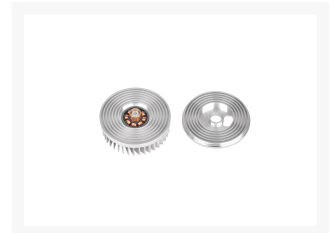




# Thermaltake Engine 27 1U Low-Profile CPU Cooler

\$69.99

## Product Images



## Short Description

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Thermaltake Engine 27 1U Low-Profile CPU Cooler supports Intel Socket LGA 1150/1151/1155/1156, and is specially designed with 27mm height, metallic structure and copper base that offer an excellent balance between performance, size and acoustics. The compact size 60mm fan is the ideal choice for small form factor applications. Moreover, with the built-in PWM fan and metallic blades and fins design, the Engine 27 guarantees extremely low noise level without compromising on the cooling performance.

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## Features

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### Low-Profile 27mm Height

Designed with 27mm height, the Engine 27 is the ideal CPU cooling solution for slim and small form factor applications, such as 1U server, HTPC, AIO/PIO PC, POS terminal and Booksize/Mini PC.

### Unique Metallic (Aluminium Alloy) Structure with Superb Heat Dissipation

Unlike traditional CPU coolers, the Engine 27 features a metallic structure and copper base that provides more fortified and efficient thermal paths for CPU. The metallic fan is designed to directly pull heat from CPU. Especially, the metallic fan base is engineered with small radial gaps that allow heat to be transferred rapidly to the rotating metallic fan. Hence, when the metallic fan blades generate cooling airflow, heat will also be transferred to the flowing air by both rotating fan and stationary fan base at the same time.

### Forty Fan Blade Design for Better Cooling Performance

To make a perfect balance between cooling performance and noise level, forty fan blades are engineered to generate large volume of air passing through the heatsink at any angle. Additionally, the metallic blade rotation will create a centrifugal force on ambient air. In the meanwhile, the centrifugal forces will expel hot air so that heat can easily be taken away from the fan blades. Most importantly, this cooling technique can reduce the blade's noise and vibration because hot air expelled will create a vacuum, and then fresh cooling air will be drawn in the heatsink.

### Radial Fin Arrangement

The Engine 27 is specially designed with metallic radial fins to accelerate the thermal transfer process. Especially, the radial arrangement with 119 fin design can minimize the gap between the fan and the fins, thus, hot air can be exhausted more rapidly and efficiently.

#### Low Noise PWM Fan

The PWM function enables the motherboard to run the fan precisely at its necessary speed. The noise level can reduce to 13dBA. This guarantees ultra-quiet noise level without compromising on the cooling performance.

\*Due to Engine 27 is using 8-pole motor, the RPM read by Bios is twice of the real RPM.

#### Non-Interference Cooling Design

The Engine 27 perfectly solves the co-existing problem of high performance RAM and CPU coolers, achieving the best RAM clearance.

## Specifications

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P/N	CL-P032-CA06SL-A
Compatibility	Intel LGA 1156 / 1155 / 1150 / 1151
Dimension	27(H)*91.5(L)*91.5(W) mm
Heatsink Material	Aluminum/Copper
Fan Dimension	21(H) x 60(L) x 60(W) mm
Fan quantity	1pcs
Fan Speed	1500~2500 RPM
Rated Voltage	12V
Start Voltage	9.0 V
Rated Current	0.09 A
Power Input	1.1 W
Air Flow	9.2 CFM
Air Pressure	3.1 mm-H <sub>2</sub> O
Acoustical Noise	13-25 dBA

Life time/Fan Life time	50,000 hours
pin connect	4 pin PWM
Cooling Power	70 W
Weight	310 g

\* Specifications are subject to change without notice.

\* The product picture(s) is only for your reference, it may differ from the actual product.

## Additional Information

Brand	Thermaltake
SKU	CL-P032-CA06SL-A
Weight	1.0000
Color	Silver
Material	Aluminum
Fan Dimensions	60mm
Fan Connection	4-Pin PWM
Fan RPM	2500
Fan CFM	9

