



TOP 5 BEST Heat Sinks

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## Top Tested CPU Heatsinks At A Glance

Quickly find your way to the current Top 5 heatsinks according to FrostyTech. The first charts are for **Intel Heatsinks**, broken down by lowest temperature and quietest operation. The second set lists **AMD Heatsinks**. HOW IT WORKS: The #1 Rank is considered the current Top heatsink for that parameter, #10 is considered the 10th BEST for that parameter. Only heatsinks Frostytech has tested in its labs are included; thus we guarantee this list is incomplete, that it's not an indication of "the best heatsink ever" and that rankings will frequently change with each chart update. Please click on each heatsink for a detailed review. Manufacturers and vendors are permitted to reference the 'Top 5 Heatsinks Chart.'

**Where to Buy?** Unsure where to get heatsinks online? Frostytech compiled this list of [online stores with an emphasis on heatsinks](#).

## What's The Best Heatsink?

Frostytech's Top 5 Heatsinks Charts rank the best air-cooled CPU heatsinks by lowest temperature and lowest noise.

Low Profile [chart is here](#).

All-in-One Liquid Coolers [chart is here](#).

## Best Intel Heatsinks of 2014

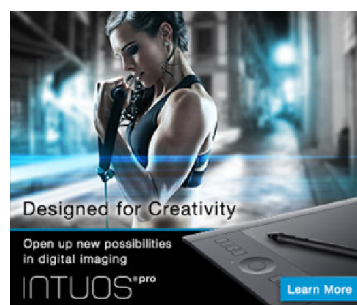
(Coolest / Quietest)

## Best AMD Heatsinks of 2014

(Coolest / Quietest)

Low Profile Intel/AMD [\[open\]](#)

(Coolest / Quietest)



Rankings are based on Frostytech's 150W Intel synthetic thermal test result [heatsink](#) reference chart. [\[ TOP \]](#)

## TOP 5 Heatsinks by Temperature

(Ranked by 150W Intel test platform results)

Socket  
LGA1150/1155/1156  
& LGA775,  
LGA2011/1366

Rank	Heatsink Brand and Model:	Spread:
1	Cooler Master Nepton 280L, Cooler Master Nepton 140XL, Silverstone Tundra TD02, Corsair Hydro H100i, Cooler Master Seidon 240M, Corsair Hydro H80i, NZXT Kraken X60, Cooler Master Glacer 240L, Corsair Hydro H100, Silverstone Tundra TD03, Cooler Master Seidon 120V	8.1°C to 12.2°C
2	Corsair Hydro H80, Cooler Master Eisberg 240L, Zalman LQ320	
3	Noctua NH-C14	

**1** **Spire Thermax Eclipse II** (two fans)  12.6°C over ambient

**2** **Cooler Master TPC-812** 

**3** **Noctua NH-C14** 

## TOP 5 Heatsinks by Low Noise\*

(\*at maximum fan speed)

Socket  
LGA1150/1155/1156  
& LGA775,  
LGA2011/1366

Rank	Heatsink Brand and Model:	Spread:
1	NoFan CR-100A	0 dBA
2	NoFan CR-95C	
3	Silverstone Heligon HE02	
4	Scythe Orochi SCORC-1000	
5	Zalman FX-100	N/A
6	Scythe Zipang	

**2** **NoFan CR-95C** 

**3** **Silverstone Heligon HE02** 

**4** **Scythe Orochi SCORC-1000** 

**5** **Zalman FX-100** N/A

**6** **Scythe Zipang**

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## Recently Tested



Dynatron G556 2U Xeon Server Heatsink Review



Dynatron G555 2U Xeon Server Heatsink Review



Dynatron G199 1U Xeon Server Heatsink Review



Cooler Master Nepton 280L Liquid Cooling System Review



Cooler Master Nepton 140Xi Liquid Cooling System Review



Zalman LQ320 Liquid Cooling System Review

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**NO FAN NO NOISE**

**NOFAN**

Three Free System

01. Noise Free
02. Dust Free
03. Maintenance Free

Noise 0 dB(A)





<b>4</b>	<b>Tuniq Tower 120 Extreme</b>	
	Zalman Reserator 3 Max	
<b>5</b>	<b>Xigmatek Dark Knight SD1283</b>	
	Zalman LQ310	
<b>6</b>	<b>Phanteks PH-TC14PE</b>	
<b>7</b>	<b>Noctua NH-D14</b>	
<b>8</b>	<b>Thermaltake Frio</b>	
	Thermaltake Water 2.0 Performer	
<b>9</b>	<b>Glacialtek Igloo H58</b>	
<b>10</b>	<b>Zalman CNPS9900 Max</b>	
		15°C over ambient

\*Heatsinks are ranked according to the lowest rise in ambient temperature on Frostytech thermal test platform, with fan at maximum speed. More detailed results reside in each specific heatsink review.

<b>7</b>	<b>3Rsys Iceage 80 Prima Mini</b>	
<b>8</b>	<b>Glacialtek Igloo 5750 Silent</b>	
<b>9</b>	<b>Intel Stock Core 2 Duo</b>	
<b>10</b>	<b>Scythe Mine Rev. B</b>	
		36.8dBA

\*Heatsinks are ranked according to the lowest decibel reading measured, while the fan is at its maximum speed. More detailed results reside in each specific heatsink review.

Rankings are based on Frostytech's 125W [AMD](#) synthetic thermal test results heatsink reference chart . [ [TOP](#) ]

## heat sinks

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TOP 5 Heatsinks by Temperature 		
(Ranked by 125W AMD test platform results)		
Socket AM2/AM3/FM1/FM2 CPUs		
Rank	Heatsink Brand and Model:	Spread:
	Coolermaster Nepton 280L , Coolermaster Nepton 140XL, Coolermaster Seidon 240M, Silverstone Tundra TD02, Coolermaster Glacier 240L, NZXT Kraken X60	6.1°C to 8.8°C
<b>1</b>	<b>Spire Thermax Eclipse II</b>	10.2°C over ambient
	Silverstone Tundra TD03	
<b>2</b>	<b>Evercool HPJ-12025</b>	
	Corsair Hydro H80i, Corsair Hydro H100i	
<b>3</b>	<b>Xigmatek Aegir SD128264</b>	
	Coolermaster Eisberg 240L	
	<b>Thermaltake Frio</b>	

TOP 5 Heatsinks by Low Noise* 		
(*at maximum fan speed)		
Socket AM2/AM3/FM1/FM2 CPUs		
Rank	Heatsink Brand and Model:	Spread:
<b>1</b>	<b>NoFan CR-100A</b>	0 dBA
<b>2</b>	<b>NoFan CR-95C</b>	
<b>3</b>	<b>Silverstone Heligon HE02</b>	
<b>3</b>	<b>Scythe Orochi SCORC-1000</b>	
<b>4</b>	<b>Zalman FX-100</b>	N/A
	<b>Scythe Zipang</b>	

<b>4</b>		
<b>5</b>	<b>Noctua NH-D14</b>	
<b>6</b>	<b>Phanteks PH-TC14PE</b>	
<b>7</b>	<b>Noctua NH-U14S</b>	
	Coolermaster Seidon 120V, Corsair Hydro H100, AMD FX Series Liquid Cooler, Zalman LQ320	
<b>8</b>	<b>Silverstone Heligon HE01</b>	
<b>9</b>	<b>Coolermaster TPC-812</b>	
<b>10</b>	<b>Zalman CNPS10X Extreme</b>	

12°C over ambient

\*Heatsinks are ranked according to the lowest thermal test result, with fan at maximum speed. More detailed results reside in each specific heatsink review.

<b>5</b>		
<b>6</b>	<b>3Rsys Iceage 80 Prima Mini</b>	
<b>7</b>	<b>Glacialtech Igloo 5750 Silent</b>	
<b>8</b>	<b>Verax Helado</b>	
<b>9</b>	<b>Glacialtech Igloo 7311 Silent</b>	
<b>10</b>	<b>Scythe Mine Rev. B</b>	

36.8dBA

\*Heatsinks are ranked according to the lowest decibel reading measured, while the fan is at its maximum speed. More detailed results reside in each specific heatsink review.

Frostytech's Top 5 Low Profile heatsink charts are [posted right here](#).

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