



TPC 812

RR-T812-24PK-R2



TPC 812 is the Cooler Master Reference Cooler for optimal Performance and is a high end cooling system with perfect performance for overclocking and silent cooling. TPC 812 is the first-ever CPU heatsink to use vertical vapor chamber technology and combine it with heatpipe technology: the synergy of both Technologies working in tandem delivers the top cooling performance.

Features

- The TPC 812 uses 2 separate cooling technologies to transfer heat – heat pipes and vertical vapor chambers.
- Ready for overclocking, benchmarking and silent cooling.
- The first-ever CPU heatsink to use vertical vapor chamber technology.
- 100% pure polished copper base – combined with improved soldering technologies for the best thermal transfer.
- Special fin design – heatsink receives concentrated cold airflow.
- Improved air pressure design and fan mounting system.

Package Information

EAN Code	4719512035658
UPC Code	884102015229
Package Dimensions	170 x 145 x 192 mm (6.7 x 5.7 x 7.6 in)
Carton Dimensions	445 x 350 x 217mm (17.5 x 13.8 x 8.5 in)
Unit / Carton	6
Carton / Pallet	54

Specifications

CPU Socket	Intel® LGA 2011/1366/1156/1155/1150/775 AMD FM2/FM1/AM3+/AM3/AM2+/AM2
Dimensions	138 x 103 x 163mm (5.4 x 4.1 x 6.4 in)
Heat Sink Dimensions	134 x 74 x 158 mm (5.3 x 2.9 x 6.2 in)
Heat Sink Material	Copper Base / 2 Vapor Chambers 6 Heatpipes / Aluminum Fins
Heat Sink Weight	826g (1.83 lb)
Heat Pipe Dimensions	Ø6mm
Fan Dimensions	120 x 120 x 25mm (4.7 x 4.7 x 1 in)
Fan Speed	600 – 2,400 RPM (PWM) ± 10% (1,600 RPM with Silent Mode Adapter)
Fan Air Flow	19.17 - 86.15 CFM ± 10% (59.54 CFM @ 1600RPM)
Fan Air Pressure	0.31 – 4.16 mm H ₂ O ± 10% (1.99mm H ₂ O @ 1600RPM)
Fan Life Expectancy	40,000 hrs
Noise Level	19 - 40 dBA
Bearing Type	Long Life Sleeve Bearing
Connector	4-Pin
Fan Weight	152g (0.34 lb)
Weight	1044g (2.31 lb)


Warranty

2 years



Appendix

Photo taken: Dec 13, 2011

	
<p>Synergy cooling – Vapor chamber + Heatpipe</p>	<p>Vertical vapor chamber</p>
	
<p>Pure polished copper base</p>	<p>Special fin design</p>
	
<p>Improved fan mounting system</p>	

Note: Photos may differ slightly from the final product.