



TOP 5 BEST Heat Sinks

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All Heat Sinks

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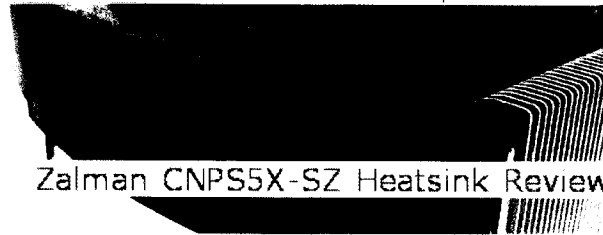
Reviews

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- Top 5 Heatsinks
- Top 5 Low Profile Heatsinks

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## Zalman CNPS5X-SZ Heatsink Review

TOP 5  
HEATSINKS  
by  
FROSTYTECH

Quickly find the best Heatsinks for...

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- AMD CPUs
- Quiet Running

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XIGMATEK S128264  
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NOCTUA NH-C14  
LOWER NOISE  
HEATSINK REVIEW

EVERCOOL  
TRANSFORMER 4  
HPJ-12025 (2010  
ED.) HEATSINK  
REVIEW

EVERCOOL HPL-815  
LOW PROFILE  
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2010 EDITION  
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## What's New In Heat Sinks?



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## GPU Universal Water Block Roundup

Fri: 03/18/2011 Topic: Cooling / Heatsinks Permalink

"For water cooling enthusiasts that want flexibility and affordability for a graphics card block, the universal GPU water block may be a better solution than a full coverage block. Today we're looking at five of the most popular universal GPU blocks on the market to find out which can rise to the top and which sink to the bottom."

Full Story:

pureoverclock

A Matrix Tower  
6 Heatpipes

ICE MATRIX 600



## Noctua NH-C14 CPU Cooler

Tue: 03/15/2011 Topic: Cooling / Heatsinks Permalink

"As aftermarket CPU coolers continue a trend of "bigger is better", manufacturers must constantly tweak their designs to ensure compatibility across multiple platforms. Perhaps no one knows this better than Austrian company Noctua. Within the last year we've reviewed three coolers from them, the NH-D14, the C12P SE14 and the U9B SE2, and two of those feature their signature NF-P14 140mm fan. If you thought finding room to put one 140mm fan on a CPU cooler wasn't challenging enough, today we take a look at Noctua's latest creation, the NH-C14, and see how they manage to squeeze two of them on there."

Full Story:

ocia

## ThermoLab Trinity Heatsink Review

Fri: 03/18/2011 Topic: Cooling / Heatsinks Permalink

According to the ThermoLab website the Trinity is designed to provide a good cooling balance between total performance and heatsink noise. Based on what we have seen and heard this statement is absolutely true and there are a couple of factors that contributed to making this happen.

Full Story:

ninjalane

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## Antec Kühler H2O 620 CPU Cooler Review

Fri: 03/18/2011 Topic: Cooling / Heatsinks Permalink

The Kühler H2O 620 from Antec is another all-in-one water cooler which does not need any maintenance during its lifetime, and it is recommended for people who want a very easy installation, without the hassle of building a complete water cooling loop from scratch.

Full Story:

madshrimps

## Thermaltake Frio OCK CPU Cooler Review

Tue: 03/15/2011 Topic: Cooling / Heatsinks Permalink

Featuring two 130mm VR fans, six 6mm all-copper nickel plated heatpipes and a cooling power of 240W (Thermal Design Power) the latest Frio OCK is by far the most powerful CPU Cooler Thermaltake has manufactured to date.

Full Story:

rwilabs

## EVERCOOL Transformer CPU Cooler Series

Mon: 03/14/2011 Topic: Cooling / Heatsinks Permalink

EVERCOOL Thermal Corp., Ltd. The special feature of Transformer cpu cooler series is the shining silver look that is eye-catching in the various CPU coolers with hard impression. Both Transformer 4 Plus and new launched Transformer 3 provide silent cooling performance.

## Resources

- Got Feedback?
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- Cooling Projects

## Recently Tested

Sunbeamtech Twister  
120 Heatsink ReviewZalman ZM-MFC1  
Combo 5-Channel Fan  
Controller ReviewTTIC nPowertek  
Hurricane NPH-105  
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600 Heatsink ReviewDeepcool Ice Matrix  
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Tech Polls

## Thermal Compound Testing

How much would you pay to read a comprehensive test report of various CPU Thermal Compound pastes?

Nothing

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the forefront of coolers, case fans, and CPU fans. They have always been innovative with their products, and their newest Noctua NH-C14 is no different: twin 140 mm fans adorn each side of this cooler. The entire cooler is made of superior cooling materials (which will be touched on later) and is designed for all the modern CPU socket sets to date. This is one of Noctua's higher-end coolers and retails for \$90.

Full Story:  
◊ bjorn3d

### Cooler Master Hyper 101 CPU Cooler Review

Fri: 03/18/2011 Topic: Cooling / Heatsinks PermaLink

"This time we tested the Hyper 101 CPU cooler from Cooler Master, which has a tower heatsink, two heatpipes and an 80-mm fan. Check it out!"

Full Story:  
◊ hardwaresecrets

### Second Attempt: Scythe Setsugen 2 VGA Cooler Review

Wed: 03/16/2011 Topic: Cooling / Heatsinks PermaLink

A new cooler from the Japanese Scythe Company is their second attempt to design a universal and at the same time pretty efficient graphics card cooling system. Let's see if they succeeded.

Full Story:  
◊ coolers

### Thermal Interfaces Roundup: Retail Products

Wed: 03/16/2011 Topic: Cooling / Heatsinks PermaLink

Our first massive roundup is going to talk about 26 different thermal grease choices that can be purchased individually, without the cooler itself. We are going to find out which ones rock and which ones fail.

Full Story:  
◊ xbitlabs

### GlacialLight Now Using Innovative LED Driver in Products

Wed: 03/16/2011 Topic: Imaging PermaLink

GlacialLight, a sub-division of the experienced technology manufacturer GlacialTech Inc., is pleased to announce the newly innovated GlacialPower LED driver that enhances lumen and power-saving performances, making available more compatible, more efficient and more reliable LED lighting products. The GlacialPower LED driver is already in use on GlacialLight's MR16 and AR111 LED bulbs.

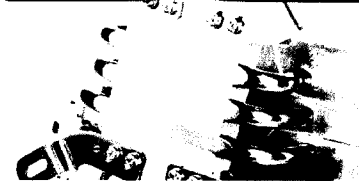
GlacialLight's R&D team has developed the GlacialPower LED driver to eliminate the need for an electronic transformer, aiming to provide more energy-saving and environmentally-friendly LED products. GlacialPower's LED driver technology is expected to lead a new trend in innovation and become an essential feature for all LED lighting products.

Traditionally, LED chips are powered as follows:

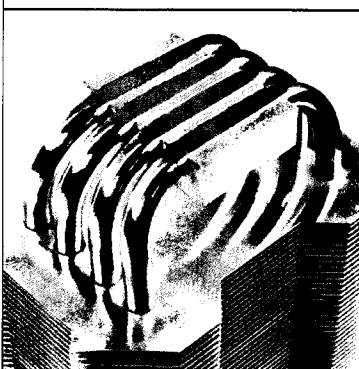
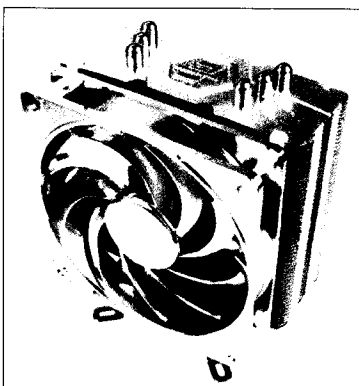
An electronic transformer is used to convert AC voltages (usually 110V or 220V) to the LED product's specified voltage (AC12V) ? This power then flows into an LED driver and is converted into DC voltage with constant current control ? Finally, the power flows to the LED chip.

With GlacialPower's innovative LED driver, the first step in this power conversion process is unnecessary. AC voltages flow directly into GlacialPower's LED driver and then provide a constant current to the LED chip, without any additional drivers needed in the bulb itself.

This enhancement means that GlacialLight's LED products have a more optimized and streamlined powering process. The simplified process makes the power conversion efficient and enhances the reliability of the LED products.



Three 6mm heat pipes in V shape of Transformer 3 increases the airflow and improves the cooling performance. 12cm PWM fan, which can automatically control the fan speed up to 2200RPM by detecting the CPU temperature, and H.D.T Tech can rapidly take the heat away. Its shock absorption rubber nail design reduces the shake and lowers the noise to provide extremely quiet cooling. Additionally, clips for Intel and AMD are great compatibility.



Number of votes: 2556

Websites you may also like:  
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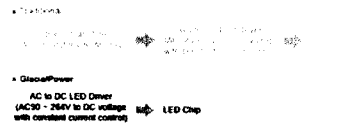
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Design of LED lighting products is based on three core technologies including electrical design (LED drivers), mechanical design (cooling devices), and optical design (lamp holders), respectively performed by GlacialPower, GlacialTech, and GlacialLight in the GlacialTech family. With the three core technologies in hand, GlacialTech has integrated all the resources required for exceptional designs and manufactures excellent LED lighting products you can trust.

The advantages of bundling AR111/MR16 LED luminaries with the GlacialPower AC-to-DC LED driver HS05N / HS10P / HS15P/ TS10P series



1. The AC-to-DC LED driver can accommodate a wide AC input voltage range of 90~264V. ( TS10P Excluded )
2. Benefits from this one-stage power conversion include high efficiency and high reliability.
3. AC Triac Dimming capability. ( TS10P only )
4. High power factor (PF) achieved. (HS05N Excluded )
5. No compatibility issues are caused by AC electronic transformers
6. LED lifetimes are prolonged by eliminating the need for AC electronic transformers in the lighting system.
7. The series can put up with harsh environments and is accredited with the IP67 ingress protection against dust and water.
8. The AC-to-DC LED driver also complies with the IEC 61347 safety standard.

Full Story:  
[GlacialTech](#)



Another member in Transformer series is Transformer 4 Plus, which won "COMPUTEX TAIPEI 2010 Design & Innovation Awards", uses four 8mm copper heat pipes and dual PWM fans, and also uses H.D.T Tech to directly take the heat dissipation. The fans with PWM function can automatically control and adjust the fan speed to keep its noise level at 15dBA. Large aluminum fins and fans enhance the convection for CPU and other components to make noiseless and perfect cooling.

Transformer 4 Plus has excellent overclocking and cooling performance, and Transformer 3 has a good C/P value. EVERCOOL Transformer CPU cooler series provide different cooling solutions for users.

The video: <http://www.youtube.com/watch?v=n8gm71iNONE> is for EVERCOOL Transformer series. For more details about EVERCOOL and products, please always welcome to visit: <http://www.evercool.com.tw/>

Full Story:  
[evercool](#)

## Evercool HPL-815EP Low Profile Cooler Review

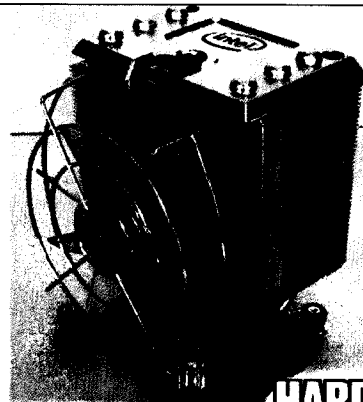
Tue: 03/15/2011 Topic: Cooling / Heatsinks PermaLink

Evercool turns out a number of solid products and the HPL-815EP is no exception. It may have a less than flashy name but it gets the job done. It is a good cooler if you have limited space and have no intentions of overclocking making it a perfect choice for home theater PCs no matter your choice in processor.

Full Story:  
[overclockersonline](#)

## Intel XTS100H CPU Cooler Review

Sun: 03/13/2011 Topic: Cooling / Heatsinks PermaLink



"Today we are testing the only CPU cooler from Intel available on the retail market, the XTS100H. It is compatible with sockets 1155/1156, has a tower heatsink, three heatpipes and a 95 mm fan. Check it out! "

Full Story:  
[hardwaresecrets](#)

## 120 mm Fan Roundup, Part 2: 1350 RPM or Higher Rotation Speed

Tue: 03/15/2011 Topic: Cooling / Heatsinks PermaLink

We continue testing 120 mm fans and today we are going to check out 32 models, which rotation speed exceeds 1350 RPM. We will check out their acoustic performance and airflow.

Full Story:  
[xbitlabs](#)

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## Twister 120 by SunbeamTech

Fri: 03/11/2011 Topic: Cooling / Heatsinks PermaLink

We are very excited to have the latest product from SunbeamTech in the house. SunbeamTech has been in business since 2000 and has been just shy of being an enthusiast household name. The name really started sinking in when SunbeamTech spun off with the Tuniq line of CPU coolers. The Tuniq line quickly took the CPU cooling crown and held it for quite some time. SunbeamTech recently released the Twister 120 which is the cooler we will be reviewing today. The Twister 120 is SunbeamTech's next shot at the cooling crown. SunbeamTech was never shy to be innovative in their designs and approach to

news

technology. The newly released Twister 120 by SunbeamTech follows this tradition. The Twister 120 comes with the traditional 6 heatpipe design, however SunbeamTech decided to beef them up a bit by making them 8mm thick instead of the usual 6mm. And SunbeamTech did not stop here. The Twister 120 also implements a dual fan setup. Of course, we have seen this before, but SunbeamTech does it with a Twist. The two fans spin in counter rotation. One fan spins clockwise and the other spins counter clockwise. If you are into aerodynamics a little bit, you might have just heard a bell ringing, correct...it's a turbine. The counter rotational spinning of the fans accelerates the airflow through the heatsink just like it would in a turbine. This allows the use of slower spinning fans and achieves the same cooling performance.

Full Story:  
 ◦ [techreaction](#)

### Noctua NH-C14 CPU cooler review

Fri: 03/11/2011 Topic: Cooling / Heatsinks Permalink

In the long line of Noctua CPU coolers they introduced another CPU cooler, tagged with the name NH-C14, the heatpipes bent in a C shape and armed with not one, but two Noctua NF-P14 FLX 140mm fans this product is bound to keep any CPU released to date nicely cooled and chilled.

Full Story:  
 ◦ [noctua](#)

### Xigmatek Loki CPU Cooler Review

Fri: 03/11/2011 Topic: Cooling / Heatsinks Permalink

"Xigmatek's Loki is a terrific little cooler that packs a lot of performance into a compact package that's easily installed and should fit on just about any board and in most cases. Widely available online for as little as \$25 US, Loki is also very reasonable and represents an excellent value."

Full Story:  
 ◦ [tweaknews](#)

### Antec Kuhler H2O 620 Liquid CPU Cooler Review

Thu: 03/10/2011 Topic: Cooling / Heatsinks Permalink

"The Antec Kuhler H2O 620 CPU Cooler is one of the newest offerings in self contained liquid CPU cooling with zero maintenance. The technologies of the Antec Kuhler H2O 620 would have been available only in the highest priced enthusiast coolers a short time ago, but Antec is now delivering them in an affordable, easy to install and maintain unit. The Kuhler H2O 620 offers all of the benefits of liquid cooling, including lowered CPU and component temperatures without the complications typically associated with liquid cooling."

Full Story:  
 ◦ [hitechlegion](#)



### Noctua NH-C14 CPU Cooler Review

Thu: 03/10/2011 Topic: Cooling / Heatsinks Permalink

"Noctua's NH-C14 is a huge cooler, both in physical size and performance. The build quality is excellent and the mounting solutions are very robust and easily installed. I particularly like the fan clip design and implementation. With two included fans, a feature rich accessory package including LNA and ULNA fan speed reducers, a screwdriver and an enameled metal

case badge, the NH-C14 would seem to be a dream product for the enthusiast/overclockers among us."

[Full Story](#)  
◦ [tweaknews](#)

### Lamptron Fan-Atic 5-Channel Fan Controller Review

Thu: 03/10/2011    Topic: Cooling / Heatsinks    [Permalink](#)

"A little while back Legit Reviews had a look at the Lamptron FC-8, a brand new 8 channel controller from Lamptron that did well to color me impressed enough to earn itself the innovation award. Lamptron has another product for us to look at today which has been out longer. The Lamptron Fan-Atic is a controller with more than enough power to tackle any job you could throw at it. Offering an impressive 60watts of power per channel, you will most likely run out of Y cables before you run out of fans to hook up to this guy..."

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