



Freezer 12 CO

Compact Semi Passive Tower CPU Cooler for Continuous Operation

- Compatible with Intel® & AMD® socket
- Passive Operation up to 40 % PWM
- Dual ball bearing
- 5-times longer lifespan than traditional bearings
- Improved airflow for more efficient cooling performance
- 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



Freezer 12 CO

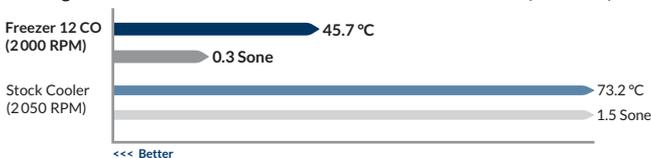
Compact Semi Passive Tower CPU Cooler for Continuous Operation

Designed for 24/7 operation, the **Freezer 12 CO** provides up to 150 Watt cooling capacity with superior service life. Its high-precision dual ball bearing lasts five times as long as standard models. A refined 92 mm PWM fan guarantees the optimum airflow at a low noise level, direct contact heat pipes ensure additionally even more efficient heat dissipation. In addition **Freezer 12 CO** is multiple compatible with Intel® Socket 2066, 2011-3, 115X and AMD® Socket AM4.

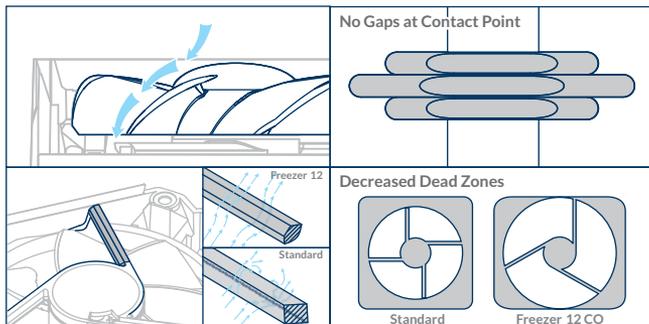


Specifications	
Heat Pipe	Direct-Touch Ø 6 mm x 3 (Double-Sided)
Heatsink Material	Aluminium Fins x 45, Thickness: 0.4 mm
Thermal Compound	MX-4
Fan	92 mm, 0 - 2000 RPM (Controlled by PWM)
Bearing	Dual Ball Bearing
Noise Level	0.3 Sone
Current/Voltage	0.16 A/12 V DC
Max. Cooling Capacity	150 Watts
Recommended for TDP up to	130 Watts
Dimensions	108 (L) x 86 (W) x 130 (H) mm
Net Weight	480 g

Cooling Performance and Noise Level on Intel® Core™ i7-6700 (Full Load)



Improved Cooling Performance

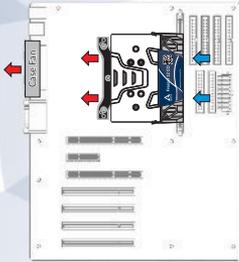


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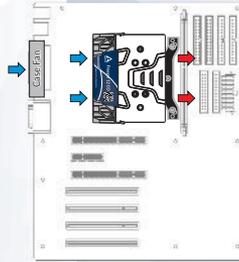
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Cooler Orientation on Intel®

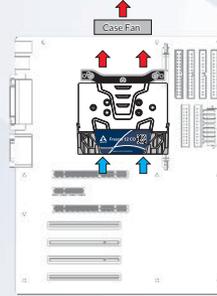
A. Back Exhaust



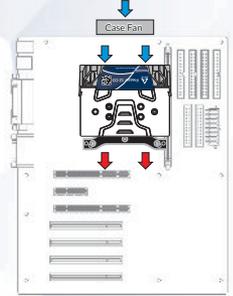
B. Back Intake



C. Top Exhaust

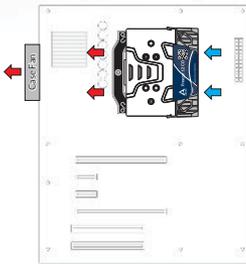


D. Top Intake

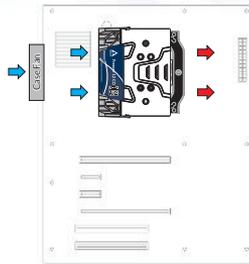


Cooler Orientation on AMD®

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

sTR4	AM4	AM3(+)	AM2(+)	AM1	FM2(+)	FM1
No	Yes	No	No	No	No	No