

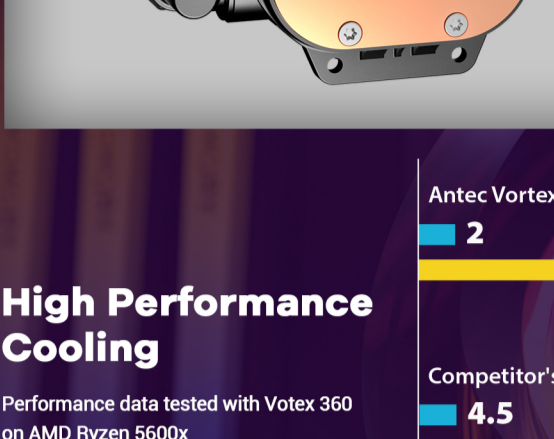


**PUMP HEAD DESIGN**

The suspended spiral pump head inspired by the image of a vortex provides outstanding cooling performance and various lighting effects from different angles.

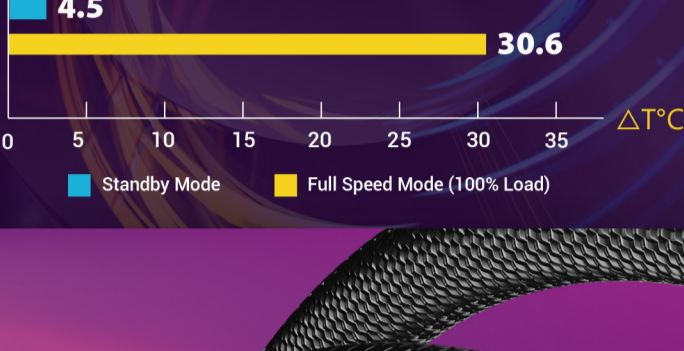


## Massive Copp



**25.5**

Performance data tested with Vortex 500  
on AMD Ryzen 5600x



The EPDM high-density tubing is very durable, making less loss of liquid.



PWM ARGB Fan with a unique multi-color lighting frame with 16 LEDs projecting harmonious lighting effects and providing powerful cooling for the CPU.



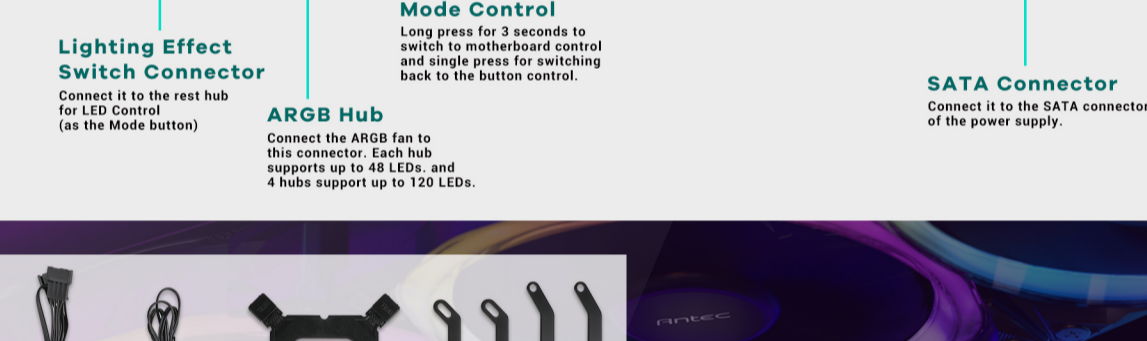
Air Pressure | 2.11 mmH2O (max.)

## THE MOTHERB

included ARGB controller works with individual LED in color and effect.

motherboard, customizing

**Mode Control**

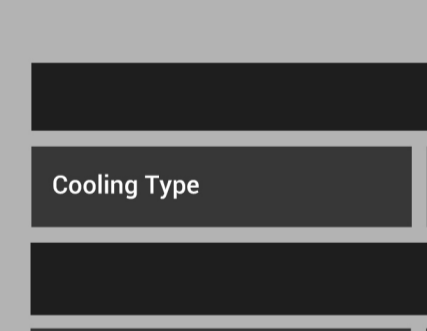


# COMPATIBILITY

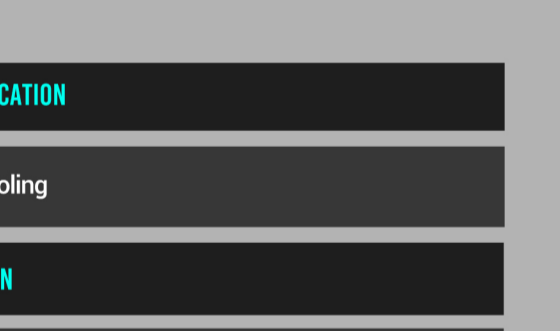
AMD	AM3/AM4/TR4
Intel	LGA 115X/1200/1700/20



10



### Label Name



12012FM1)

Dimensions	120 x 120 x 25 mm
Bearing Type	Hydraulic Bearing
LED Type	Addressable RGB
Fan Speed	600 ± 200~2000 ± 10% RPM
Airflow	57.93 CFM (max.)
Air Pressure	2.11 mmHzO (max.)
Fan Noise Level	31.24 dB(A)
Lifespan	40,000 hours
Connector	FAN: 4-pin PWM   LED: 3-pin
Rated Voltage	FAN: DC 12 V   LED: DC 5 V
Operation Voltage	FAN: DC 6.0-13.8 V   LED: DC 4.5-5.5 V
Rated Current	FAN : ≤ 0.21 A   LED : ≤ 0.58 A
RADIATOR	
Dimensions	397 x 120 x 27 mm
Material	Aluminum
PUMP	
Dimensions	ϕ 67*48.5 mm
Rating Voltage	DC 12 V
Minimum Startup Voltage	≥ 5.0 V
Fan Speed	2800 ± 10% RPM
Rated Current	0.25 ± 20% A
Consumed Power	3.0 W
Flow Rate	≥ 1300 mL/min
Water Pressure	1.4M
Operation Temperature	-10°C ~ + 60°C
Noise Level	≤ 28 dB(A)
Lifespan	40,000 hours
Connector	PUMP: 3-pin   LED: 3-pin
MISCELLANEOUS	
Socket Compatibility CPU	Intel : LGA 115X / 1200 / 1700 / 20XX AMD : AM3 / AM4 / TR4
Warranty	3 Years
UPC#	0-761345-74047-0