

Freezer 33 PENTA

Semi Passive Tower CPU Cooler

Main Features

- Fan in PENTA style
- Titanium black heatsink
- Compatible with Intel & AMD socket
- Passive operation up to 40% PWM
- Offset heat pipes ensure optimal heat dissipation
- Improved fan controller made in Germany
- Anti-vibration rubbers for quiet operation
- Installation in all four directions possible
- Transport-proof mounting with backplate
- MX-4 thermal paste included

6 Year Limited Warranty

Carbon Neutral
green.arctic.ac

PENTA SPORTS

ARCTIC
www.arctic.ac

Freezer 33 PENTA

Semi Passive Tower CPU Cooler

The Freezer 33 PENTA is a semi passive CPU cooler with a 120 mm fan in PENTA style and a titanium black heatsink. The successor of the Freezer i32 and Freezer A32 was designed with PENTA Sports and combines compatibility with Intel and AMD sockets. A sophisticated fan controller that was developed by German engineers allows passive cooling of the CPU during simple applications such as surfing and creating documents. If a higher cooling performance is needed for gaming, the F12 PWM fan starts up at a PWM signal with 40 % pulse width. This saves energy, extends the service life, makes the cooler at low load completely silent and delivers high performance for gaming.



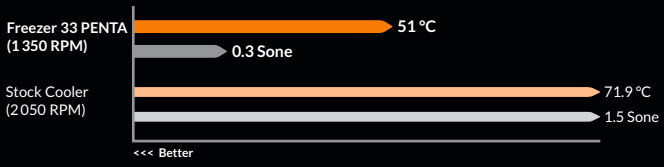




Specifications

Heat Pipe	Direct-Touch Ø 6 mm x 4
Heatsink Material	Aluminium Fins x 49, Thickness: 0.5 mm
Thermal Paste	MX-4
Fan	120 mm, 0–1350 RPM (Controlled by PWM)
Bearing	Fluid Dynamic Bearing
Noise Level	0.3 Sone
Current/Voltage	0.25 A/12 V DC
Max. Cooling Capacity	320 Watts
Recommended for TDP up to	150 Watts
Dimensions	124 (L) x 86 (W) x 150 (H) mm
Net Weight	641 g
Multiple Compatibility	Intel Socket 2066, 2011-3 (square ILM), 115x AMD Socket AM4

Cooling Performance and Noise Level on Intel Core i7-4790K (Full Load)



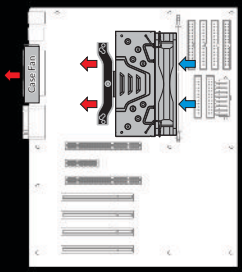


Freezer 33 PENTA

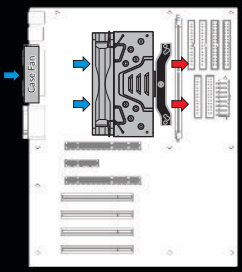
Semi Passive Tower CPU Cooler

Cooler Orientation on Intel

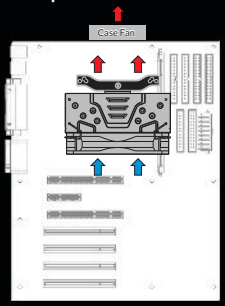
A. Back Exhaust



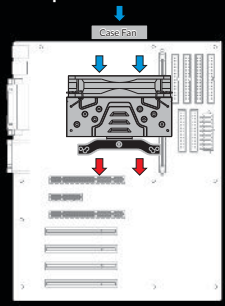
B. Back Intake



C. Top Exhaust

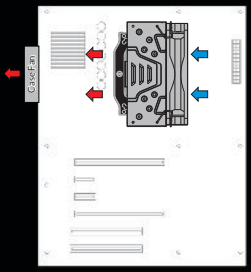


D. Top Intake

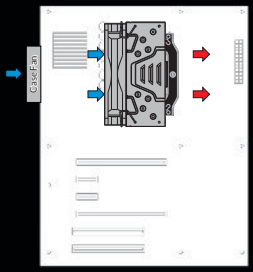


Cooler Orientation on AMD

A. Back Exhaust



B. Back Intake



Intel Socket

1151	1150	1155	1156	2066	2011(-3)	1366	775
Yes	Yes	Yes	Yes	Yes*	Yes*	No	No

* SQUARE ILM (80 x 80 mm spacing) only

AMD Socket

TR4	AM4	AM3(+)	AM2(+)	AM1	FM2(+)	FM1
No	Yes	No	No	No	No	No