

Thermal Management

Coolers | Heatsinks | Filters & Guards | DC Fans | DC Blower Fans | Compounds



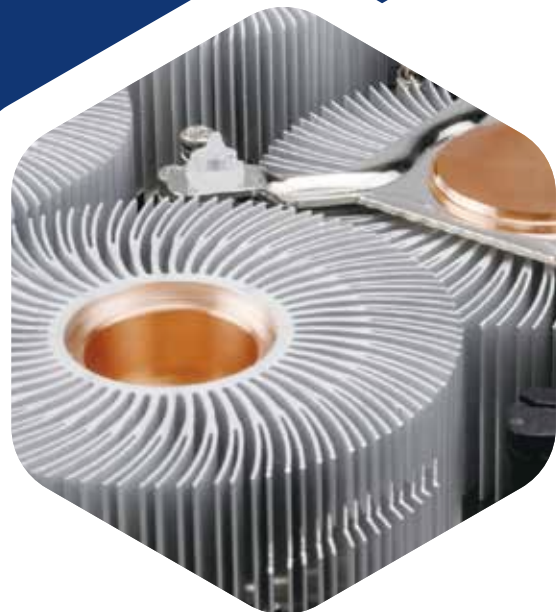
SUPERB DESIGN ENGINEERING

Company Introduction & Key Thermal Solutions Milestones

Akasa design and manufacture a wide range of high quality technology products including coolers, heatsinks and fans which we supply directly to industry worldwide.

Corporate Overview

- **1997** Founded in Taipei & London (EMEA)
- **1998** Akasa (Asia) Corp. established (APAC & NA)
 - **2000** Official launch of brand "Akasa"
 - **2001** Brazil office established (South America)
- **2004** Release of the pure copper Silver Mountain CPU cooler
- **2005** Fan manufacturing facilities opened in Dong Guang, China
 - **2006** Release of optional VDE certification for IP55 fans
- **2007** New facility, Dachi Metal and Electronics Ltd., operated in Dong Guang, China for assembly
 - **2007** Release of the ultra-quiet, classical design Amber-series fan
 - **2008** First range of SSF compact case
 - **2009** ISO9001 & ISO14001 certified
 - **2009** Release of the Apache-series PC fan series with IP57 & innovative S-Flow blade design
 - **2012** CNC manufacturing facilities opened in Dong Guang, China
 - **2012** Release of the innovative air ripper blade design under the Piranha-series fan
- **2012** First range of Fanless Chassis for Intel®-based Thin- Mini ITX launches for up to 35W thermal design
 - **2015** First range of IP65-rated Fanless Chassis for Intel® NUCs
 - **2017** Release of OEM cooler solutions for AMD Ryzen Threadripper
- **2020** Release of Maxwell Pro fanless case for Mini-ITX Intel® & AMD platforms & 65W TDP
 - **2020** Holland office established (for European Union customers)
 - **2022** Fanless Case and CPU cooler solutions for Intel® LGA1700
 - **2022** IP68 Fan Series with Patented-Anti vibration design
 - **2022** Fanless Case and CPU cooler solutions for AMD AM5



Akasa branded products are sold through etailers, retailers and e-commerce platforms worldwide. Products include cables, coolers, card readers, cases, external enclosures, fans in many colours, notebook coolers and power supplies.



Akasa is an extremely versatile turnkey manufacturer with the capability to turn your concepts and ideas into a series of products


Pre-Sales
Need Analysis


Product Design


Prototype
&
Fabrication


Production
Logistics
Post-Sales

Our engineering staff boasts unmatched experience and practical knowledge. Our group can provide conceptual studies and drawings within a short time, and complex custom built hardware within a reasonable time.

Corporate Overview

Akasa design and manufacture a comprehensive range of high quality technology products including coolers, heatsinks and fans. We work closely with processor and motherboard manufacturers to ensure our products match the complex demands of CPU and form-factor technology. So when new, advanced technology arrives, Akasa have the products and expertise to make it work for you.

Design
Akasa have extensive design and development capability in Europe, Hong Kong and Taiwan. Customised equipment and computer modelling software are used for measuring noise and case vibrations, airflow, static pressure and temperature control.

Quality
Akasa is 100% dedicated to serving customers with reliable products which provide certainty in use. We never compromise product quality. All our products are manufactured under strict quality control standards.

Manufacturing
Akasa own and manage manufacturing plants in China with modern facilities including computer aided precision tooling and injection moulding. For specialist technology requirements we have a network of strategic partners in China, Taiwan and Europe.

Markets
Akasa is a leading supplier of thermal solutions to the global electronics industry : PC, IPC, electronic manufacturing and contract manufacturing. Our products are employed in numerous applications from sophisticated scientific IT to robust mechanical devices.

Expert knowledge at your service
We work with customers on product configuration to determine the most effective thermal solution. Whatever the problem, thermal failure in an existing product or too much heat in a new system, we have the practical knowhow to resolve it.

Akasa retail brand
Our innovative end-user products are sold under the distinctive Akasa brand through distributors, etailers, retailers and e-commerce platforms worldwide. There are hundreds of Akasa branded products including cables, coolers, card readers, cases, external Type-C docks, fans in many colours, notebook coolers and power supplies, Akasa products regularly win industry awards.

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Cooler and heatsink finder

Alaska Product Code	Page Number	Desktop and Tower Cases	Low Profile	1U cooler	2U cooler	3U cooler	Intel® LGA1700	Intel LGA 1200	Intel LGA 115X	Intel LGA 1356	Intel LGA 1366	Intel LGA 775	LGA LGA 4189	Intel LGA 3647 (Narrow ILM)	LGA 3647 (Square ILM)	AMD AM5	AMD AM4	AMD AM3+ / AM3	AMD AM2+ / AM2	AMD FM2+ / FM2	AMD FM1	AMD socket A and Intel 370	Retention†	Backplate
AK-CC6606BP01	2	•					•																PP	
AK-CC6603EP01	2	•					•																PP	
AK-CC6607EP01	2	•					•																S	•
AK-CC6608BP01	2	•					•																S	•
AK-968	3,17	•						•	•		•	•				•	•	•	•	•	•		PP/C	
AK-CC085	3	•						•	•		•	•											PP	
AK-CCE-7101CP	3	•						•	•		•	•											PP	
AK-CCE-7102EP	3	•						•	•		•	•											PP	
AK-CCE-7104EP	4	•						•	•		•	•											PP	
AK-CCE-7105EP	4	•						•	•		•	•											S	•
AK-CC7109EP01	4	•						•	•		•	•											PP	
AK-CC7108EP01	4	•						•	•		•	•											PP	
AK-CC7108ES01	4	•						•	•		•	•											PP	
AK-959CU	5	•						•	•		•	•											PP	
AK-959	5	•						•	•		•	•											PP	
AK-CC7139HP01	5	•						•	•		•	•											S	•
AK-981-B	5	•									•												PP	
AK-CC6609EP01	6	•	•				•																S	•
AK-CC6601EP01	6	•	•				•																PP	
AK-CC6602HP01	6	•	•				•																PP	
AK-CC6610EP01	6	•	•				•																S	•
AK-CC6614EP01	7	•	•				•																S	•
AK-CC6613EP01	7	•	•				•																S	•
AK-CC6612EP01	7	•	•				•																S	•
AK-CC6309EP01	7	•	•					•	•														S	•
AK-CC6308EP01	8	•	•					•	•														S	•
AK-CC7129EP01	8	•	•					•	•		•	•											S	•
AK-CC7129BP01	8	•	•					•	•		•	•											S	•
AK-CC7122EP01	8	•	•					•	•		•	•											PP	
AK-CC7122BP01	8	•	•					•	•		•	•											PP	
AK-CCE-7106HP	9	•	•					•	•		•	•											PP	
AK-CC7124EP01	9	•	•					•	•		•	•											PP	
AK-CC7402BT01	9				•		•	•	•	•	•												S	•
AK-CC7401BP01	9			•			•	•	•	•	•												S	•
AK-CC7302BP02	10				•		•	•	•	•	•												S	•
AK-CC7302BT01	10				•		•	•	•	•	•												S	•
AK-CCE-7107BP	10		•				•	•	•	•	•												S	•
AK-CCE-7107BS	10		•				•	•	•	•	•												S	•
AK-CC7111	10		•				•	•	•	•	•												S	•
AK-CC6313	10		•				•	•															S	•
AK-CC9401BP01	11		•									•											S	
AK-CC9402	11		•									•											S	
AK-CC9403	11			•								•											S	
AK-CC9404BP01	12			•								•											S	
AK-CC9405BP01	12					•						•											S	
AK-CC9301	13		•									•											S	
AK-CC9302	13		•									•											S	
AK-CC9303	13		•									•											S	
AK-CC9304	13			•								•											S	
AK-CC9305	14			•								•											S	
AK-CC9306BP01	14			•								•											S	
AK-CC9307BP01	14					•						•											S	
AK-CC9201	15		•									•											S	
AK-CC9202	15		•									•											S	
AK-CC9203	15			•								•											S	
AK-CC9204	15			•								•											S	
AK-CC9205BP01	16			•								•											S	
AK-CC9206BP01	16					•						•											S	
AK-CC1110EP01	17	•														•	•	•	•	•	•	•	C	
AK-860EF	17	•														•	•	•	•	•	•	•	C	
AK-860CP	18	•														•	•	•	•	•	•	•	C	
AK-CC1108HP01	18	•														•	•	•	•	•	•	•	S	
AK-CC1107EP01	18	•														•	•	•	•	•	•	•	C	
AK-CC1104EP01	18	•														•	•	•	•	•	•	•	C	
AK-786	19	•																				•	C	
AK-CC1105ES01	19	•																				•	C	
AK-CC1102EP01	19		•													•	•	•	•	•	•	•	C	
AK-CC1101EP02	19		•													•	•	•	•	•	•	•	C	
AK-392BP01	20		•		•																		S	
AK-CC1109BP01	20		•	•												•	•						S	
AK-392	20		•		•													•	•				S	

† C = clip mounting RM = retention module S = screw mounting PP = push pins mounting

Intel® LGA1700

AK-CC6606BP01



PWM fan	omni-cooling	copper core
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Copper core cooler for Intel® LGA1700 processors using an open frame 90mm PWM two ball bearing fan for low noise and reliable performance cooling.

- CPU: Intel® Core™ i7, i5, i3
- socket: LGA1700
- heatsink: aluminium fins and copper core
- mounting: push-pins
- interface: pre-applied
- cooler dimension: 94.8 x 94.8 x 63.2mm
- heatsink dimension: 87.2 x 85.2 x 35.52mm
- fan dimension: Ø 90 x 25mm
- fan: two ball bearing, DC12V
- speed: 500 - 3400 RPM
- max. airflow: 40.90 CFM
- max. air pressure: 3.81 mm-H2O
- max. sound: 36 dB(A)
- fan life expectancy: 80,000 hrs
- connector: 4-pin (PWM)



AK-CC6603EP01



PWM fan	omni-cooling
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Great value Intel® cooler with 95mm low noise PWM fan. Adjustable push-pins for easy mounting and reliable retention on Intel® LGA1700.

- CPU: Intel® Core™ i5 & i3
- socket: LGA1700
- heatsink: aluminium fins and core
- mounting: push-pins
- interface: pre-applied
- cooler dimension: 95 x 95 X 59.2mm
- heatsink dimension: 87.2 x 85.2 x 32.02mm
- fan dimension: Ø 95 x 25mm
- fan: EBR bearing, DC12V
- speed: 600 - 3000 RPM
- max. airflow: 53.62 CFM
- max. air pressure: 4.87 mm-H2O
- max. sound: 36.6 dB(A)
- fan life expectancy: 40,000 hrs
- connector: 4-pin (PWM)



Intel® LGA1700

AK-CC6607EP01



PWM fan	omni-cooling
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Quiet aluminium cooler using an extra secure mounting with backplate and screws. 95mm PWM fan and multi directional heatsink for cost effective and efficient cooling.

- CPU: Intel® Core™ i5 & i3
- socket: LGA1700
- heatsink: aluminium fins and core
- mounting: metal screws and retention plate
- interface: pre-applied
- cooler dimension: 95 x 95 X 64.5mm
- heatsink dimension: 87.2 x 85.2 x 36.96mm
- fan dimension: Ø 95 x 25mm
- fan: EBR bearing, DC12V
- speed: 600 - 3000 RPM
- max. airflow: 53.62 CFM
- air pressure: 4.87 mm-H2O
- max. sound: 36.6 dB(A)
- fan life expectancy: 40,000 hrs
- connector: 4-pin (PWM)



AK-CC6608BP01



PWM fan	omni-cooling	copper core
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Copper core cooler for Intel® LGA1700 processors using an open frame 90mm PWM twin ball bearing fan for low noise and reliable performance cooling.

- CPU: Intel® Core™ i7, i5 & i3
- socket: LGA1700
- heatsink: aluminium fins and copper core
- mounting: metal screws and retention plate
- interface: pre-applied
- cooler dimension: 94.8 x 94.8 x 63.2mm
- heatsink dimension: 87.2 x 85.2 x 35.52mm
- fan dimension: Ø 90 x 25mm
- fan: two ball bearing, DC12V
- speed: 500 - 3400 RPM
- max. airflow: 40.90 CFM
- air pressure: 3.81 mm-H2O
- max. sound: 36 dB(A)
- fan life expectancy: 80,000 hrs
- connector: 4-pin (PWM)



Intel® LGA 1200 / 115X / 1366 / 775

AK-968



- PWM fan
- heatpipe
- copper base

Multi-platform CPU cooler developed from the hugely popular AK-965. Akasa (patented) Easy Select Clip is used for no-hassle mounting.

- CPU: Intel® Core™ i9, i7, i5 & i3
- socket: Intel® LGA1200, LGA115X, LGA1366 & LGA775
- heatsink: copper base and heatpipes, aluminium fins
- mounting: push pins
- interface: sachet supplied
- cooler dimension: 135 x 109 x 90mm
- heatsink dimension: 134.5 x 105 x 58mm
- fan dimension: Ø 92 x 25mm
- fan: sleeve bearing, DC12V
- speed: 600 – 2500 RPM
- max. airflow: 47.68 CFM
- max. air pressure: 2.56 mm-H2O
- sound: 17.0 - 29.5 dB(A)
- fan life expectancy: 30,000 hrs
- connector: 4-pin (PWM)



AK-CC085



- PWM fan
- heatpipe
- copper base

Akasa (patented) Easy Select Clip is used for no-hassle mounting.

- CPU: Intel® Core™ i9, i7, i5, i3
- socket: Intel® LGA1366, LGA1200, LGA115X, LGA775
- heatsink: copper base and heatpipes, aluminium fins
- mounting: push-pins
- interface: pre-applied
- cooler dimension: 136 x 111 x 89.5mm
- heatsink dimension: 134.5 x 105 x 58mm
- fan dimension: Ø 92 x 25mm (on 80mm fitting)
- fan: enter bearing, DC12V
- speed: 600 – 2500 RPM
- max. airflow: 43.3 CFM
- max. air pressure: 2.78 mm-H2O
- sound: 17.2 - 27.91 dB(A)
- fan life expectancy: 40,000 hrs
- connector: 4-pin (PWM)



Intel® LGA 1200 / 115X / 775

AK-CCE-7101CP



- PWM fan
- omni-cooling

Ultra quiet PWM fan and multi directional aluminium heatsink for cost effective performance cooler. Ball bearing 9cm fan and reliable dual socket push-pins mounting.

- CPU: Intel® Core™ i7, i5, i3
- socket: Intel® LGA1200, LGA115X, LGA775
- heatsink: aluminium fins and core
- mounting: push-pins
- interface: pre-applied
- cooler dimension: 94.8 x 94.8 x 62.3mm
- heatsink dimension: 87.2 x 85.2 x 36.39mm
- fan dimension: 92 x 25mm (on 80mm fan fitting)
- fan: ball bearing, DC12V
- speed: 600 - 3000 RPM
- max. airflow: 55.4 CFM
- max. air pressure: 4.30 mm-H2O
- sound: 11.73 - 28.8 dB(A)
- fan life expectancy: 40,000 hrs
- connector: 4-pin (PWM)



AK-CCE-7102EP



- PWM fan
- omni-cooling

Great value compact cooler using PWM fan and high engineered aluminium heatsink with bi-ped fins for efficient and low noise cooling. Dual socket push-pins mounting for easy and reliable retention.

- CPU: Intel® Core™ i5, i3
- socket: LGA1200, LGA115X, LGA775
- heatsink: aluminium, omnidirectional fins
- mounting: push-pins
- interface: pre-applied
- cooler dimension: 95 x 95 x 54mm
- heatsink dimension: 87.2 x 85.2 x 26.5mm
- fan dimension: 80 x 80 x 25mm
- fan: EBR bearing, DC12V
- speed: 600 - 3000 RPM
- max. airflow: 35.31 CFM
- max. air pressure: 4.04 mm-H2O
- max. sound: 31 dB(A)
- fan life expectancy: 40,000 hrs
- connector: 4-pin (PWM)



Intel® LGA 1200 / 115X / 775

AK-CCE-7104EP



PWM fan omni-cooling

Ultra quiet PWM fan and multi directional aluminium heatsink for cost effective performance cooler. Enter bearing 9cm fan and reliable dual socket push-pins mounting.

- CPU: Intel® Core™ i5, i3
- socket: LGA1200, LGA115X, LGA775
- heatsink: aluminium, omni-directional fins
- mounting: push-pins
- interface: pre-applied
- cooler dimension: 94.8 x 94.8 x 62.3mm
- heatsink dimension: 87.2 x 85.2 x 36.4mm
- fan dimension: Ø 92 x 25mm (on 80mm fittings)
- fan: enter bearing, DC12V
- speed: 600 – 3000 RPM
- max. airflow: 56.81 CFM
- max. air pressure: 4.05 mm-H2O
- sound: 17.2 – 30.54 dB(A)
- fan life expectancy: 40,000 hrs
- connector: 4-pin (PWM)



AK-CCE-7105EP



PWM fan omni-cooling

Low noise cooler using an extra-safe mounting with backplate and screws. Bi-ped fins maximise heat dissipation.

- CPU: Intel® Core™ i7, i5, i3
- socket: LGA1200, LGA115X, LGA775
- heatsink: aluminium, omni-directional fins
- mounting: screws and backplate
- interface: pre-applied
- cooler dimension: 94.8 x 94.8 x 62.5mm
- heatsink dimension: 87.2 x 85.2 x 36.4mm
- fan dimension: Ø 92 x 25mm (on 80mm fittings)
- fan: enter bearing, DC12V
- speed: 600 – 3000 RPM
- max. airflow: 55.4 CFM
- max. air pressure: 4.30 mm-H2O
- sound: 11.7 – 28.8 dB(A)
- fan life expectancy: 40,000 hrs
- connector: 4-pin (PWM)



Intel® LGA 1200 / 115X / 775

AK-CC7109EP01



PWM fan omni-cooling

Enter bearing 9cm fan and reliable dual socket push-pins mounting.

- CPU: Intel® Core™ i7, i5, i3
- socket: LGA1200, LGA115X, LGA775
- heatsink: aluminium with omni-directional fins
- mounting: push-pins
- interface: pre-applied
- cooler dimension: 95 x 95 x 54 mmmm
- heatsink dimension: 87 x 85 x 29mm
- fan dimension: Ø 92 x 25mm (on 80mm fittings)
- fan: enter bearing, DC12V
- speed: 600 - 2500 RPM (PWM controlled)
- max. airflow: 47.68 CFM
- max. air pressure: 3.56 mm-H2O
- sound: 17.2 – 30 dB(A)
- fan life expectancy: 40,000 hrs
- connector: 4-pin (PWM)



AK-CC7108EP01
AK-CC7108ES01



PWM fan omni-cooling

Enter bearing 9cm fan and reliable dual socket push-pins mounting.

- CPU: Intel® Core™ i7, i5, i3
- socket: LGA1200, LGA115X, LGA775
- heatsink: aluminium with omni-directional fins
- mounting: push-pins
- interface: pre-applied
- cooler dimension: 95 x 95 x 58.5mm
- heatsink dimensions: 87 x 85 x 31mm
- fan dimension: Ø 92 x 25mm
- fan: enter bearing, DC12V
- speed: 2200 RPM (fixed) or 600-3000RPM (PWM)
- for AK-CC7108EP01
- max. airflow: 56.81 CFM
- max. air pressure: 4.05 mm-H2O
- sound: 17.2 – 30.54 dB(A)
- for AK-CC7108ES01
- max. airflow: 38.1 CFM
- max. air pressure: 2.15 mm-H2O
- sound: 27.9 dB(A)
- fan life expectancy: 40,000 hrs
- connector: 3-pin(fixed) or 4-pin (PWM)



Intel® LGA 1200 / 115X / 775

AK-959CU



PWM fan	omni-cooling	copper core
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Low noise dual platform cooler using high engineered multi-directional heatsink with copper core for efficient cooling. PWM controlled fan and easy push-pins mounting.

- CPU: Intel® Core™ i7, i5, i3
- socket: LGA1200, LGA115X, LGA775
- heatsink: aluminium, omni-directional, copper core
- mounting: push-pins
- interface: pre-applied
- cooler dimension: 94.8 x 94.8 x 62mm
- heatsink dimension: 87.2 x 85.2 x 35mm
- fan dimension: Ø 92 x 25mm (on 80mm fan fitting)
- fan: enter bearing, DC12V
- speed: 600 – 3000 RPM
- max. airflow: 56.81 CFM
- max. air pressure: 4.05 mm-H2O
- sound: 17.2 – 30.54 dB(A)
- fan life expectancy: 40,000 hrs
- connector: 4-pin (PWM)



AK-959



PWM fan	omni-cooling
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Low noise cooler using a high engineered multi directional heatsink with bi-ped fins for cost effective and efficient cooling. PWM controlled fan and easy push pins mounting.

- CPU: Intel® Core™ i7, i5, i3
- socket: LGA1200, LGA115X, LGA775
- heatsink: aluminium, omni-directional
- mounting: push-pins
- interface: pre-applied
- cooler dimension: 95 x 95 x 62mm
- heatsink dimension: 87.2 x 85.2 x 35mm
- fan dimension: Ø 92 x 25mm (on 80mm fan fitting)
- fan: enter bearing, DC12V
- speed: 600 – 3000 RPM
- max. airflow: 56.81 CFM
- max. air pressure: 4.05 mm-H2O
- sound: 17.2 – 30.54 dB(A)
- fan life expectancy: 40,000 hrs
- connector: 4-pin (PWM)



Intel® LGA 1200 / 115X

AK-CC7139HP01



PWM fan	omni-cooling
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HD bearing with large 12cm fan and reliable multi-socket metal screw and retention plate mounting.

- CPU: Intel® Core™ i7, i5, i3
- socket: LGA1200, LGA115X
- heatsink: aluminium with omni-directional fins
- mounting: metal screws and retention plate
- interface: sachet supplied
- cooler dimension: 120 x 120 x 59mm
- heatsink dimension: Ø 113 x 34mm
- fan dimension: Ø 120 x 25mm
- fan: HD bearing, DC12V
- speed: 500 - 1800 RPM (PWM)
- max. airflow: 51.3 CFM
- max. air pressure: 1.62mm-H2O
- max. sound: 32.5 dB(A)
- fan life expectancy: 40,000 hrs
- connector: 4-pin (PWM)



Intel® LGA 1366

AK-981-B

Cooler with Two Ball bearing



PWM fan	omni-cooling	copper core
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Multi-directional aluminium heatsink with large, full height copper core and ultra quiet 10cm fan for performance and precise cooling.

- CPU: Intel® Core™ i7 extreme, i7
- socket: LGA1366
- heatsink: aluminium, omni-directional, copper core
- mounting: push-pins
- interface: pre-applied
- cooler dimension: 126 x 126 x 68.5mm
- heatsink dimension: 100 x 100 x 39.6mm
- fan dimension: Ø 101 x 25mm (on 92mm fitting)
- fan: two ball bearing, DC12V
- speed: 600 – 3000 RPM
- max. airflow: 68.14 CFM
- max. air pressure: 4.53 mm-H2O
- max. sound: 15.81-32.05 dB(A)
- fan life expectancy: 50,000 hrs
- connector: 4-pin (PWM)



Intel®

AMD

Fan Filter & Fan Guard

DC Fan

DC Blower Fan

Thermal Interface

Intel® LGA1700

AK-CC6609EP01



PWM fan	omni-cooling	low profile
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Ultra low profile 21.8mm heatsink with embedded fan provides lo-noise compact cooling solution for Intel® LGA1700 processors in thin mini-ITX and SFF chassis

- CPU: Intel® Core™ T-Series
- socket: LGA1700
- heatsink: aluminium, omni-directional
- mounting: metal screws and retention plate
- interface: pre-applied
- cooler dimension: 87.2 x 85.2 x 21.8 mm
- heatsink dimension: 87.2 x 85.2 x 21.8mm
- fan dimension: Ø 75 x 10mm
- fan: enter bearing, DC12V
- speed: 600 – 3000 RPM
- max. airflow: 23.45 CFM
- max. air pressure: 1.81 mm-H2O
- max. sound: 30.75 dB(A)
- fan life expectancy: 40,000 hrs
- connector: 4-pin (PWM)



AK-CC6601EP01



PWM fan	omni-cooling	low profile
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26.9mm heatsink with embedded fan provides lo-noise compact cooling solution for Intel® LGA1700 processors in mini-ITX and micro-ATX chassis.

- CPU: Intel® Core™ T-Series
- socket: LGA1700
- heatsink: aluminium, omni-directional
- mounting: push-pins
- interface: pre-applied
- cooler dimension: 87.2 x 85.2 x 26.92mm
- heatsink dimension: 87.2 x 85.2 x 26.92mm
- fan dimension: Ø 75 x 10mm
- fan: enter bearing, DC12V
- speed: 600 – 3000 RPM
- max. airflow: 23.45 CFM
- max. air pressure: 1.81 mm-H2O
- max. sound: 30.75 dB(A)
- fan life expectancy: 40,000 hrs
- connector: 4-pin (PWM)



Intel® LGA1700

AK-CC6602HP01



PWM fan	omni-cooling	low profile
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29.92mm heatsink with embedded fan provides lo-noise compact cooling solution for Intel® LGA1700 processors in mini-ITX and Micro-ATX chassis.

- CPU: Intel® Core™ i5 & i3
- socket: LGA1700
- heatsink: aluminium with omni-directional fins and copper base
- mounting: push-pins
- interface: pre-applied
- cooler dimension: 87.2 x 85.2 x 29.92 mm
- heatsink dimension: 87.2 x 85.2 x 29.92 mm
- fan dimension: Ø 74 x 15mm
- fan: HD bearing, DC12V
- speed: 600 - 3000 RPM (PWM)
- max. airflow: 33.50 CFM
- max. air pressure: 3.76mm-H2O
- max. sound: 28.71 dB(A)
- fan life expectancy: 50,000 hrs
- connector: 4-pin (PWM)



AK-CC6610EP01



PWM fan	omni-cooling	low profile
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Low profile CPU cooler with copper base and embedded 75mm PWM fan for Intel® LGA1700

- CPU: Intel® Core™ i5, i3
- socket: LGA1700
- heatsink: aluminium with omni-directional fins and copper base
- mounting: screws and retention plate
- interface: pre-applied
- cooler dimension: 85.2 x 87.2 x 26.92mm
- heatsink dimension: 85.2 x 87.2 x 26.92mm
- fan dimension: Ø 75 x 10mm
- fan: enter bearing, DC12V
- speed: 600 - 3000 RPM (PWM)
- max. airflow: 23.45 CFM
- max. air pressure: 1.81mm-H2O
- max. sound: 30.75 dB(A)
- fan life expectancy: 40,000 hrs
- connector: 4-pin (PWM)



Intel® LGA1700

AK-CC6614EP01



PWM fan	omni-cooling	low profile
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Low profile CPU cooler for Intel® LGA1700 with embedded 75mm PWM fan featuring reliable EBR bearing

- CPU: Intel® Core™ T-Series
- socket: LGA1700
- heatsink: aluminium with omni-directional fins
- mounting: screws and retention plate
- interface: pre-applied
- cooler dimension: 85.2 x 87.2 x 26.92mm
- heatsink dimension: 85.2 x 87.2 x 26.92mm
- fan dimension: Ø 75 x 10mm
- fan: EBR bearing, DC12V
- speed: 600 - 3000 RPM (PWM)
- max. airflow: 23.45 CFM
- max. air pressure: 1.81mm-H2O
- max. sound: 30.75 dB(A)
- fan life expectancy: 40,000 hrs
- connector: 4-pin (PWM)



AK-CC6613EP01



PWM fan	omni-cooling	low profile
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Low profile CPU cooler with embedded 75mm PWM fan up to 3600RPM for Intel® LGA1700

- CPU: Intel® Core™ T-Series
- socket: LGA1700
- heatsink: aluminium with omni-directional fins
- mounting: screws and retention plate
- interface: pre-applied
- cooler dimension: 85.2 x 87.2 x 26.92mm
- heatsink dimension: 85.2 x 87.2 x 26.92mm
- fan dimension: Ø 75 x 10mm
- fan: enter bearing, DC12V
- speed: 600 - 3600 RPM (PWM)
- max. airflow: 31 CFM
- max. air pressure: 2.42mm-H2O
- max. sound: 34 dB(A)
- fan life expectancy: 35,000 hrs
- connector: 4-pin (PWM)



Intel® LGA 1700 Intel® LGA 1200 / 115X

AK-CC6612EP01



PWM fan	omni-cooling	low profile
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Low profile CPU cooler with copper base and embedded 75mm PWM fan up to 3600RPM for Intel® LGA1700

- CPU: Intel® Core™ i5, i3
- socket: LGA1700
- heatsink: aluminium with omni-directional fins and copper base
- mounting: screws and retention plate
- interface: pre-applied
- cooler dimension: 85.2 x 87.2 x 26.92mm
- heatsink dimension: 85.2 x 87.2 x 26.92mm
- fan dimension: Ø 75 x 10mm
- fan: enter bearing, DC12V
- speed: 600 - 3600 RPM (PWM)
- max. airflow: 31 CFM
- max. air pressure: 2.42mm-H2O
- max. sound: 34 dB(A)
- fan life expectancy: 35,000 hrs
- connector: 4-pin (PWM)



AK-CC6309EP01



PWM fan	omni-cooling	low profile
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16mm Ultra-Low Profile Cooler for HTPC and Low Profile Cases

- CPU: Intel® Core™ T-Series
- socket: LGA1200, LGA115X
- heatsink: aluminium with omni-directional fins
- mounting: screws and retention plate
- interface: sachet supplied
- cooler dimension: 85 x 85 x 16mm
- heatsink dimension: 85 x 85 x 16mm
- fan dimension: Ø 64.5 x 11mm
- fan: enter bearing, DC12V
- speed: 2200-4000 RPM (PWM)
- max. airflow: 24.61 CFM
- max. air pressure: 2.76mm-H2O
- sound: 32.8 dB(A)
- fan life expectancy: 40,000 hrs
- connector: 4-pin (PWM)



Intel®

AMD

Fan Filter & Fan Guard

DC Fan

DC Blower Fan

Thermal Interface

Intel® LGA 1200 / 115X

AK-CC6308EP01



PWM fan	omni-cooling	low profile
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Low profile cooler with sickle-shape fan blades. Perfect for Mini-ITX and HTPC cases. 95mm intelligent PWM fan delivers outstanding focused airflow.

- CPU: Intel® Core™ i7, i5, i3
- socket: LGA1200, LGA115X
- heatsink: aluminium with omni-directional fins
- mounting: screws and retention backplate
- interface: pre-applied
- cooler dimension: 96 x 96 x 31.8mm
- heatsink dimension: 95 x 95 x 15mm
- fan dimension: 96 x 96 x 16.8mm
- fan: enter bearing, DC12V
- speed: 800-2800 RPM (PWM)
- max. airflow: 36.28 CFM
- max. air pressure: 1.7mm-H2O
- max. sound: 37.6 dB(A)
- fan life expectancy: 40,000 hrs
- connector: 4-pin (PWM)



Intel® LGA 1200 / 115X / 775

AK-CC7129EP01
AK-CC7129BP01



PWM fan	omni-cooling	low profile
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21mm heatsink provides low noise ultra compact cooling solution for Intel LGA1200 & LGA115X processors in mini-ITX and SFF chassis.

- CPU: Intel® Core™ i5, i3
- socket: LGA1200, LGA115X, LGA775
- heatsink: aluminium, omni-directional
- mounting: screws and backplate
- interface: pre-applied
- cooler dimension: 85.2 x 87.2 x 21mm
- heatsink dimension: 87.2 x 85.2 x 21mm
- fan dimension: Ø 75 x 10mm
- fan: EBR or two ball bearing, DC12V
- speed: 600 – 3000 RPM
- airflow: 23.45 CFM or 26.53 CFM
- air pressure: 1.81 mm-H2O
- max. sound: 30.75 dB(A) or 30.1dB(A)
- fan life expectancy: 40,000 hrs or 80,000 hrs
- connector: 4-pin (PWM)



AK-CC7122EP01
AK-CC7122BP01



PWM fan	omni-cooling	low profile
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26mm heatsink provides low noise ultra compact cooling solution for Intel LGA1200 & LGA115X processors in mini-ITX and SFF chassis.

- CPU: Intel® Core™ i5, i3
- socket: LLGA1200, GA115X, LGA775
- heatsink: aluminium, omni-directional
- mounting: push-pin
- interface: pre-applied
- cooler dimension: 87.2 x 85.2 x 26mm
- heatsink dimension: 87.2 x 85.2 x 26mm
- fan dimension: Ø 75 x 10mm
- fan: EBR or two ball bearing, DC12V
- speed: 600 – 3000 RPM
- airflow: 23.45 CFM or 26.53 CFM
- air pressure: 1.81 mm-H2O
- max. sound: 30.75 dB(A) or 30.1dB(A)
- fan life expectancy: 40,000 hrs or 80,000 hrs
- connector: 4-pin (PWM)



Intel®

AMD

Fan Filter & Fan Guard

DC Fan

DC Blower Fan

Thermal Interface

Intel® LGA 1200 / 115X / 775

AK-CCE-7106HP



PWM fan	omni-cooling	copper core	low profile
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30mm heatsink with embedded S-Flow fan and copper core provides low noise ultra compact cooling solution for Intel LGA 775, LGA115X processors in mini-ITX and SFF chassis.

- CPU: Intel® Core™ i7, i5 & i3
- socket: LGA1200, LGA115X, LGA775
- heatsink: aluminium, omni-directional, copper core
- mounting: push-pin
- interface: pre-applied
- cooler dimension: 87.2 x 85.2 x 29.5mm
- heatsink dimension: 87.2 x 85.2 x 29.5mm
- fan dimension: Ø 74 x 15mm
- fan: HDB bearing, DC12V
- speed: 600 – 3000 RPM
- airflow: 33.50 CFM
- air pressure: 3.76 mm-H2O
- sound: 28.71 dB(A)
- fan life expectancy: 50,000 hrs
- connector: 4-pin (PWM)



AK-CC7124EP01



PWM fan	omni-cooling	low profile
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23.5mm heatsink provides low noise ultra compact cooling solution for Intel LGA 775, LGA115X processors in mini-ITX and SFF chassis.

- CPU: Intel® Core™ i5, i3
- socket: LGA1200, LGA115X, LGA775
- heatsink: aluminium, omni-directional
- mounting: push-pin
- interface: pre-applied
- cooler dimension: 85.2 x 87.2 x 23.5mm
- heatsink dimension: 85.2 x 87.2 x 23.5mm
- fan dimension: Ø 75 x 10mm
- fan: EBR, DC12V
- speed: 600 – 3000 RPM
- airflow: 23.45 CFM
- air pressure: 1.81 mm-H2O
- sound: 30.75 dB(A)
- fan life expectancy: 40,000 hrs
- connector: 4-pin (PWM)



Intel® LGA 1700 / 1200 / 115X / 1366 / 1356

AK-CC7402BT01



auto thermal	omni-cooling	all copper
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2U low profile height CPU cooler for Intel® LGA1700 socket. Featuring spring-loaded screws for added stability and 100% copper heatsink for increased thermal conductivity.

- CPU: Intel® Core™ i9, i7, i5 & i3
- socket: LGA 1700 / 1200 / 115X / 1356 /1366
- heatsink: pure copper
- mounting: metal screws and backplate
- interface: sachet supplied
- cooler dimension: 90 x 89 x 42.5mm
- heatsink dimension: 90 x 89 x 27.5mm
- fan dimension: 70 x 70 x 15 mm
- fan: two ball bearing, DC12V
- speed: 3000 - 6000 RPM
- max. airflow: 46.98 CFM
- air pressure: 8.94 mm-H2O
- max. sound: 46.5 dB(A)
- fan life expectancy: 50,000 hrs
- connector: 3-pin (auto-thermal)



Intel® LGA 1700 / 1200 / 115X / 775

AK-CC7401BP01



PWM fan	1U	all copper
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1U Low profile CPU cooler with side blower fan for Intel® LGA1700 socket. Featuring spring-loaded screws for added stability and a copper heatsink for increased thermal conductivity.

- CPU: Intel® Core™ i9, i7, i5 & i3
- socket: LGA 1700 / 1200 / 115X / 775
- heatsink: copper
- mounting: metal screws and backplate
- interface: sachet supplied
- cooler dimension: 88 x 87 x 30.5mm
- heatsink dimension: 88 x 87 x 14.3mm
- fan dimension: 77 x 75 x 15mm
- fan: two ball bearing, DC12V
- speed: 1200 – 5500 RPM
- max. airflow: 11.83 CFM
- air pressure: 20.66 mm-H2O
- sound: 18.0 - 45.99 dB(A)
- fan life expectancy: 80,000 hrs
- connector: 4-pin (PWM)



Intel® LGA 1200 / 115X / LGA1366 / LGA1356 Intel® LGA 1200 / 115X / 775

AK-CC7302BP02
AK-CC7302BT01



PWM fan	all copper	auto thermal	2U
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100% copper heatsink with PWM or auto thermal fan for 2U systems.

- CPU: Intel® Core i7, i5, i3 and Xeon®
- socket: LGA1356, LGA1366, LGA1200, LGA115X
- heatsink: copper
- mounting: screws and backplate
- interface: sachet supplied
- cooler dimension: 90 x 89 x 42.5mm
- heatsink dimension: 90 x 89 x 27.5mm
- fan dimension: 70 x 70 x 15mm
- fan: two ball bearing, DC12V
- speed: 1000 - 5000 RPM or 3000 - 6000 RPM
- max. airflow: 37.24 CFM or 46.98 CFM
- max. air pressure: 6.015 mm-H2O or 8.94mm-H2O
- sound: 7.5 - 42.4 dB(A) or 29.1 - 46.5 dB(A)
- fan life expectancy: 65,000 hrs or 50,000 hrs
- connector: 4-pin (PWM) or 3-pin



AK-CCE-7107BP
AK-CCE-7107BS



PWM fan	all copper	1U
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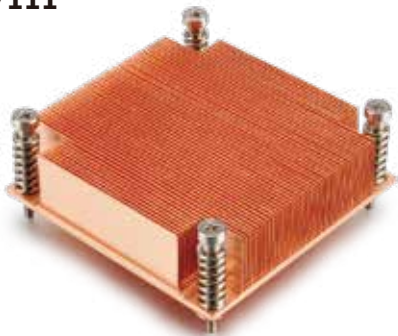
Skived-fin all copper heatsink with two ball bearing blower fan for 1U systems.

- CPU: Intel® Core™ i5, i3 and Xeon®
- socket: LGA1200, LGA115X, LGA775
- heatsink: copper
- mounting: screws and backplate
- interface: sachet supplied
- cooler dimension: 89.9 x 86.2 x 30.5mm
- heatsink dimension: 83 x 87 x 14mm
- fan dimension: 75 x 75 x 15mm
- fan: two ball bearing, DC12V
- speed: 1200 - 5500 RPM or 5000 RPM
- max. airflow: 11.83 CFM or 10.75 CFM
- max. air pressure: 20.66 mm-H2O or 17.07mm-H2O
- sound: 18 - 45.99 dB(A) or 44.1 dB(A)
- fan life expectancy: 80,000 hrs or 50,000 hrs
- connector: 4-pin (PWM) or 3-pin



Intel® LGA 1200 / 115X / 775 Intel® LGA 1200 / 115X

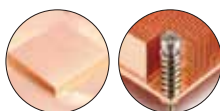
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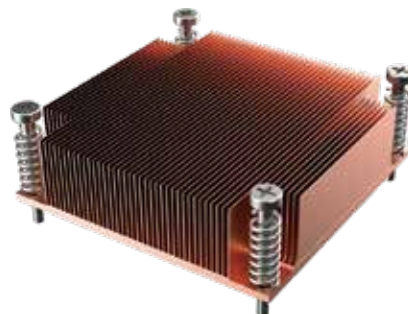
all copper	1U
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High performance low profile passive copper cooler for Intel® LGA1200 / 115X. Suitable for 1U server chassis and small form factor enclosures.

- CPU: Intel® Core™ i7, i5, i3 and Xeon®
- socket: LGA1200, LGA115X, LGA775
- heatsink: copper
- mounting: screws and backplate
- interface: sachet supplied
- heatsink dimension: 84 x 84 x 27mm



AK-CC6313



all copper	1U
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Pure copper skived finned high performance low profile passive copper cooler for Intel® LGA1200 / 115X. Suitable for 1U server chassis and small form factor enclosures.

- CPU: Intel® Core™ i7, i5, i3 and Xeon®
- socket: LGA1200, LGA115X
- heatsink: copper
- mounting: screws and backplate
- interface: sachet supplied
- heatsink dimension: 83 x 83 x 27mm



Intel® LGA 4189

AK-CC9401BP01



1U	vapor chamber	copper fin
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1U active cooler with copper fins and vapor chamber base for Intel LGA4189 socket

- material: Vapor Chamber + Cu fin
- socket: LGA4189
- mounting: screws
- cooler dimension: 113 x 80 x 28mm
- DC 12V
- speed: 3000-6600 RPM
- max. airflow: 21 CFM
- max. air pressure: 55.2mm-H2O
- sound: 62.0 dB(A) max.
- fan dimension: 80 x 80 x 15mm
- fan connector: 4-pin (PWM)
- bearing type: two ball bearing
- interface: pre-applied

AK-CC9402



1U	copper base
----	-------------

1U passive copper-base cooler for Intel LGA4189 socket

- material: Aluminium fin + copper base
- socket: LGA4189
- mounting: screws
- heatsink dimension: 113 x 79 x 25mm
- interface: pre-applied

Intel® LGA 4189

AK-CC9403



2U	5HP	copper base
----	-----	-------------

2U passive cooler with 5 heat-pipes for Intel LGA4189 socket

- material: Cu base + Aluminium fin +5 heatpipes
- socket: LGA4189
- mounting: screws
- heatsink dimension: 113 x 78 x 64.5mm
- interface: pre-applied

Intel®

AMD

Fan Filter & Fan Guard

DC Fan

DC Blower Fan

Thermal Interface



Intel® LGA 4189

AK-CC9404BP01



2U	5HP
----	-----

2U active cooler with 5 heat-pipes for Intel LGA4189 socket

- material: Aluminium fin +5 heatpipes
- socket: LGA4189
- mounting: screws
- cooler dimension: 113 x 80 x 66.3mm
- DC 12V two ball bearing PWM fan
- speed: 2600-8000 RPM
- max. airflow: 47.2 CFM
- max. air pressure: 22 mm-H2O
- sound: 52.5 dB(A) max.
- fan dimension: 60 x 60 x 25mm
- fan connector: 4-pin (PWM)
- bearing type: two ball bearing
- interface: pre-applied

AK-CC9405BP01



3U	6HP	copper base
----	-----	-------------

3U active cooler with 6-heatpipes for Intel LGA4189 socket

- material: Cu base + Aluminium fin +6 heatpipes
- socket: LGA4189
- mounting: screws
- cooler dimension: 116.7 x 92.5 x 125.5mm
- DC 12V two ball bearing PWM fan
- speed: 1900-3800 RPM
- max. airflow: 60.5 CFM
- max. air pressure: 5.62 mm-H2O
- sound: 43.56 dB(A) max.
- fan dimension: 92 x 92 x 25mm
- fan connector: 4-pin (PWM)
- bearing type: two ball bearing
- interface: pre-applied



Intel® LGA 3647 (Narrow ILM)

AK-CC9301



1U	pure copper	narrow ILM
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Pure copper passive cooler for 1U systems

- socket: LGA3647
- narrow ILM
- material: pure copper
- mounting: screws
- heatsink dimension: 108 x 78 x 25.5mm
- interface: pre-applied

AK-CC9302



1U	narrow ILM
----	------------

Aluminium passive cooler for 1U systems

- socket: LGA3647
- narrow ILM
- material: aluminium
- mounting: screws
- heatsink dimension: 108 x 78 x 25.5mm
- interface: pre-applied

Intel® LGA 3647 (Narrow ILM)

AK-CC9303



1U	copper base	narrow ILM
----	-------------	------------

Copper base passive cooler for 1U systems

- socket: LGA3647
- narrow ILM
- material: aluminum fin with copper
- mounting: screws
- heatsink dimension: 108 x 78 x 25.5mm
- interface: pre-applied

AK-CC9304



2U	narrow ILM
----	------------

Aluminium passive cooler for 2U system

- socket: LGA3647
- narrow ILM
- material: aluminium
- mounting: screws
- heatsink dimension: 108 x 78 x 64mm
- interface: pre-applied

Intel®

AMD

Fan Filter & Fan Guard

DC Fan

DC Blower Fan

Thermal Interface

Intel® LGA 3647 (Narrow ILM)

AK-CC9305



2U	copper base	narrow ILM
----	-------------	------------

4 Heat-pipes with fine-fins passive cooler for 2U system

- socket: LGA3647
- narrow ILM
- mounting: screws
- heatsink dimension: 108 x 78 x 64mm
- interface: pre-applied

AK-CC9306BP01



2U	4HP	narrow ILM
----	-----	------------

4 Heat-pipes with fine-fins active cooler for 2U system

- material: aluminium base and fine-fins with 4 copper heat-pipes
- socket: LGA3647
- narrow ILM
- mounting: screws
- cooler dimension: 111 x 80 x 65mm
- DC 12V two ball bearing PWM fan
- fan speed: 2000-7700RPM
- fan dimension: 60 x 60 x 25mm
- fan connector: 4-pin (PWM)
- interface: pre-applied

Intel® LGA 3647 (Narrow ILM)

AK-CC9307BP01



3U	5HP	copper base	narrow ILM
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5 Heat-pipes with fine-fins active cooler for 3U system

- material: copper base and aluminium fine-fins and 5 copper heat-pipes
- socket: LGA3647
- narrow ILM
- mounting: screws
- cooler dimension: 108 x 92 x 120mm
- DC 12V two ball bearing PWM fan
- fan speed: 1100-4000RPM
- fan dimension: 92 x 92 x 25mm
- fan connector: 4-pin (PWM)
- interface: pre-applied



Intel®

AMD

Fan Filter & Fan Guard

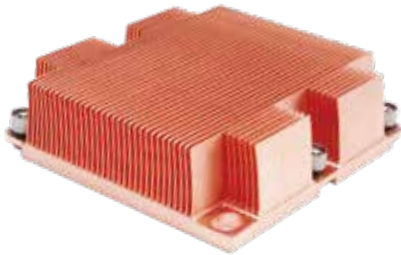
DC Fan

DC Blower Fan

Thermal Interface

Intel® LGA 3647 (Square ILM)

AK-CC9201



1U	pure copper	square ILM
----	-------------	------------

Pure copper passive cooler for 1U systems

- socket: LGA3647
- square ILM
- material: pure copper
- mounting: screws
- heatsink dimension: 91 x 88 x 25.5mm
- interface: pre-applied

AK-CC9202



1U	square ILM
----	------------

Aluminium passive cooler for 1U systems

- socket: LGA3647
- square ILM
- material: aluminium
- mounting: screws
- heatsink dimension: 91 x 88 x 25.5mm
- interface: pre-applied

Intel® LGA 3647 (Square ILM)

AK-CC9203



2U	square ILM
----	------------

Aluminium passive cooler for 2U systems

- socket: LGA3647
- square ILM
- material: aluminum
- mounting: screws
- heatsink dimension: 91 x 90 x 64mm
- interface: pre-applied

AK-CC9204



2U	4HP	copper base	square ILM
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4 Heat-pipes with fine-fins passive cooler for 2U system

- socket: LGA3647
- material: copper base with aluminum fine-fins and 4 copper heat-pipes
- square ILM
- mounting: screws
- heatsink dimension: 91 x 88 x 64.2mm
- interface: pre-applied

Intel® LGA 3647 (Square ILM)

Intel®

AMD

Fan Filter & Fan Guard

DC Fan

DC Blower Fan

Thermal Interface

AK-CC9205BP01



2U	4HP	copper base	square ILM
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4 Heat-pipes with fine-fins active cooler for 2U system

- material: copper base and aluminium fine-fins and 4 copper heat-pipes
- socket: LGA3647
- square ILM
- mounting: screws
- cooler dimension: 98.5 x 88 x 65mm
- DC 12V two ball bearing PWM fan
- fan speed: 2000-7700RPM
- fan dimension: 60 x 60 x 25mm
- fan connector: 4-pin (PWM)
- interface: pre-applied

AK-CC9206BP01



3U	5HP	copper base	square ILM
----	-----	-------------	------------

5 Heat-pipes with fine-fins active cooler for 3U system

- material: copper base and aluminium fine-fins and 5 copper heat-pipes
- socket: LGA3647
- square ILM
- mounting: screws
- cooler dimension: 91 x 88 x 120mm
- DC 12V two ball bearing PWM fan
- fan speed: 1100-4000RPM
- fan dimension: 92 x 92 x 25mm
- fan connector: 4-pin (PWM)
- interface: pre-applied



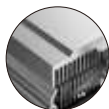
AMD AM5 / AM4 / AM3+ / AM3 / AM2+ / AM2 / FM2+ / FM2 / FM1

AK-CC1110EP01



Extra compact cooler with PWM fan

- CPU: AMD Ryzen™
- socket: AMD AM5 / AM4 / AM3+ / AM3 / AM2+ / AM2 / FM2+ / FM2 / FM1, 754, 939, 940
- heatsink: aluminium
- mounting: cam-lever clip
- interface: pre-applied thermal paste
- cooler dimension: 80 x 80 x 41.3mm
- heatsink dimension: 80 x 80 x 30.5mm
- fan dimension: 80 x 80 x 10.8mm
- fan: EBR Bearing, DC12V
- speed: 600 - 3000 RPM
- max airflow: 26.53 CFM
- max air pressure: 1.81 mm-H2O
- sound: 16 - 27.09 dB(A)
- fan life expectancy: 40,000 hours
- connector: 4-pin PWM



AMD AM5 / AM4 / AM3+ / AM3 / AM2+ / AM2 / FM2+ / FM2 / FM1

AK-968



PWM fan	heatpipe	copper base
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All new multi-platform CPU cooler developed from the hugely popular AK-965. Akasa (patented) Easy Select Clip is used for no-hassle mounting.

- CPU: AMD Ryzen™, FX, A-Series, Phenom II, Sempron™
- socket: AMD AM5, AM4, AM3+, AM3, AM2+, AM2, FM2+, FM2, FM1
- heatsink: copper base and heatpipes, aluminium fins
- mounting: cam-lever clip
- interface: sachet supplied
- cooler dimension: 135 x 109 x 90mm
- heatsink dimension: 134.5 x 105 x 58mm
- fan dimension: 92 x 25mm (on 80mm fitting)
- fan: Sleeve bearing, DC12V
- speed: 600 – 2500 RPM
- max airflow: 47.68 CFM
- max air pressure: 2.56 mm-H2O
- sound: 17.0 - 29.5 dB(A)
- fan life expectancy: 30,000 hrs
- connector: 4-pin (PWM)



AK-860EF



Value and performance aluminium cooler with easy and safe retention clip.

- CPU: AMD Ryzen™, FX, A-Series, Phenom II, Sempron™
- socket: AMD AM5, AM4, AM3+, AM3, AM2+, AM2, FM2+, FM2, FM1
- heatsink: aluminium
- mounting: cam-lever clip
- interface: pre-applied
- cooler dimension: 80 x 80 x 70mm
- heatsink dimension: 80 x 77 x 45mm
- fan dimension: 80 x 80 x 25mm
- fan: enter bearing, DC12V
- speed: 2500 RPM
- airflow: 30.19 CFM
- air pressure: 2.28 mm-H2O
- sound: 24.9 dB(A)
- fan life expectancy: 30,000 hrs
- connector: 3-pin

Intel®

AMD

Fan Filter & Fan Guard

DC Fan

DC Blower Fan

Thermal Interface

AMD AM5 / AM4 / AM3+ / AM3 / AM2+ / AM2 / FM2+ / FM2 / FM1

AK-860CP



Low noise cooler with all aluminium heatsink and smart PWM 92mm fan featuring ball bearing. Cooler ensures optimum balance between performance and value.

- CPU: AMD Ryzen™, FX, A-Series, Phenom II, Sempron™
- socket: AMD AM5, AM4, AM3+, AM3, AM2+, AM2, FM2+, FM2, FM1
- heatsink: aluminum
- mounting: cam-lever clip
- fan dimension: Ø92mm x 25mm
- fan speed: 600 - 2200 RPM (PWM controlled)
- max airflow: 41.96 CFM
- max air pressure: 3.13 mm-H2O
- sound: 17.2 – 26.4dB(A)
- fan life expectancy: 40,000 hrs
- connector: 4-pin (PWM) * 9cm fan provides greater

AK-CC1108HP01



Performance Sunflower AMD Cooler with 120mm Fan

- CPU: AMD Ryzen™, FX, A-Series, Phenom II, Sempron™
- socket: AMD AM5, AM4, AM3+, AM3, AM2+, AM2, FM2+, FM2, FM1
- heatsink: aluminium
- mounting: screw mounting
- interface: sachet
- cooler dimension: 120 x 120 x 63mm
- heatsink dimension: Ø95mm x 38mm
- fan dimension: Ø120 x 25mm
- fan: HD bearing, DC12V
- speed: 500-1800 RPM
- max airflow: 51.3 CFM
- max air pressure: 1.62 mm-H2O
- max sound: 32.5 dB(A)
- fan life expectancy: 30,000 hrs
- connector: 4-pin(PWM)



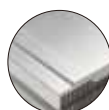
AMD AM5 / AM4 / AM3+ / AM3 / AM2+ / AM2 / FM2+ / FM2 / FM1

AK-CC1107EP01



Low noise, efficient cooling for AMD processors. Only 55.5mm height means it can be installed in even very compact cases.

- CPU: AMD Ryzen™, FX, A-Series, Phenom II, Sempron™
- socket: AMD AM5, AM4, AM3+, AM3, AM2+, AM2, FM2+, FM2, FM1
- heatsink: aluminium
- mounting: cam-lever clip
- interface: pre-applied
- cooler dimension: 80 x 80 x 55.5 mm
- heatsink dimension: 80 x 78 x 30.5mm
- fan dimension: 80 x 80 x 25 mm
- fan bearing: EBR bearing, DC12V
- speed: 600 – 3000 RPM (PWM)
- max airflow: 35.31 CFM
- max air pressure: 4.04 mm-H2O
- max sound: 31 dB(A)
- fan life expectancy: 40,000 hrs
- connector: 4-pin (PWM)



AK-CC1104EP01



Performance cooler with 4 heatpipes and copper base. 92mm PWM fan for quiet operation and high airflow.

- CPU: AMD Ryzen™, FX, A-Series, Phenom II, Sempron™
- socket: AMD AM5, AM4, AM3+, AM3, AM2+, AM2, FM2+, FM2, FM1
- heatsink: aluminium
- mounting: cam-lever clip
- interface: pre-applied
- cooler dimension: 98 x 97 x 76.32 mm
- heatsink dimension: 93 x 91 x 47mm
- fan dimension: Ø92 x 25 mm
- fan: enter bearing, DC12V
- speed: 600-2500 RPM
- max airflow: 47.68 CFM
- max air pressure: 2.56 mm-H2O
- sound: 17.2-29.5 dB(A)
- fan life expectancy: 40,000 hrs
- connector: 4-pin



AMD Socket A & Intel Socket 370

AK-786



Legacy AMD Cooler for all AMD Athlon XP, low noise 7cm fan, 6 location points clip for extra safe retention.

- CPU: AMD Socket A
- heatsink: aluminium
- mounting: clip
- interface: pre-applied
- cooler dimension: 80 x 70 x 59mm
- heatsink dimension: 80 x 68.5 x 43mm
- fan dimension: 70 x 70 x 15mm
- fan: ball, DC12V
- speed: 3200 RPM
- max. airflow: 20.92 CFM
- max. air pressure: 2.63 mm-H2O
- max. sound: 25.69dB(A)
- fan life expectancy: 40,000 hrs
- connector: 3-pin



AK-CC1105ES01



Cost effective replacement cooler designed for AMD Athlon XP/MP & Intel Pentium III/Celeron

- CPU: AMD Athlon XP/MP & Intel Pentium III/Celeron
- socket: AMD Socket A & Intel Socket 370
- heatsink material: aluminium
- mounting: two point clip
- interface: sachet applied
- cooler dimension: 56.8 x 52 x 48.7mm
- heatsink dimension: 56.8 x 52 x 31.7mm
- fan dimension: 50 x 50 x 15 mm
- fan: EBR, DC12V
- speed: 5300 RPM
- airflow: 13.15 CFM
- air pressure: 5.02 mm-H2O
- sound: 38.0 dB(A)
- fan life expectancy: 50,000 hrs
- connector: 3-pin

AMD AM5 / AM4 / AM3+ / AM3 / AM2+ / AM2 / FM2+ / FM2 / FM1

AK-CC1102EP01



- PWM fan
- copper core
- low profile

Compact aluminium cooler with copper base and PWM fan for mini-ITX system based on AMD platform.

- CPU: AMD Ryzen®, A-Series, Sempron™
- socket: AMD AM5, AM4, AM3+, AM3, AM2+, AM2, FM2+, FM2, FM1
- heatsink: aluminium with copper core
- mounting: clip
- interface: pre-applied
- cooler dimension: 80 x 80 x 30.8mm
- heatsink dimension: 80 x 77 x 18mm
- fan dimension: 80 x 80 x 10mm
- fan: enter bearing, DC12V
- speed: 600 – 3000 RPM
- max airflow: 26.53 CFM
- max air pressure: 1.81 mm-H2O
- max sound: 27.09 dB(A)
- fan life expectancy: 40,000 hrs
- connector: 4-pin PWM



AK-CC1101EP02



- PWM fan
- low profile

Compact aluminium cooler with PWM fan for mini-ITX system based on AMD platform.

- CPU: AMD Ryzen®, A-Series, Sempron™
- socket: AMD AM5, AM4, AM3+, AM3, AM2+, AM2, FM2+, FM2, FM1
- heatsink: aluminium
- mounting: cam-lever clip
- interface: pre-applied
- cooler dimension: 80 x 80 x 30.8mm
- heatsink dimension: 80 x 77 x 18mm
- fan dimension: 80 x 80 x 10mm
- fan: enter bearing, DC12V
- speed: 600 – 3000 RPM
- airflow: 26.53 CFM
- max air pressure: 1.81 mm-H2O
- max sound: 27.09 dB(A)
- fan life expectancy: 40,000 hrs
- connector: 4-pin PWM



Intel®

AMD

Fan Filter & Fan Guard

DC Fan

DC Blower Fan

Thermal Interface

AMD AM5 / AM4

AK-CC1109BP01



1U	all copper	PWM fan
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Low profile CPU cooler with side blower fan for AM5/AM4 socket

- CPU: AMD Ryzen®
- socket: AMD AM5, AM4
- heatsink: copper
- mounting: mounting screws
- interface: sachet supplied
- cooler dimension: 104 x 75.94 x 27.6mm
- heatsink dimension: 70.2 x 104 x 10.8mm
- fan dimension: 77 x 75 x 15mm
- fan: two ball bearing, DC12V
- speed: 1200 – 5500 RPM
- max airflow: 11.83 CFM
- max air pressure: 20.66 mm-H2O
- sound: 18.0 - 45.99 dB(A)
- fan life expectancy: 80,000 hrs
- connector: 4-pin PWM

AMD AM3+ / AM3 / AM2+ / AM2

AK-392BP01 AK-392



PWM fan	all copper	auto thermal	2U
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Low profile 2U active cooler with all copper heatsink and auto thermal fan for performance and controlled cooling. Spring loaded screws and backplate mounting.

- CPU: AMD Athlon 64, Athlon 64 X2, Phenom X3, Opteron
- socket: AMD AM3+, AM3, AM2+, AM2
- heatsink: copper
- mounting: screws and backplate
- interface: sachet supplied
- cooler dimension: 106 x 74 x 36.5mm
- heatsink dimension: 106 x 72 x 19mm
- fan dimension: 70 x 70 x 15mm
- fan: two ball bearing, DC12V
- speed: 1000 - 5000 RPM or 3000 – 6000 RPM
- max airflow: 37.24 CFM or 46.98CFM
- max air pressure: 6.015 mm-H2O or 8.94 mm-H2O
- sound: 7.5 - 42.4 dB(A) or 29.1 - 46.5 dB(A)
- fan life expectancy: 50,000 hrs
- connector: 4-pin (PWM) or 3-pin





Washable Fan Filter

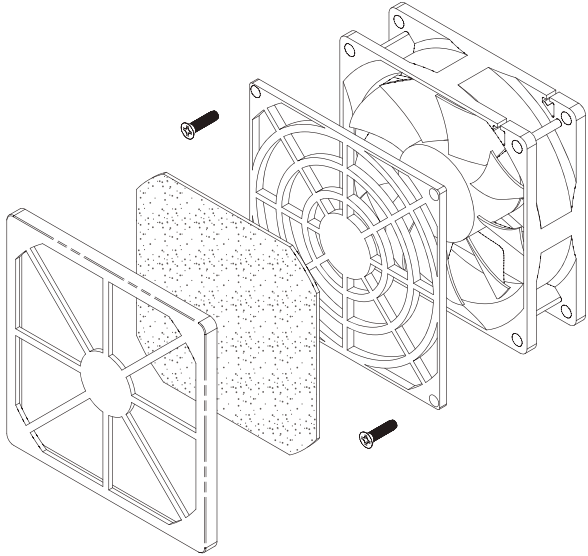
Keep out harmful dust

- Black fan filter
- Available in 6, 8, 9.2 & 12cm



Fan guard

- Black and chrome fan guard
- Available in 6, 8, 9.2 & 12cm

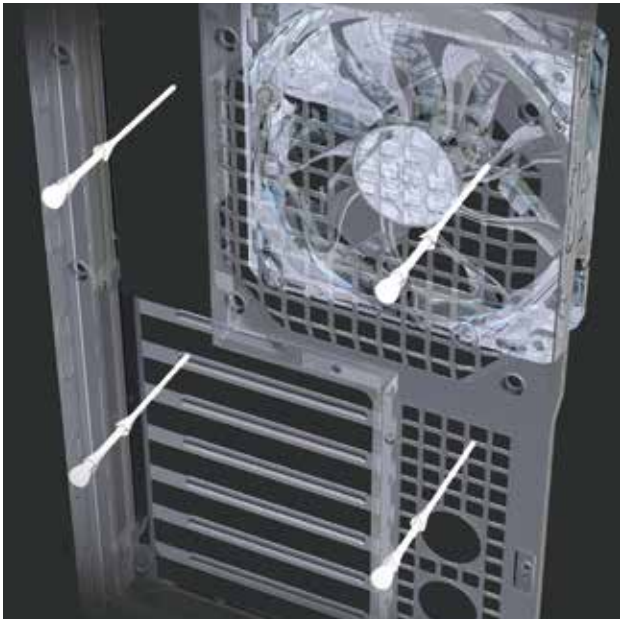


Aluminium Fan Filter

- Keeps the dust out of your PC
- Available in 8, 9.2, 12 & 14cm

Rubber Case Fan Mounts

- Eliminate vibration and resonance given off by fans by isolating them from the case
- Quick and tool free installation
- Anti-ageing material
- Available in 20 and 60 packs in white or black colours



Intel®

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Fan Filter & Fan Guard

DC Fan

DC Blower Fan

Thermal Interface

All fans are available with a choice of two bearings: two ball, ball or sleeve

bearing	life expectancy	order code
Two ball	80,000 hrs	B
sleeve / HD / EBR	40,000 hrs	S

* Life expectancy is tested at 25°C RH60% ±20%

How to order

Add the bearing type code (B or S) after the DF in the fan model number

Fan model number scheme explanation

DF **B** - **4010** **12** **H**

B Bearing Type :
B = Two ball S = sleeve / HD / EBR

4010 Fan Frame Size :
eg. 4010 = 40 × 40 × 10 mm

12 DC Voltage :
eg. 12 = DC 12V

H Fan Speed :
H = high M = medium L = low

2CM Series



25 x 25 x 10 mm

model no.		DF□-2510□H		DF□-2510□M		DF□-2510□L	
		5	12	5	12	5	12
voltage	V	5	12	5	12	5	12
current	AMPS	0.14	0.065	0.11	0.05	0.075	0.04
power consumption	W	0.7	0.78	0.55	0.6	0.38	0.48
rated speed	RPM	10,000		8,500		7,000	
airflow	CFM	2.8		2.4		2	
air pressure	mm-H2O	5.3		4.5		3.7	
sound	dB(A)	26		22.5		18	
weight	g	7.5		7.5		7.5	

4CM Series



40 x 40 x 10 mm

model no.		DF□-4010□H			DF□-4010□M			DF□-4010□L		
		5	12	24	5	12	24	5	12	24
voltage	V	5	12	24	5	12	24	5	12	24
current	AMPS	0.17	0.075	0.07	0.13	0.065	0.06	0.09	0.045	0.05
power consumption	W	0.85	0.90	1.68	0.65	0.78	1.44	0.45	0.54	1.2
rated speed	RPM	6,500			5,500			4,500		
airflow	CFM	6.6			5.6			4.5		
air pressure	mm-H2O	4.1			2.9			2.0		
sound	dB(A)	29			26.5			21.5		
weight	g	15			15			15		

40 x 40 x 20 mm



model no.		DF□-4020□H			DF□-4020□M			DF□-4020□L		
		5	12	24	5	12	24	5	12	24
voltage	V	5	12	24	5	12	24	5	12	24
current	AMPS	0.53	0.14	0.07	0.35	0.10	0.05	0.25	0.07	0.04
power consumption	W	2.65	1.68	1.68	1.75	1.20	1.20	1.25	0.84	0.96
rated speed	RPM	7,600			6,300			5,000		
airflow	CFM	9.0			7.2			5.7		
air pressure	mm-H2O	6.4			5.2			3.2		
sound	dB(A)	29.5			25.5			20.0		
weight	g	24			24			24		

5CM Series



50 x 50 x 10 mm

model no.		DF□-5010□H		DF□-5010□M		DF□-5010□L	
voltage	V	5	12	5	12	5	12
current	AMPS	0.24	0.18	0.14	0.10	0.085	0.06
power consumption	W	1.20	2.16	0.70	1.20	0.43	0.72
rated speed	RPM	5,500		4,500		3,500	
airflow	CFM	13.5		10.9		8.30	
air pressure	mm-H2O	3.2		2.0		1.0	
sound	dB(A)	31.7		27.3		21.8	
weight	g	18		18		18	



50 x 50 x 15 mm

model no.		DF□-501512H	DF□-501512M	DF□-501512L
voltage	V	12	12	12
current	AMPS	0.17	0.13	0.085
power consumption	W	2.04	1.56	1.02
rated speed	RPM	5,000	4,500	3,800
airflow	CFM	15.5	13.1	12.0
air pressure	mm-H2O	3.6	3.2	2.0
sound	dB(A)	31.5	30.0	24.5
weight	g	27	27	27

6CM Series



60 x 60 x 10 mm

model no.		DF□-601012H	DF□-601012M	DF□-601012L
voltage	V	12	12	12
current	AMPS	0.24	0.17	0.14
power consumption	W	2.88	2.04	1.68
rated speed	RPM	5,200	4,500	3,800
airflow	CFM	23.3	21.0	17.3
air pressure	mm-H2O	4.0	3.0	2.1
sound	dB(A)	41.0	38.0	33.0
weight	g	26	26	26



60 x 60 x 15 mm

model no.		DF□-6015□H		DF□-6015□M		DF□-6015□L	
voltage	V	5	12	5	12	5	12
current	AMPS	0.36	0.13	0.20	0.10	0.13	0.07
power consumption	W	1.80	1.56	1.0	1.20	0.65	0.84
rated speed	RPM	4,800		4,100		3,300	
airflow	CFM	20.9		18.0		14.1	
air pressure	mm-H2O	3.9		3.0		2.0	
sound	dB(A)	33.0		28.4		22.0	
weight	g	33.5		33.5		33.5	

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AMD

Fan Filter & Fan Guard

DC Fan

DC Blower Fan

Thermal Interface

6CM Series



60 x 60 x 20 mm

model no.		DF□-602012H	DF□-602012M	DF□-602012L
voltage	V	12	12	12
current	AMPS	0.16	0.11	0.08
power consumption	W	1.92	1.32	0.96
rated speed	RPM	4,200	3,600	3,000
airflow	CFM	22.9	20.0	17.0
air pressure	mm-H2O	4.4	3.4	2.4
sound	dB(A)	35.0	30.0	26.0
weight	g	44	44	44



60 x 60 x 25 mm

model no.		DF□-6025□H		DF□-6025□M		DF□-6025□L	
voltage	V	12	24	12	24	12	24
current	AMPS	0.12	0.075	0.08	0.055	0.05	0.035
power consumption	W	1.44	1.80	0.96	1.32	0.60	0.84
rated speed	RPM	5,100		4,100		3,000	
airflow	CFM	24.5		19.7		14.4	
air pressure	mm-H2O	9.3		7.5		5.0	
sound	dB(A)	36.0		31.0		25.0	
weight	g	56		56		56	



60 x 60 x 38 mm

model no.		DF□-6038□H			DF□-6038□M			DF□-6038□L		
voltage	V	12	24	48	12	24	48	12	24	48
current	AMPS	0.45	0.25	0.13	0.26	0.17	0.09	0.19	0.11	0.07
power consumption	W	5.40	6.00	6.24	3.12	4.08	4.32	2.28	2.64	3.36
rated speed	RPM	6,500			5,500			4,500		
airflow	CFM	38.5			32.6			26.7		
air pressure	mm-H2O	16.5			12.2			8.1		
sound	dB(A)	51			47			41		
weight	g	115.6			115.6			115.6		

7CM Series



70 x 70 x 10 mm

model no.		DF□-701012H	DF□-701012M	DF□-701012L
voltage	V	12	12	12
current	AMPS	0.24	0.17	0.13
power consumption	W	2.88	2.04	1.56
rated speed	RPM	4,800	4,300	3,700
airflow	CFM	31	27.8	23.9
air pressure	mm-H2O	4.8	4.3	3.7
sound	dB(A)	37.0	34.5	31.0
weight	g	35	35	35



70 x 70 x 15 mm

model no.		DF□-701512H	DF□-701512M	DF□-701512L
voltage	V	12	12	12
current	AMPS	0.28	0.19	0.155
power consumption	W	3.36	2.28	1.86
rated speed	RPM	4,800	4,300	3,800
airflow	CFM	35.3	31.6	27.9
air pressure	mm-H2O	5.4	4.4	3.4
sound	dB(A)	41.5	39.0	34.0
weight	g	54	54	54

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AMD

Fan Filter & Fan Guard

DC Fan

DC Blower Fan

Thermal Interface

7CM Series



70 x 70 x 25 mm

model no.		DF□-702512H	DF□-702512M	DF□-702512L
voltage	V	12	12	12
current	AMPS	0.30	0.17	0.09
power consumption	W	3.60	2.04	1.08
rated speed	RPM	5,000	4,000	3,000
airflow	CFM	40.5	33.1	25.0
air pressure	mm-H2O	7.2	5.0	3.0
sound	dB(A)	41	34.5	29
weight	g	82	82	82

8CM Series



80 x 80 x 10 mm

model no.		DF□-801012H	DF□-801012M
voltage	V	12	12
current	AMPS	0.19	0.14
power consumption	W	2.28	1.68
rated speed	RPM	3,000	2,500
airflow	CFM	26.53	19.68
air pressure	mm-H2O	1.81	1.31
sound	dB(A)	30.1	26.25
weight	g	43	43



80 x 80 x 15 mm

model no.		DF□-801512H	DF□-801512M	DF□-801512L
voltage	V	12	12	12
current	AMPS	0.19	0.10	0.07
power consumption	W	2.28	1.20	0.84
rated speed	RPM	3,200	2,600	2,100
airflow	CFM	35.8	29.1	23.5
air pressure	mm-H2O	2.7	1.9	1.4
sound	dB(A)	33.0	27.0	19.0
weight	g	50.0	50.0	50.0



80 x 80 x 20 mm

model no.		DF□-8020□H		DF□-8020□M		DF□-8020□L	
voltage	V	12	24	12	24	12	24
current	AMPS	0.15	0.10	0.11	0.066	0.10	0.05
power consumption	W	1.8	2.4	1.32	1.58	1.20	1.20
rated speed	RPM	3,100		2,600		2,100	
airflow	CFM	36.9		31.0		23.3	
air pressure	mm-H2O	3.2		2.2		1.4	
sound	dB(A)	33.5		27.0		22.9	
weight	g	85		85		85	



80 x 80 x 25 mm

model no.		DF□-802512H	DF□-802512M	DF□-802512L
voltage	V	12	12	12
current	AMPS	0.33	0.26	0.18
power consumption	W	3.96	3.12	2.16
rated speed	RPM	5,000	4,400	3,800
airflow	CFM	62.3	55.7	47.4
air pressure	mm-H2O	11.3	9.0	6.8
sound	dB(A)	46.7	43.5	39.5
weight	g	103.5	103.5	103.5

8CM Series



80 x 80 x 38 mm

model no.		DF□-8038□H			DF□-8038□M			DF□-8038□L		
voltage	V	12	24	48	12	24	48	12	24	48
current	AMPS	1.55	0.73	0.36	0.95	0.45	0.27	0.55	0.30	0.20
power consumption	W	18.60	17.52	17.28	11.40	10.80	12.96	6.60	7.20	9.60
rated speed	RPM	11,000			9,000			7,000		
airflow	CFM	87.1			70.9			55.2		
air pressure	mm-H2O	63.0			39.6			23.3		
sound	dB(A)	60.8			56.0			50.0		
weight	g	220			220			220		

9CM Series



92 x 92 x 25 mm

model no.		DF□-922512H	DF□-922512M	DF□-922512L
voltage	V	12	12	12
current	AMPS	0.23	0.16	0.10
power consumption	W	2.76	1.92	1.20
rated speed	RPM	2,800	2,400	1,900
airflow	CFM	63.7	50.8	40.2
air pressure	mm-H2O	3.0	2.4	1.7
sound	dB(A)	37.5	33.0	25.0
weight	g	100	100	100



92 x 92 x 38mm

model no.		DF□-9238□H			DF□-9238□M			DF□-9238□L		
voltage	V	12	24	48	12	24	48	12	24	48
current	AMPS	1.10	0.54	0.28	0.60	0.32	0.18	0.27	0.18	0.08
power consumption	W	13.20	12.96	13.44	7.20	7.68	8.64	3.24	4.32	3.84
rated speed	RPM	8,000			6,000			4,000		
airflow	CFM	113.6			84.6			56.6		
air pressure	mm-H2O	48.9			29.1			13.2		
sound	dB(A)	57.5			51.5			39.5		
weight	g	233			233			233		

12CM Series



120 x 120 x 15 mm

model no.		DF□-121512L
voltage	V	12
current	AMPS	0.16
power consumption	W	1.92
rated speed	RPM	700-2,000
airflow	CFM	41.59
air pressure	mm-H2O	1.41
sound	dB(A)	31.5
weight	g	127.5



120 x 120 x 25 mm

model no.		DF□-1225□H	DF□-1225□M	DF□-1225□L
voltage	V	12	12	12
current	AMPS	0.46	0.29	0.18
power consumption	W	5.52	3.48	2.16
rated speed	RPM	2,600	2,200	1,800
airflow	CFM	106.1	87.8	73.0
air pressure	mm-H2O	5.8	3.9	2.6
sound	dB(A)	44.0	40.5	34.0
weight	g	160	160	160

12CM Series



120 x 120 x 25mm

model no.		DF□-1225□H			DF□-1225□M			DF□-1225□L		
voltage	V	12	24	48	12	24	48	12	24	48
current	AMPS	0.55	0.32	0.18	0.22	0.13	0.085	0.13	0.085	0.06
power consumption	W	6.60	7.68	8.64	2.64	3.12	4.08	1.56	2.04	2.88
rated speed	RPM	4,400			2,800			2,000		
airflow	CFM	127.9			81.8			56.5		
air pressure	mm-H2O	14.1			6.0			3.1		
sound	dB(A)	51.4			39.1			29.3		
weight	g	205			205			205		



120 x 120 x 38mm

model no.		DF□-1238□H			DF□-1238□M			DF□-1238□L		
voltage	V	12	24	48	12	24	48	12	24	48
current	AMPS	3.5	1.7	0.80	2.2	0.95	0.55	1.2	0.68	0.37
power consumption	W	42.0	40.80	38.40	26.40	22.8	26.40	14.40	16.32	17.76
rated speed	RPM	6,000			5,000			4,000		
airflow	CFM	236.4			194.0			155.8		
air pressure	mm-H2O	48.1			30.8			19.3		
sound	dB(A)	64.9			60.4			54.0		
weight	g	425			425			425		

Industrial Series

- IP68 rated rotor technology
- Three-phase motor - 4 poles, 6 slots
- 4-5% heat dissipation efficiency
- Patented anti-vibration structure



- S-flow blade design for high air flow optimisation



- Sickle flow blade design for static pressure optimisation



120 x 120 x 25 mm

blade design		S-Flow	Sickle Flow
voltage	V	12	12
current	AMPS	0.16	0.21A
power consumption	W	1.92	2.52
rated speed	RPM	0-2,000	0-2,000
airflow	CFM	97.02	95.68
air pressure	mm-H2O	3.59	3.84
sound	dB(A)	7.1-31.7	7.1-30.2
fan life expectancy	hours	80,000	80,000

Intel®

AMD

Fan Filter & Fan Guard

DC Fan

DC Blower Fan

Thermal Interface

DC Blower Fans

Fan model number scheme explanation

B **12** **5015** **B** **H**

12 DC Voltage :
eg. 12 = DC 12V

5015 Fan Frame Size :

B Bearing Type
B = Two Ball S = HD / EBR

H Fan Speed
H = high M = medium L = low



5CM Series



50 x 50 x 15mm

model no.		B□5015□H		B□5015□M			B□5015□L			
voltage	V	12	24	5	12	24	5	12	24	
current	AMPS	0.22	0.12	0.35	0.15	0.085	0.17	0.10	0.06	
power consumption	W	2.64	2.88	1.75	1.80	2.04	0.85	1.20	1.44	
rated speed	RPM	6,500			5,500			4,500		
airflow	CFM	5.5			4.7			3.9		
air pressure	mm-H2O	20.9			16.2			12.0		
sound	dB(A)	45.5			42.0			37.5		
weight	g	28			28			28		

6CM Series



60 x 60 x 18 mm

model no.		B126018□H	B126018□M	B126018□L
voltage	V	12	12	12
current	AMPS	0.28	0.18	0.14
power consumption	W	3.36	2.16	1.68
rated speed	RPM	5,400	4,800	4,200
airflow	CFM	8.2	7.7	6.7
air pressure	mm-H2O	22.0	21.2	17.6
sound	dB(A)	49.0	43.5	38.0
weight	g	41	41	41

7CM Series



77 x 75 x 15 mm

model no.		B127515□H
voltage	V	12
current	AMPS	0.8
power consumption	W	9.6
rated speed	RPM	1,200-5,500
airflow	CFM	11.83
air pressure	mm-H2O	20.66
sound	dB(A)	45.99
weight	g	55.6

Hi-performance thermal interface materials (TIM) and compounds



AK-450

- Silver based thermal compound
- 5g syringe
- order code: AK-450



AK-455

- For high performance CPU
- 5g syringe
- order code: AK-455



AK-460

- Outstanding thermal performance
- Electrically non-conductive
- 3.5g syringe
- order code: AK-460



AK-TC5022

- Ultimate thermal performance
- Non-pressure dependent
- 3.5g syringe
- order code: AK-TC5022



AK-TC5026

- Excellent thermal performance
- Electrically non-conductive
- 3.0g syringe
- order code: AK-TC5026



T5 Essential

- For high performance CPU
- Conveniently included wipes and spreader
- order code: AK-T505-5G



T5 Pro-Grade Plus

- For ultra-performance CPU or GPU
- Conveniently included wipes and spreader
- order code: AK-T565-5G



Thermal Tape

- Bonds heatsink to chipset
- Double-sided 80 x 80mm
- High thermal conductivity
- Micro-fibreglass reinforced
- order code: AK-TT13-80

Thermal Interface

Hi-performance thermal interface materials (TIM) and compounds

Intel®



Thermal Gap Filler

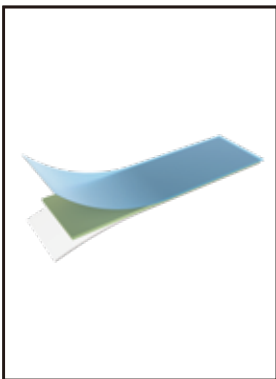
- Suitable for uneven surfaces
- Cut to size and stackable
- 30 x 30 x 1.5mm
- 2 pieces per pack
- order code: AK-TT300-01



Thermal Gap Filler

- Suitable for uneven surfaces
- Cut to size and stackable
- 30 x 30 x 5mm
- 2 pieces per pack
- order code: AK-TT300-02

AMD



M.2 SSD Thermal Pad

- Reliable and durable
- Convenient ease of use
- Perfect Fit for M.2 2280 SSD
- Wide usage
- 70 x 20 x 1mm
- order code: AK-TT140-01



TIM Wipes

- CPU and heatsink cleaner
- Removes thermal pads and silver based thermal grease
- Citrus based
- order code: AK-TCW-02

Fan Filter & Fan Guard

DC Fan



DC Blower Fan

TIM Wipe Kit

Thermal compound with a spreader and CPU/chipset cleaner

- AK-455 compound suitable for high wattage CPU's
- TIM Wipes averts no residue
- Spatula makes applying thermal compound easy
- Designed for all types of CPU's, GPU's and chipsets
- order code: AK-TCW-03

Thermal Interface

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