

Zalman CNPS9X ECO DS computer cooling system Processor Air cooler 12 cm Black 1 pc(s)

Brand : Zalman

Product code: CNPS9X ECO DS

Product name : CNPS9X ECO DS

CPU Cooler

Zalman CNPS9X ECO DS computer cooling system Processor Air cooler 12 cm Black 1 pc(s):

Powerful airflow with PWM Black fan

The CNPS9X ECO DS fan cooler delivers 571 CFM $\pm 10\%$ airflow. It provides 241 mmH₂O $\pm 10\%$ static pressure and operates quietly at 31.4 dB(A). $\pm 10\%$ PWM automatic fan control ensures optimal cooling performance.

DTH(Direct Touch Heatpipe)

Zalman's DTH technology is applied to minimize thermal resistance and maximize cooling performance.

CNPS9X ECO DS effectively dissipates CPU heat with four high quality heatpipes and optimally designed heat sink (Supports up to 190W TDP).

Anti-vibration Rubber Damper

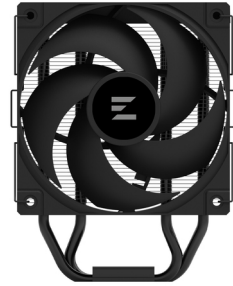
Rubber dampers absorb vibration noise during operation.

Black Coated Copper Heatpipes

Black coating adds aesthetic to CNPS9X ECO DS and improves the thermal conductivity and rust resistance.

PWM Control for Automatic Speed Control

CNPS9X ECO DS fan features automatic fan speed control to achieve the optimal balance between cooling performance and noise.



Performance

Suitable location *	Processor
Type *	Air cooler
Fan diameter	12 cm
Supported processor sockets	LGA 1700, LGA 1851, Socket AM4, Socket AM5
Noise level (high speed)	31.4 dB
Maximum airflow	57.1 cfm
Maximum air pressure	2.41 mmH ₂ O
Pulse-width modulation (PWM) support	✓
Bearing type	Hydraulic
Quantity per pack	1 pc(s)
Fan speed (min)	600 RPM
Fan speed (max)	2100 RPM

Performance

Fan's mean time to failure (MTTF)	40000 h
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Design

Product colour *	Black
Material	Aluminium, Copper
Number of fans	1 fan(s)
Number of heat pipes	4
Fan connector	4-pin

Power

Power consumption (typical)	156 W
Rated voltage	12 V
Rated current	0.13 A

Weight & dimensions

Weight	498 g
Fan dimensions (W x D x H)	120 x 120 x 25 mm



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