compatibility with common motherboards.

### Features

#### ■ COMPACT COOLING PERFORMANCE

With its 240 mm radiator, the S50 ARGB is the perfect solution for more compact hardware builds, which nevertheless still require an effective cooling. It reliably keeps CPUs at low temperatures and is ideal for both gaming and all-round PCs.

#### ■ HIGH-PERFORMING FANS

Two 120 mm ARGB PWM fans are already pre-mounted on the S50 ARGB. They deliver a strong airflow and can be precisely regulated via PWM control to achieve the optimal ratio between noise levels and cooling performance.

#### ■ EYE-CATCHING DESIGN

The extra-large, square pump unit with its eye-catching mirror effect gives the S50 ARGB an especially modern look. Together with the ARGB illumination, any kind of hardware build can be provided with a striking visual highlight.

#### ■ RELIABLE HEAT TRANSFER

The pump unit's large copper plate ensures optimal heat conduction. Generated heat is efficiently transferred from the processor into the cooling cycle.

#### ■ SIMPLE CABLE MANAGEMENT

Thanks to the daisy-chain connectors, the fans of the S50 ARGB can be easily connected to each other. This reduces the amount of cables and helps achieve a tidy and clearly structured hardware build.

#### ■ WIDE COMPATIBILITY

The S50 ARGB is compatible with the common LGA 1700/1851 and AM4/AM5 sockets. A tube of the required thermal paste is included so that the installation can be begun immediately.

### Specifications

Product Name	S50 ARGB
CPU Socket Compatibility	Intel® LGA 1700 / 1851 AMD® AM4 / AM5
Weight	1.07 kg
<b>Water Block &amp; Pump</b>	
Dimensions (L x W x H)	65 x 65 x 59 mm
Cold Plate Material	Copper
Pump Speed	2,100 – 2,700 rpm ± 10 %
Rated Voltage (Pump)	12 V
Rated Voltage (LEDs)	5 V
Rated Current (Pump)	0.24 A
Rated Current (LEDs)	0.52 A
Rated Power (Pump)	2.88 W
Rated Power (LEDs)	2.6 W
Pump Connector	4-Pin PWM
LED Connector	4-Pin (5V-D-coded-G)
Pump Cable Length	280 ± 10 mm
LED Cable Length	720 ± 10 mm

#### Radiator

Type	Brazed Radiator
Dimensions (L x W x H)	276 x 120 x 27 mm
Material	Aluminium Alloy

#### Tubing

Length	400 mm
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#### Fans

Number of Fans	2
Dimensions (L x W x H)	120 x 120 x 25 mm
Fan Speed	500 – 2,000 rpm ± 10 %
Max. Airflow	141.75 m³/h
Max. Air Pressure	2.18 mmH <sub>2</sub> O
Max. Noise Level	34.3 dB(A)
<b>Illumination</b>	
Rated Voltage (Fan)	12 V
Rated Voltage (LEDs)	5 V
Rated Current (Fan)	0.40 A
Rated Current (LEDs)	0.32 A
Rated Power (Fan)	4.8 W
Rated Power (LEDs)	1.6 W
Fan Connector	7-Pin PWM*
LED Connector	4-Pin (5V-D-coded-G)
Fan Cable Length	500 mm
LED Cable Length	500 mm

#### Package Contents

S50 ARGB, Intel® Mounting Bracket, AMD® Mounting Bracket, Backplate, Mounting Screws, Thermal Paste

#### EAN Code

S50 ARGB Black	4044951044962
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\* Combined 4-pin PWM and 3-pin ARGB connection



