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CoolJag®

— 2011 catalog —

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Cooljag

Cooljag is a renowned manufacturer of cooling devices specialized in the "skiving" technology. Since establishment in the year 2001, Cooljag has ventured and advanced in the field of skiving and has become a leader in mastering this technology. However, Cooljag is not self-contented for its achievements in the technology alone, and has evolved to become a thermal total solution provider. Being customer oriented and focused on thermal solutions, Cooljag targets specific thermal problems of our customers and finds the best overall solution for heat transfer, airflow, noise and cost, with all kinds of technologies. From our very own skiving technology to extrusion and even stacked fins with heat Pipes, we can find and customize the best solution suited to our customers needs.

Company Profile

- 1986 Company founded
- 1995 Development of own brand-Jagwire
- 1996 Received ISO 9002 certificate
5th National award for small to medium enterprises
- 1997 Honored with Excellence award
- 1998 Honored with Rising Star award
- 2001 development of the other own brand-Cooljag(as thermal total solution provider)
Received ISO 9001 certificate
- 2002 Monthly capacity of heatsink : 1,000,000pcs
- 2006 All products are RoHS compliant
- 2007 Received TS16949 certificate
- 2008 Received OASAS-18001 & ISO-14001 certificate
- 2009 TPM activities
- 2010 Received ISO13485 certificate

Cooljag in Skiving

Cooljag has advanced in the skiving technology as not only we have achieved the thinnest of fins and thinnest of pitches, but also achieved in the highest of fin heights, widest of fin width, and the largest effective single block heat sink in the world. Thus not only Cooljag can create the smallest heat sinks for water cooling, we also can create the biggest heat sinks for thermal solutions other than the use of computers, for example, high power electricity, heavy machinery, LED, automobile and many other different industries. This breakthrough will not only broaden the vision of Cooljag as a thermal solution provider, but will also extend the usage of skiving technology, and bring its benefits to all the industries with heat problems.

Heat Sink For:

UNIVERSAL

LGA 2011

LGA 1156/1155

LGA 1366/1155

LGA 775

LGA 771

P-M

PGA989/BGA989

Socket 754/939/940/

1207eATX/C32

1207(long size)

AMD G34/AM2/AM3

Retails

Accessory

Water Cooling

Heatsink

Industrial

ETX



04

06

08

12

16

18

22

24

26

28

30

33

34

36

38

Environment and Community

Recognizing our vital role as responsible global citizens, we strive to produce products that meet the exacting requirements of government agencies for performance, safety and environmental impact. Our primary thermal system products are RoHs certified.



JYC8L05AGC-A

Material	AL+CU CORE
Socket Type	LGA 775/1366/1356/1155/1156
Weight (g)	338
Cooler Dimension (L*W*H mm)	123.64L*123.64W*42.1H



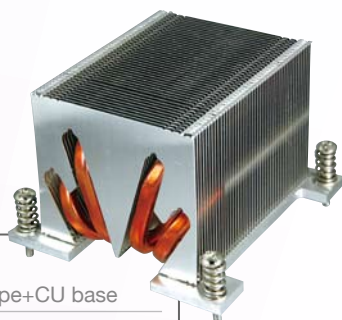
JYC8L05AGC-0

Material	AL+CU CORE
Socket Type	LGA 1366/1356/1155/1156
Weight (g)	338
Cooler Dimension (L*W*H mm)	123.64L*123.64W*42.1H



JYC0B44ASPG

Material	AL fins+Pipe+CU base
Socket Type	LGA 1366/1356/1155/1156
Weight (g)	311
Cooler Dimension (L*W*H mm)	90L*90W*62.5H



Model Name JYC8L05AGC-A

Application System	1.5U Active
Material	AL+CU CORE
CPU Type	Socket H1/Xeon 3400 series/Xeon 3426 series/ Nehalem-EP/Westmere-EP/Bloomfield/Pentium 4/ Pentium D
Weight (g)	338
Cooler Dimension (L*W*H mm)	123.64L*123.64W*42.1H
Fan Dimension	80*80*15
Installation kit	Screw+Spring
Back Plate	Optional
Fin Process	Extrusion



JYC9L06AGC-A

Material	AL+CU CORE
Socket Type	LGA 775/1366/1356
Weight (g)	536
Cooler Dimension (L*W*H mm)	123.64L*123.64W*61.4H



JYC9L06AGC-0

Material	AL+CU CORE
Socket Type	LGA 1366/1356/1155/1156
Weight (g)	536
Cooler Dimension (L*W*H mm)	123.64L*123.64W*61.4H



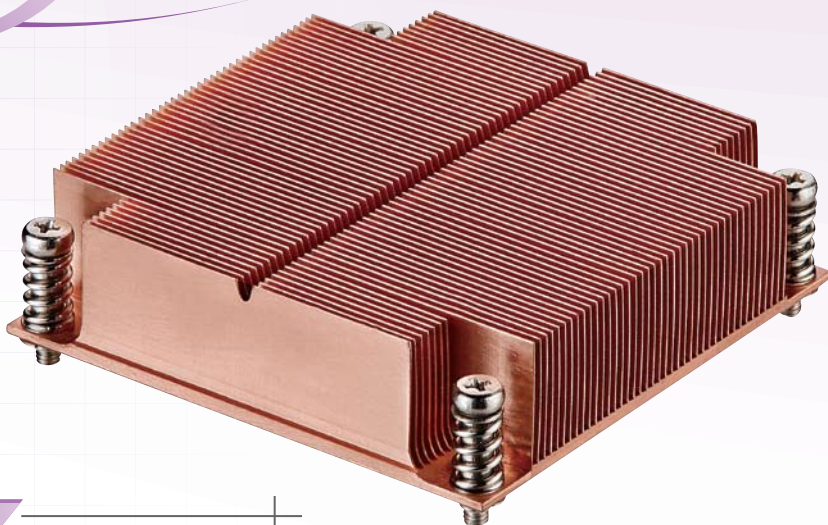
JYC1B45ATPG

Material	AL fins+Pipe+CU base
Socket Type	LGA 1366/1356/1155/1156
Weight (g)	375
Cooler Dimension (L*W*H mm)	90L*90W*64.3H

JYC8L05AGC-0	JYC9L06AGC-A	JYC9L06AGC-0	JYC0B44ASPG	JYC1B45ATPG
1.5U Active	2U Active	2U Active	2U Passive	2U Active
AL+CU CORE	AL+CU CORE	AL+CU CORE	AL fins+Pipe+CU base	AL fins+Pipe+CU base
Socket H1/Xeon 3400 series/Xeon 3426 series/ Nehalem-EP/Westmere-EP/Bloomfield	Socket H1/Xeon 3400 series/Xeon 3426 series/ Nehalem-EP/Westmere-EP/Bloomfield/Pentium 4/ Pentium D	Socket H1/Xeon 3400 series/Xeon 3426 series/ Nehalem-EP/Westmere-EP/Bloomfield	Socket H1/Xeon 3400 series/Xeon 3426 series/ Nehalem-EP/Westmere-EP/Bloomfield	Socket H1/Xeon 3400 series/Xeon 3426 series/ Nehalem-EP/Westmere-EP/Bloomfield
338	536	536	311	375
123.64L*123.64W*42.1H	123.64L*123.64W*61.4H	123.64L*123.64W*61.4H	90Lx90Wx62.5H	90Lx90Wx64.3H
80*80*15	90*90*25	90*90*25	-	60*60*25
Push Pin	Screw+Spring	Push Pin	screw+spring	screw+spring
-	Optional	-	Optional	Optional
Extrusion	Extrusion	Extrusion	Stacked	Stacked

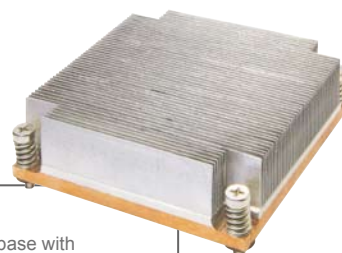
INTEL

LGA 2011 Square & Narrow
Socket R Square & Socket R Narrow



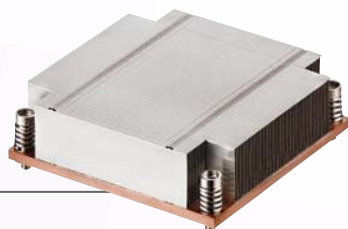
JAC0R06C

Material	Copper
Socket Type	LGA 2011 Square
Weight (g)	486
Cooler Dimension (L*W*H mm)	90L*90W*26H



JAC0R11ATC

Material	Copper base with Aluminum fin
Socket Type	LGA 2011 Square
Weight (g)	479
Cooler Dimension (L*W*H mm)	90L*90W*25.5H



JYC0R03ATC

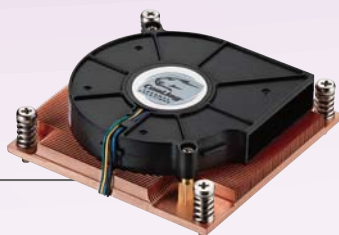
Material	Copper base with Aluminum fin
Socket Type	LGA 2011 Square
Weight (g)	425
Cooler Dimension (L*W*H mm)	90L*90W*27H

Model Name	JAC0R06C
Application System	1U Passive
Material	Copper
CPU Type	For Intel® Xeon® E5-2600 (Code name: Sandy Bridge -EP) LGA 2011-S
Weight (g)	486
Cooler Dimension (L*W*H mm)	90L*90W*26H
Fan Dimension	-
installation kit	Screw + Spring
Back Plate	Optional
Fin Process	Skived

INTEL LGA2

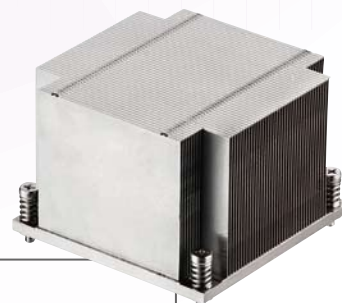
INTEL

LGA 2011 Square & Narrow
Socket R Square & Socket R Narrow



JACLR02C

Material	Copper
Socket Type	LGA 2011 Square
Weight (g)	472
Cooler Dimension (L*W*H mm)	90L*90W*27H



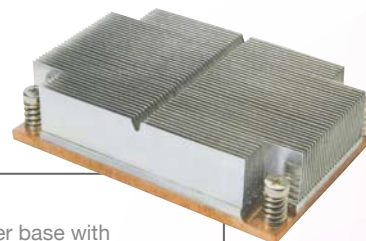
JYC0R05ATP

Material	Aluminum fin with heatpipe
Socket Type	LGA 2011 Square
Weight (g)	430
Cooler Dimension (L*W*H mm)	90L*90W*64.3H



JYC1R04ATPG-0

Material	Aluminum fin with heatpipe
Socket Type	LGA 2011 Square
Weight (g)	390
Cooler Dimension (L*W*H mm)	90L*90W*64.3H



JAC0R10ATC

Material	Copper base with Aluminum fin
Socket Type	LGA 2011 Square
Weight (g)	457
Cooler Dimension (L*W*H mm)	104L*70W*25.5H

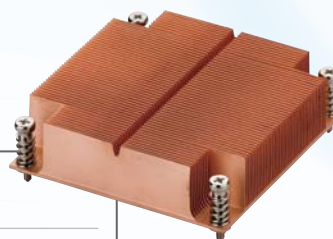
JAC0R11ATC	JYC0R03ATC	JACLR02C	JAC0R10ATC	JYC0R05ATP	JYC1R04ATPG-0
1U Passive	1U Passive	1U Active	1U Passive	2U Passive	2U Active
Copper base with Aluminum fin	Copper base with Aluminum fin	Copper	Copper base with Aluminum fin	Aluminum fin with heatpipe	Aluminum fin with heatpipe
For Intel® Xeon® E5-2600 (Code name: Sandy Bridge -EP) LGA 2011-S	For Intel® Xeon® E5-2600 (Code name: Sandy Bridge -EP) LGA 2011-S	For Intel® Xeon® E5-2600 (Code name: Sandy Bridge -EP) LGA 2011-S	For Intel® Xeon® E5-2600 (Code name: Sandy Bridge -EP) LGA 2011-R	For Intel® Xeon® E5-2600 (Code name: Sandy Bridge -EP) LGA 2011-S	For Intel® Xeon® E5-2600 (Code name: Sandy Bridge -EP) LGA 2011-S
479	425	472	457	430	390
90L*90W*25.5H	90L*90W*27H	90L*90W*27H	104L*70W*25.5H	90L*90.2W*64.3H	90L*90W*64.3H
-	-	75*75*15	-	-	60*60*25
Screw + Spring	Screw + Spring	Screw + Spring	Screw + Spring	Screw + Spring	Screw + Spring
Optional	Optional	Optional	Optional	Optional	Optional
Skived	stacked	Skived	Skived	stacked	stacked

INTEL

LAG 1156/1155
Socket H / Socket H2

JAC0L06C

Material	CU
Socket Type	LGA 1156/1155
Weight (g)	521
Cooler Dimension (L*W*H mm)	85L*85W*26H



JAC0L04A

Material	AL
Socket Type	LGA 1156/1155
Weight (g)	220
Cooler Dimension (L*W*H mm)	85L*85W*26H



JACLL03C

Material	CU
Socket Type	LGA 1156/1155
Weight (g)	382
Cooler Dimension (L*W*H mm)	84L*84W*28H



INTEL LGA 1156



INTEL
LGA 1156/1155
Socket H/Socket H2

JAC9L13A

Material	AL
Socket Type	LGA 1156/1155
Weight (g)	417
Cooler Dimension (L*W*H mm)	90L*90W*68H



JAC0L11A

Material	AL
Socket Type	LGA 1156/1155
Weight (g)	380
Cooler Dimension (L*W*H mm)	90L*82.2W*64.9H



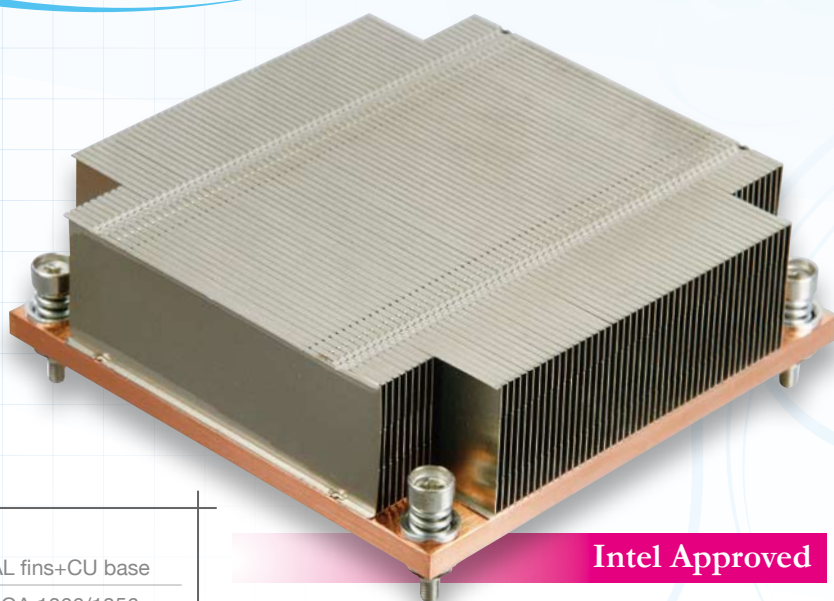
JAC7L07C

Material	CU
Socket Type	LGA 1156/1155
Weight (g)	424
Cooler Dimension (L*W*H mm)	84L*84W*26.4H

Model Name	JAC0L06C	JAC0L04A	JACLL03C	JAC9L13A	JAC0L11A	JAC7L07C
Application System	1U Passive	1U Passive	1U Active	2U Active	2U Passive	1U Active
Material	CU	AL	CU	AL	AL	CU
CPU Type	Socket H1/Xeon 3400 series/ Xeon 3426 series	Socket H1/Xeon 3400 series/ Xeon 3426 series	Socket H1/Xeon 3400 series/ Xeon 3426 series	Socket H1/Xeon 3400 series/ Xeon 3426 series	Socket H1/Xeon 3400 series/ Xeon 3426 series	Socket H1/Xeon 3400 series/ Xeon 3426 series
Weight (g)	521	220	382	417	380	424
Cooler Dimension (L*W*H mm)	85L*85W*26H	85L*85W*26H	84L*84W*28H	90L*90W*68H	90L*82.2W*64.9H	84L*84W*26.4H
Fan Dimension	-	-	Blower 75*75*15	60*60*20	-	70*70*10
Installation kit	Screw + Spring	Screw + Spring	Screw + Spring	Screw + Spring	Screw + Spring	Screw + Spring
Back Plate	Optional	Optional	Optional	Optional	Optional	Optional
Fin Process	Skived	Skived	Skived	Skived	Skived	Skived

INTEL

LGA 1366/1356
Socket B/Socket B2



JYC0B39CTA

Material	AL fins+CU base
Socket Type	LGA 1366/1356
Weight (g)	423
Cooler Dimension (L*W*H mm)	89.8L*89.8W*27H

Intel Approved



JAC7B15A

Material	AL
Socket Type	LGA 1366/1356
Weight (g)	239.5
Cooler Dimension (L*W*H mm)	89L*89W*26H



JAC7B15C

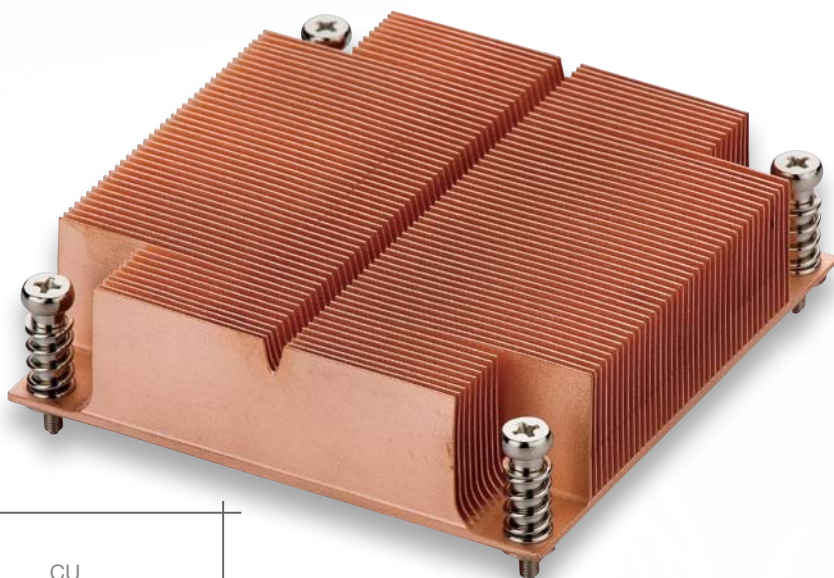
Material	CU
Socket Type	LGA 1366/1356
Weight (g)	485
Cooler Dimension (L*W*H mm)	89L*89W*26H

INTEL LGA 1366



JAC0B12A

Material	AL
Socket Type	LGA 1366/1356
Weight (g)	220
Cooler Dimension (L*W*H mm)	90L*90W*27H



JAC0B04C

Material	CU
Socket Type	LGA 1366/1356
Weight (g)	486
Cooler Dimension (L*W*H mm)	90L*90W*26H

Model Name	JYC0B39CTA	JAC7B15A	JAC7B15C	JAC0B12A	JAC0B04C
Application System	1U Passive	1U Active	1U Active	1U Passive	1U Passive
Material	AL fins+CU base	AL	CU	AL	CU
CPU Type	Nehalem-EP/Westmere-EP /Bloomfield	Nehalem-EP/Westmere-EP /Bloomfield	Nehalem-EP/Westmere-EP /Bloomfield	Nehalem-EP/Westmere-EP /Bloomfield	Nehalem-EP/Westmere-EP /Bloomfield
Weight (g)	423	239.5	485	220	486
Cooler Dimension (L*W*H mm)	89.8L*89.8W*27H	90L*90W*26H	89L*89W*26H	90L*90W*27H	90L*90W*26H
Fan Dimension	-	70*70*10	70*70*10	-	-
Installation kit	Screw + Spring	Screw + Spring	Screw + Spring	Screw + Spring	Screw + Spring
Back Plate	Optional	Optional	Optional	Optional	Optional
Fin Process	Skived	Skived	Skived	Skived	Skived

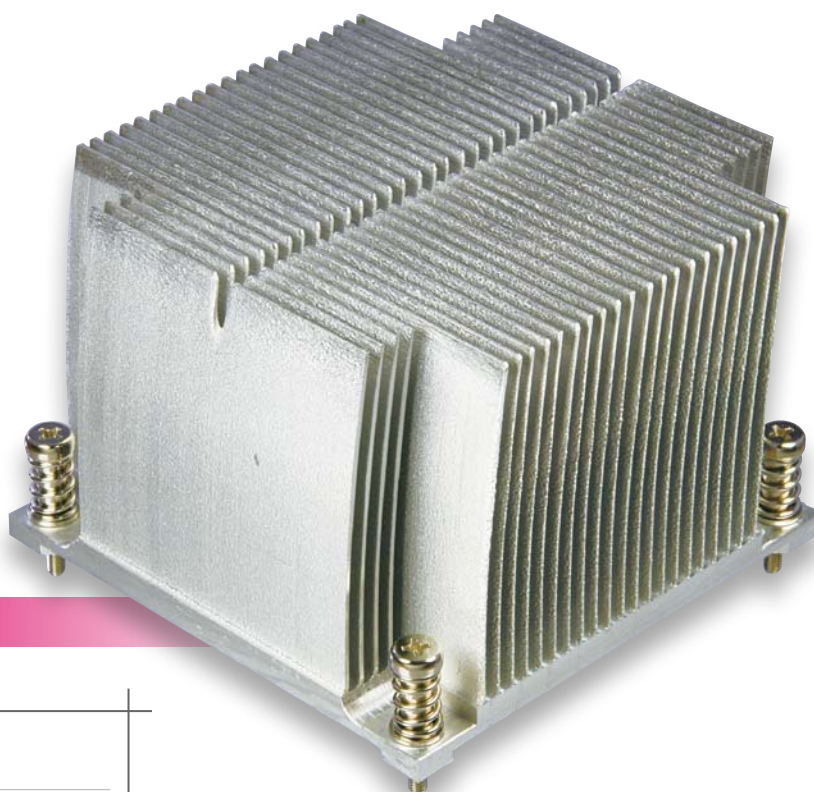
INTEL

LGA 1366/1356
Socket B/Socket B2



JACLB13C

Material	CU
Socket Type	LGA 1366/1356
Weight (g)	472
Cooler Dimension (L*W*H mm)	90L*90W*27H



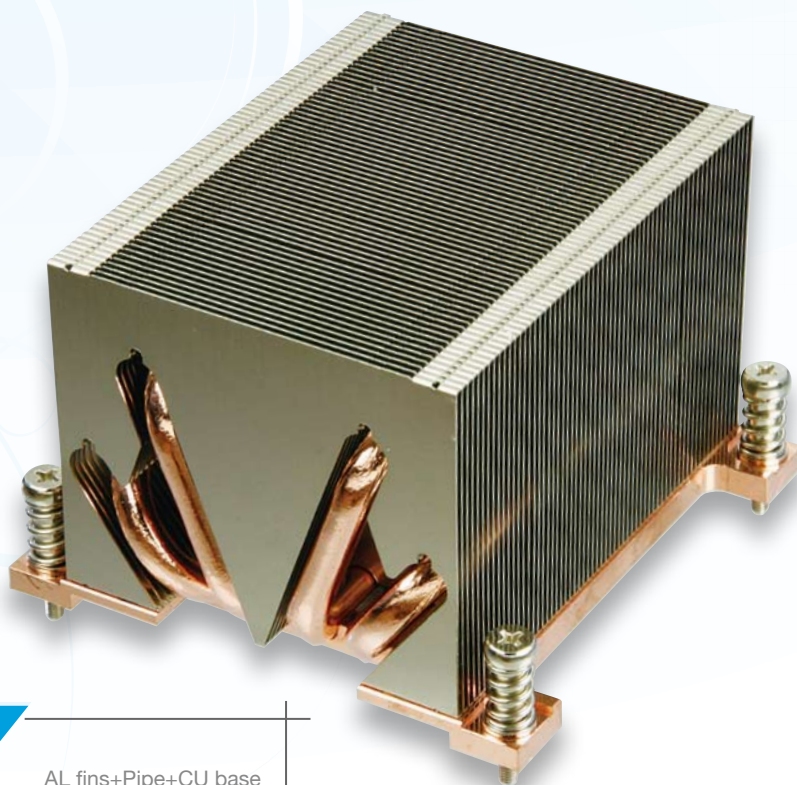
Intel Approved

JAC0B40A-A

Material	AL
Socket Type	LGA 1366/1356
Weight (g)	480
Cooler Dimension (L*W*H mm)	90L*90W*64H

INTEL LGA 1366

INTEL
LGA 1366/1356
Socket B/Socket B2



JYC0B25CTP

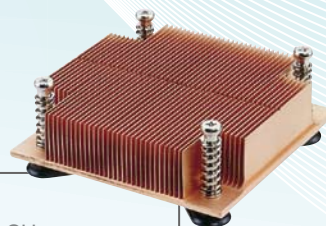
Material	AL fins+Pipe+CU base
Socket Type	LGA 1366/1356
Weight (g)	530
Cooler Dimension (L*W*H mm)	90L*88.9W*61H



JAC9B06A

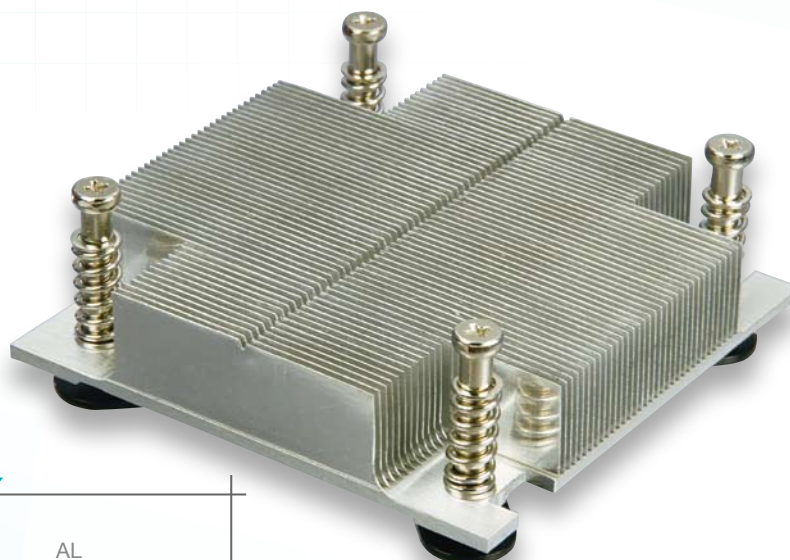
Material	AL
Socket Type	LGA 1366/1356
Weight (g)	440
Cooler Dimension (L*W*H mm)	90L*90W*64H

Model Name	JACLB13C	JAC0B40A-A	JYC0B25CTP	JAC9B06A
Application System	1U Active	2U Passive	2U Passive	2U Active
Material	CU	AL	AL fins+Pipe+CU base	AL
CPU Type	Nehalem-EP/Westmere-EP /Bloomfield	Nehalem-EP/Westmere-EP /Bloomfield	Nehalem-EP/Westmere-EP /Bloomfield	Nehalem-EP/Westmere-EP /Bloomfield
Weight (g)	472	480	530	440
Cooler Dimension (L*W*H mm)	90L*90W*27H	90L*90W*64H	90L*88.9W*61H	90L*90W*64H
Fan Dimension	Blower 75*75*15	-	-	60*60*20
Installation kit	Screw + Spring	Screw + Spring	Screw + Spring	Screw + Spring
Back Plate	Optional	Optional	Optional	Optional
Fin Process	Skived	Skived	Stacked fin with heatPipe	Skived



JAC04DC

Material	CU
Socket Type	LGA 775
Weight (g)	757
Cooler Dimension (L*W*H mm)	92L*92W*27H



JAC0523A

Material	AL
Socket Type	LGA 775
Weight (g)	190
Cooler Dimension (L*W*H mm)	92L*92W*24.5H



JAC7527C

Material	CU
Socket Type	LGA 775
Weight (g)	367
Cooler Dimension (L*W*H mm)	79L*79W*26.4H

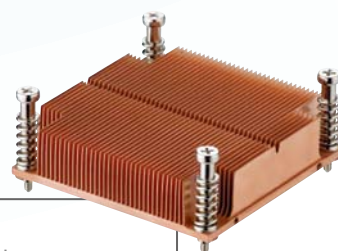
JACL511C

Material	CU
Socket Type	LGA 775
Weight (g)	382
Cooler Dimension (L*W*H mm)	80L*80W*28H



JAC0505C

Material	CU
Socket Type	LGA 775
Weight (g)	720
Cooler Dimension (L*W*H mm)	88L*89W*27H



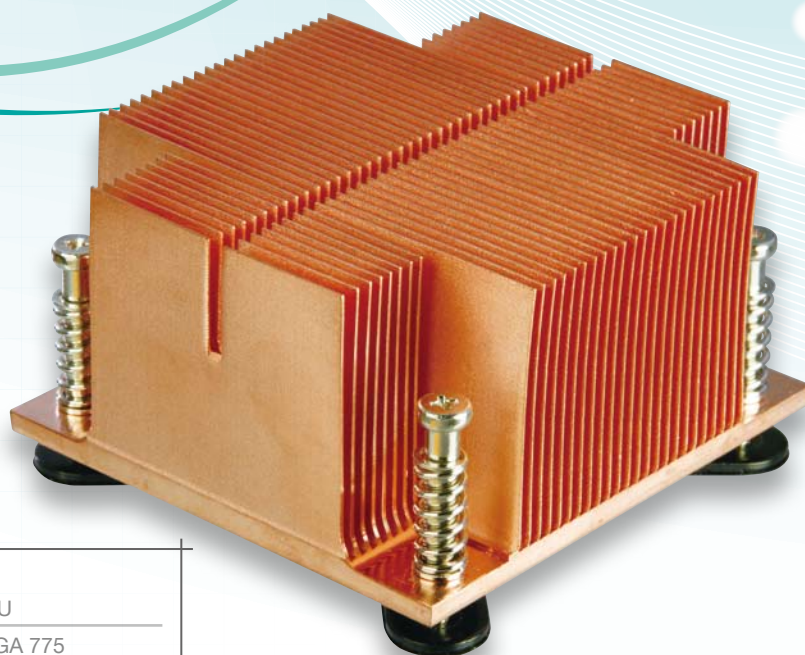
JAC6513C

Material	CU
Socket Type	LGA 775
Weight (g)	725
Cooler Dimension (L*W*H mm)	98L*98W*45H



Heatsink Dimension: 89L*88W*27H

Model Name	JAC04DC	JAC0523A	JAC7527C	JACL511C	JAC0505C	JAC6513C
Application System	1U Passiven	1U Passive	1U Active	1U Active	1U Passive	1.5U Active
Material	CU	AL	CU	CU	CU	CU
CPU Type	Pentium 4/ Pentium D	Pentium 4/ Pentium D	Pentium 4/ Pentium D	Pentium 4/ Pentium D	Pentium 4/ Pentium D	Pentium 4/ Pentium D
Weight (g)	757	190	367	382	720	725
Cooler Dimension (L*W*H mm)	92L*92W*27H	92L*92W*24.5H	79L*79W*26.4H	809L*80W*28H	88L*88W*27H	98L*98W*45H
Fan Dimension	-	-	70*70*10	Blower 75*75*15	-	70*70*15
Installation kit	Screw + Spring	Screw + Spring	Screw + Spring	Screw + Spring	Screw + Spring	Screw + Spring
Back Plate	Optional	Optional	Optional	Optional	Optional	Optional
Fin Process	Skived	Skived	Skived	Skived	Skived	Skived



JAC0522C

Material	CU
Socket Type	LGA 775
Weight (g)	1047
Cooler Dimension (L*W*H mm)	90L*85W*50H



JAC16EC

Material	CU
Socket Type	LGA 775
Weight (g)	940
Cooler Dimension (L*W*H mm)	89L*83W*68H



JAC16EA

Material	AL
Socket Type	LGA 775
Weight (g)	394
Cooler Dimension (L*W*H mm)	89L*83W*68H



JAC84MC

Material	CU
Socket Type	LGA 775
Weight (g)	745
Cooler Dimension (L*W*H mm)	118L*118W*71.7H



JYCC501A

Material	AL+CU CORE
Socket Type	LGA 775
Weight (g)	332
Cooler Dimension (L*W*H mm)	115L*115W*39.5H



JZCM18A

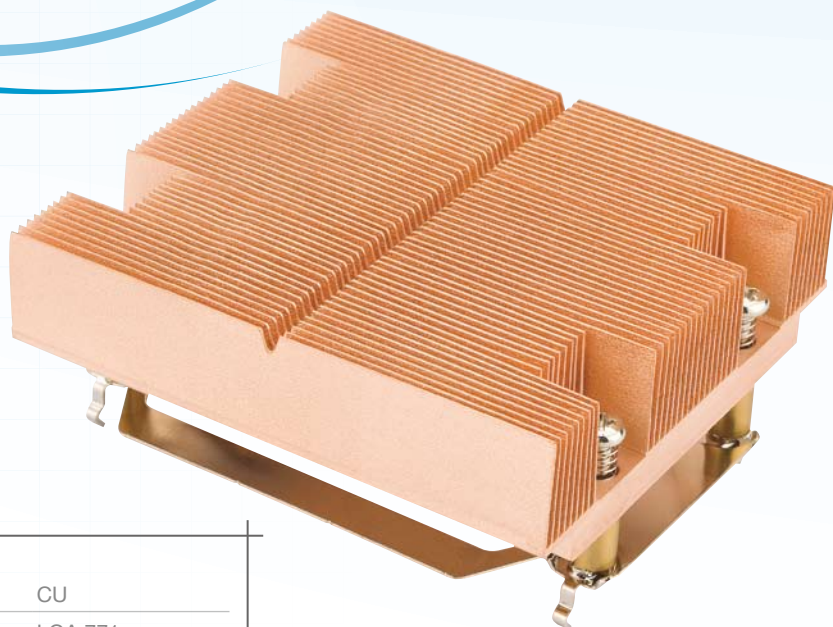
Material	AL+AL CORE
Socket Type	LGA 775
Weight (g)	350
Cooler Dimension (L*W*H mm)	115L*115W*61.4H



JZC816A

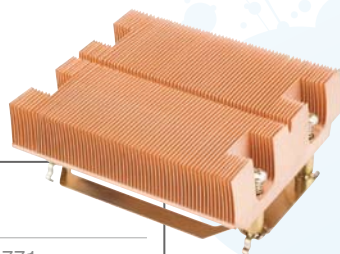
Material	AL+CU CORE
Socket Type	LGA 775
Weight (g)	530
Cooler Dimension (L*W*H mm)	115L*115W*61.4H

Model Name	JAC0522C	JAC16EC	JAC16EA	JAC84MC	JYCC501A	JZCM18A	JZC816A
Application System	2U Passive	2U & Desktop Active	2U & Desktop Active	2U & Desktop Active	1.5U Active	2U & Desktop Active	2U & Desktop Active
Material	CU	AL	AL	CU	AL+CU CORE	AL+AL CORE	AL+CU CORE
CPU Type	Pentium 4/ Pentium D	Pentium 4/ Pentium D	Pentium 4/ Pentium D	Pentium 4/ Pentium D	Pentium 4/ Pentium D	Pentium 4/ Pentium D	Pentium 4/ Pentium D
Weight (g)	1047	940	394	745	332	365	530
Cooler Dimension (L*W*H mm)	90L*85W*50H	89L*83W*68H	89L*83W*68H	118L*118W*71.7H	115L*115W*39.5H	115L*115W*61.4H	115L*115W*61.4H
Fan Dimension	-	60*60*25	60*60*25	80*80*25	80*80*15	90*90*25	90*90*25
Installation kit	Screw + Spring	Screw + Spring	Screw + Spring	Screw + Spring	Push pin/ Screw + Spring	Push pin	Push pin
Back Plate	Optional	Optional	Optional	Optional	Optional	Optional	Optional
Fin Process	Skived	Skived	Skived	Skived	Extrusion	Extrusion	Extrusion



JAC0701C

Material	CU
Socket Type	LGA 771
Weight (g)	701
Cooler Dimension (L*W*H mm)	88.9L*78.7W*23.7H



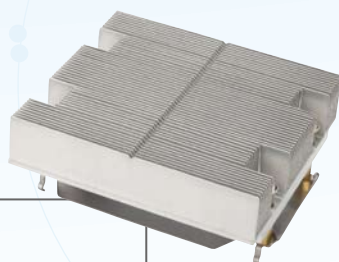
CJC04XC

Material	CU
Socket Type	LGA 771
Weight (g)	700
Cooler Dimension (L*W*H mm)	88.9L*78.7W*25H



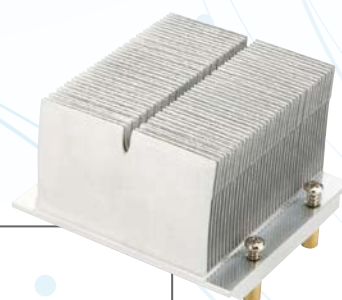
CJCL4YC

Material	CU
Socket Type	LGA 771
Weight (g)	345
Cooler Dimension (L*W*H mm)	92L*65W*27H



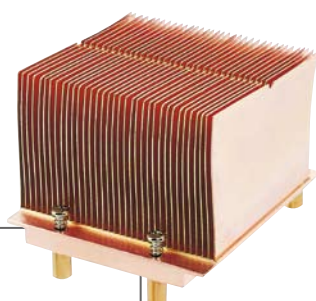
JAC0701A

Material	AL
Socket Type	LGA 771
Weight (g)	196
Cooler Dimension (L*W*H mm)	88.9L*78.7W*23.7H



JAC0702A

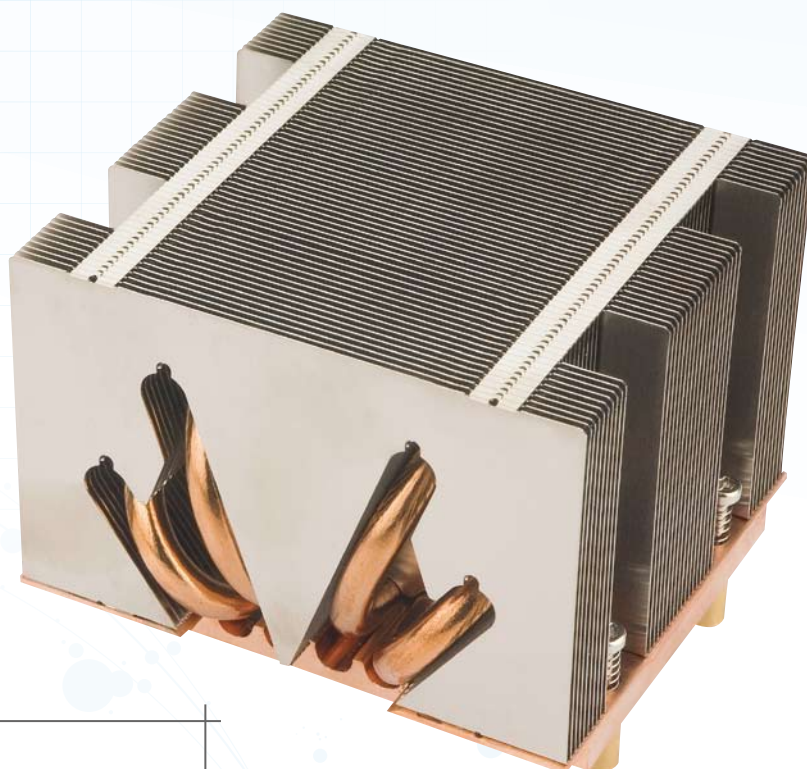
Material	AL
Socket Type	LGA 771
Weight (g)	357
Cooler Dimension (L*W*H mm)	88.9L*78.7W*50.8H



JAC050C

Material	CU
Socket Type	LGA 771
Weight (g)	1165
Cooler Dimension (L*W*H mm)	88.9L*78.74W*60H

Model Name	JAC0701C	CJC04XC	CJCL4YC	JAC0701A	JAC0702A	JAC050C
Application System	1U Passive	1U Passive	1U Active	1U Passiven	2U & Desktop Passive	2U & Desktop Passiven
Material	CU	CU	CU	AL	AL	CU
CPU Type	Dempsey	Dempsey	Dempsey	Woodcrest	Woodcrest	Dempsey
Weight (g)	701	700	345	196	357	1165
Cooler Dimension (L*W*H mm)	88.9L*78.7W*23.7H	88.9L*78.7W*25H	92L*65W*27H	88.9L*78.7W*23.7H	88.9L*78.7W*50.8H	88.9L*78.74W*60H
Fan Dimension	-	60*60*25	Blower 75*75*15	-	-	-
Installation kit	Screw + Spring	Screw + Spring	Screw + Spring	Screw + Spring	Screw + Spring	Screw + Spring
Back Plate	Optional	Optional	Optional	Optional	Optional	Optional
Fin Process	Skived	Skived	Skived	Skived	Skived	Skived



JAX0065

Material	AL+Pipe+CU base
Socket Type	LGA 771
Weight (g)	610
Cooler Dimension (L*W*H mm)	88.9L*78.7W*62.5H



JAC6601C

Material	CU
Socket Type	LGA 771
Weight (g)	750
Cooler Dimension (L*W*H mm)	88.9L*74W*56.6H



JAC651A

Material	AL
Socket Type	LGA 771
Weight (g)	345
Cooler Dimension (L*W*H mm)	88.9L*74W*56.6H



JAC141A

Material	AL
Socket Type	LGA 771
Weight (g)	359
Cooler Dimension (L*W*H mm)	90L*72W*70.2H



JAC141C

Material	CU
Socket Type	LGA 771
Weight (g)	895
Cooler Dimension (L*W*H mm)	90L*72W*70.2H

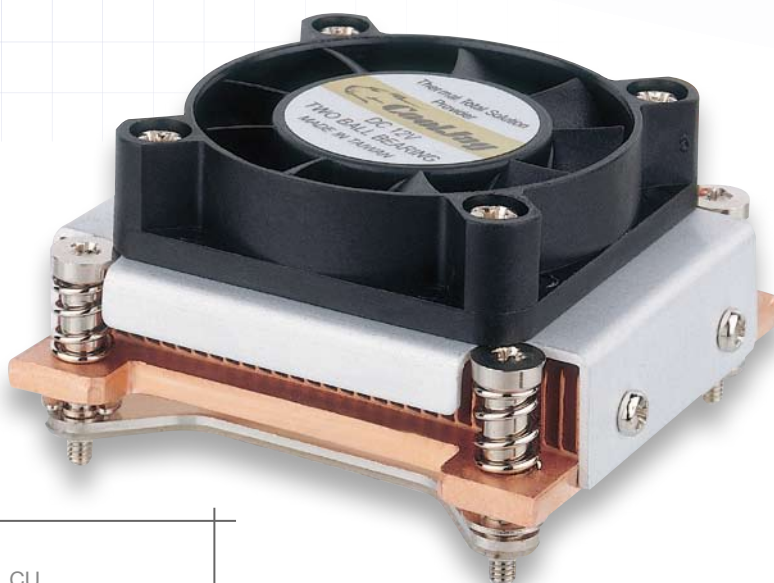
Model Name	JAX0065	JAC6601C	JAC651A	JAC141A	JAC141C
Application System	2U & Desktop Passive	2U Active	2U Active	2U & Desktop Active	2U & Desktop Active
Material	AL+Pipe+CU base	CU	AL	AL	CU
CPU Type	Dempsey	Dempsey	Woodcrest	Woodcrest	Dempsey
Weight (g)	610	750	345	359	895
Cooler Dimension (L*W*H mm)	88.9L*78.7W*62.5H	88.9L*74W*56.6H	88.9L*74W*56.6H	90L*72W*70.2H	90L*72W*70.2H
Fan Dimension	-	70*70*15	70*70*15	60*60*25	60*60*25
Installation kit	Screw + Spring	Screw + Spring	Screw + Spring	Screw + Spring	Screw + Spring
Back Plate	Optional	Optional	Optional	Optional	Optional
Fin Process	Stacked	Skived	Skived	Skived	Skived

INTEL

PGA 478 pins
BGA 479 balls

JAC09FC

Material	CU
Socket Type	PGA 478 pins/ BGA 479 balls
Weight (g)	150
Cooler Dimension (L*W*H mm)	50L*50W*22H



JACG9CC

Material	CU
Socket Type	PGA 478 pins BGA 479 balls
Weight (g)	120
Cooler Dimension (L*W*H mm)	51.2L*50W*23H

CJC09IA

Material	AL
Socket Type	PGA 478 pins/ BGA 479 balls VIA C3/C7
Weight (g)	59
Cooler Dimension (L*W*H mm)	50L*50W*22H



INTEL PGA 478 pins
BGA 479 balls

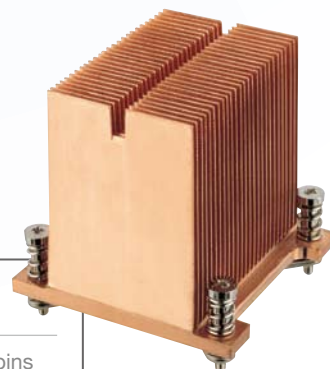
JACG9EC

Material	CU
Socket Type	PGA 478 pins BGA 479 balls
Weight (g)	130
Cooler Dimension (L*W*H mm)	50L*50W*29H



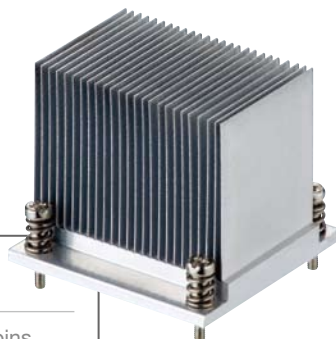
JAC09GC

Material	CU
Socket Type	PGA 478 pins BGA 479 balls
Weight (g)	240
Cooler Dimension (L*W*H mm)	50L*50W*47H



JAC0916A

Material	AL
Socket Type	PGA 478 pins BGA 479 balls
Weight (g)	78
Cooler Dimension (L*W*H mm)	50L*50W*43H



Model Name	JAC09FC	JACG9CC	CJC09IA	JACG9EC	JAC09GC	JAC0916A
Application System	1U Passive	1U Active	1U Passive	1U Active	2U & Desktop Passive	2U & Desktop Passive
Material	CU	CU	AL	CU	CU	AL
CPU Type	Pentium M / XEON SOSSAMAN	Pentium M / XEON SOSSAMAN	Pentium M / XEON SOSSAMAN VIA C3/C7	Pentium M / XEON SOSSAMAN	Pentium M / XEON SOSSAMAN	Pentium M / XEON SOSSAMAN
Weight (g)	150	120	59	130	240	78
Cooler Dimension (L*W*H mm)	50L*50W*22H	51.2L*50W*23H	50L*50W*22H	50L*50W*29H	50L*50W*47H	50L*50W*43H
Fan Dimension	-	40*40*10	-	Blower 51*51*15	-	-
Installation kit	Screw + Spring	Screw + Spring	Screw + Spring	Screw + Spring	Screw + Spring	Screw + Spring
Back Plate	Optional	Optional	Optional	Optional	Push Pin / Screw + Spring	Optional
Fin Process	Skived	Skived	Extrusion	Skived	Skived	Skived

INTEL

PGA 478 pins/BGA 479 balls
Socket G1/PGA989/BGA989

JACH9DC

Material	CU
Socket Type	PGA 478 pins BGA 479 balls
Weight (g)	185
Cooler Dimension (L*W*H mm)	51.2L*50W*44.6H



JACH909A

Material	AL
Socket Type	PGA 478 pins BGA 481 balls
Weight (g)	125
Cooler Dimension (L*W*H mm)	51.2L*50W*44.6H



JACDD01A ; JACDD04A

Material	AL
Socket Type	JACDD01A Socket G1/PGA989 JACDD04A BGA989
Weight (g)	95
Cooler Dimension (L*W*H mm)	60L*60W*26.5H



INTEL PGA 478 pins/BGA 479 balls
Socket G1/PGA989/BGA989

INTEL
Socket G1
/PGA989
BGA989



JAC3D02C

Material	CU
Socket Type	Socket G1/PGA989/ BGA989
Weight (g)	231
Cooler Dimension (L*W*H mm)	60L*60W*26.5H



JACDD01C ; JACDD04C

Material	CU
Socket Type	JACDD01C Socket G1/PGA989 JACDD04C BGA989
Weight (g)	231
Cooler Dimension (L*W*H mm)	60L*60W*26.5H



JAC3D02A

Material	AL
Socket Type	Socket G1/PGA989/ BGA989
Weight (g)	95
Cooler Dimension (L*W*H mm)	60L*60W*26.5H

Model Name	JACH9DC	JACH909A	JACDD01A JACDD04A	JACDD01C JACDD04C	JAC3D02C	JAC3D02A
Application System	2U & Desktop Active	2U & Desktop Active	1U Active	1U Active	1U Active	1U Active
Material	CU	AL	AL	CU	CU	AL
CPU Type	Pentium M / XEON SOSSAMAN	Pentium M / XEON SOSSAMAN	CORE i7 920/820/720	CORE i7 920/820/720	CORE i7 920/820/720	CORE i7 920/820/720
Weight (g)	185	125	95	231	231	95
Cooler Dimension (L*W*H mm)	51.2L*50W*44.6H	51.2L*50W*44.6H	60L*60W*26.5H	60L*60W*26.5H	60L*60W*26.5H	60L*60W*26.5H
Fan Dimension	40*40*20	40*40*20	50*50*10	50*50*10	60*60*10	60*60*10
installation kit	Screw + Spring	Screw + Spring	Screw + Spring	Screw + Spring	Screw + Spring	Screw + Spring
Back Plate	Optional	Optional	Optional	Optional	Optional	Optional
Fin Process	Skived	Skived	Skived	Skived	Skived	Skived

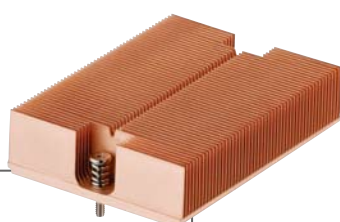
AMD

Socket 754/939
940/1207eATX/C32



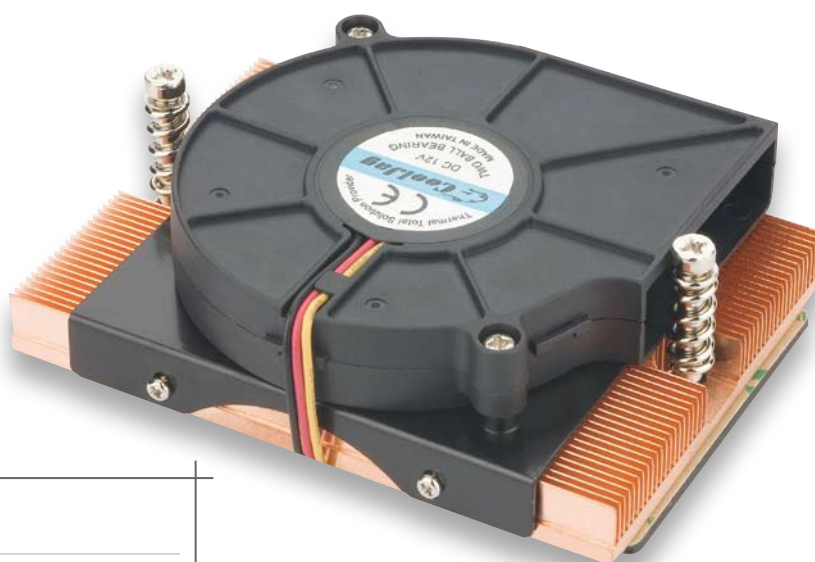
JAC0807C

Material	CU
Socket Type	Socket 754/939/940 Socket 1207 eATX/C32
Weight (g)	654
Cooler Dimension (L*W*H mm)	100L*74W*24H



JAC0802C

Material	CU
Socket Type	Socket 1207 eATX/C32
Weight (g)	660
Cooler Dimension (L*W*H mm)	100L*74W*24H



JACL8GC

Material	CU
Socket Type	Socket 754/939/940 Socket 1207 eATX/C32
Weight (g)	442
Cooler Dimension (L*W*H mm)	100L*75.6W*27H

AMD Socket 754/939/940 Socket 1207eATX/C32



CJC689C

Material	AL fin+Pipe+CU base
Socket Type	Socket 754/939/940/AM2/AM3
Weight (g)	384
Cooler Dimension (L*W*H mm)	82L*84W*62.5H



CJC183C

Material	CU
Socket Type	Socket 754/939/940 Socket 1207eATX/C32
Weight (g)	805
Cooler Dimension (L*W*H mm)	100L*65.5W*63.45H

Model Name	JAC0807C	JAC0802C	JACL8GC	CJC689C	CJC183C
Application System	1U Passive	1U Passive	1U Active	2U Active	2U Active
Material	CU	CU	AL	AL fin+Pipe+CU base	CU
CPU Type	Athlon 64/Athlon 64x2 /Athlon FX/ Opteron(10/200/800)/ Sempron	Athlon 64/Athlon 64x2 /Athlon FX/ Opteron(10/200/800)/ Sempron	Athlon 64/Athlon 64x2 /Athlon FX/ Opteron(10/200/800)/ Sempron	Athlon 64/Athlon 64x2 /Athlon FX/ Opteron(10/200/800)/ Sempron	Athlon 64/Athlon 64x2 /Athlon FX/ Opteron(10/200/800)/ Sempron
Weight (g)	654	660	442	384	805
Cooler Dimension (L*W*H mm)	74L*100W*24H	74L*100W*24H	100L*75.6W*27H	84L*82W*62.5H	100L*65.5W*63.45H
Fan Dimension	-	-	Blower 75*75*15	70*70*15	60*60*25
Installation kit	Screw + Spring	Screw + Spring	Screw + Spring	Clip	Screw + Spring
Back Plate	Optional	Optional	Optional	Optional	Optional
Fin Process	Skived	Skived	Skived	Stacked	Skived

AMD

1207(long size)
AMD G34 & AM2/AM3

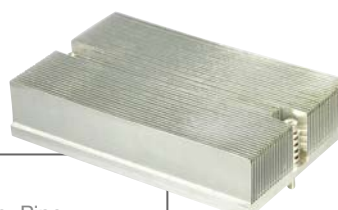
JAC1810A

Material	AL
Socket Type	Socket 1207/G34
Weight (g)	370
Cooler Dimension (L*W*H mm)	114L*65.5W*65.8H



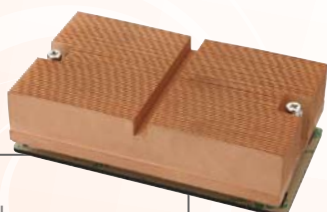
JAC01812ASP

Material	AL fin+Pipe
Socket Type	Socket 1207/G34
Weight (g)	265
Cooler Dimension (L*W*H mm)	114L*74W*26H



CJC08BC

Material	CU
Socket Type	Socket 1207/G34
Weight (g)	735
Cooler Dimension (L*W*H mm)	114L*72W*25H



Model Name JAC1810A

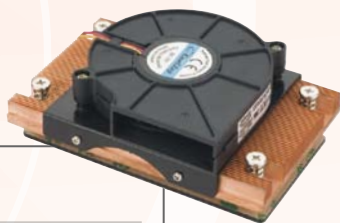
Application System	2U Active
Material	AL
CPU Type	AMD/Socket G34
Weight (g)	370
Cooler Dimension (L*W*H mm)	114L*65.5W*65.8H
Fan Dimension	60*60*25
Installation kit	Screw + Spring
Back Plate	Optional
Fin Process	Skived

AMD 1207(long size) AMD Socket G34&AM2/AM3

AMD
1207(long size)
AMD Socket G34
& AM2/AM3

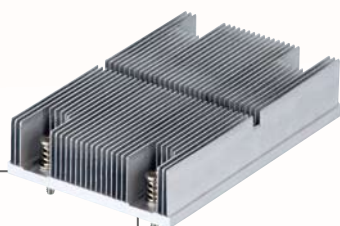
JACL201C

Material	CU
Socket Type	Socket AM2/AM3
Weight (g)	490
Cooler Dimension (L*W*H mm)	114L*74W*27H



JAC0203A

Material	AL
Socket Type	Socket AM2/AM3
Weight (g)	231
Cooler Dimension (L*W*H mm)	114L*74W*25H



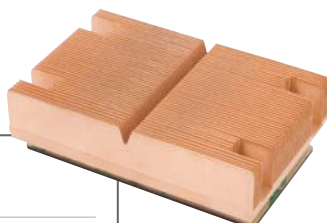
JAC1204C

Material	CU
Socket Type	Socket AM2/AM3
Weight (g)	823
Cooler Dimension (L*W*H mm)	106L*65.5W*65.8H



JAC0203C

Material	CU
Socket Type	Socket AM2/AM3
Weight (g)	786
Cooler Dimension (L*W*H mm)	114L*74W*25H

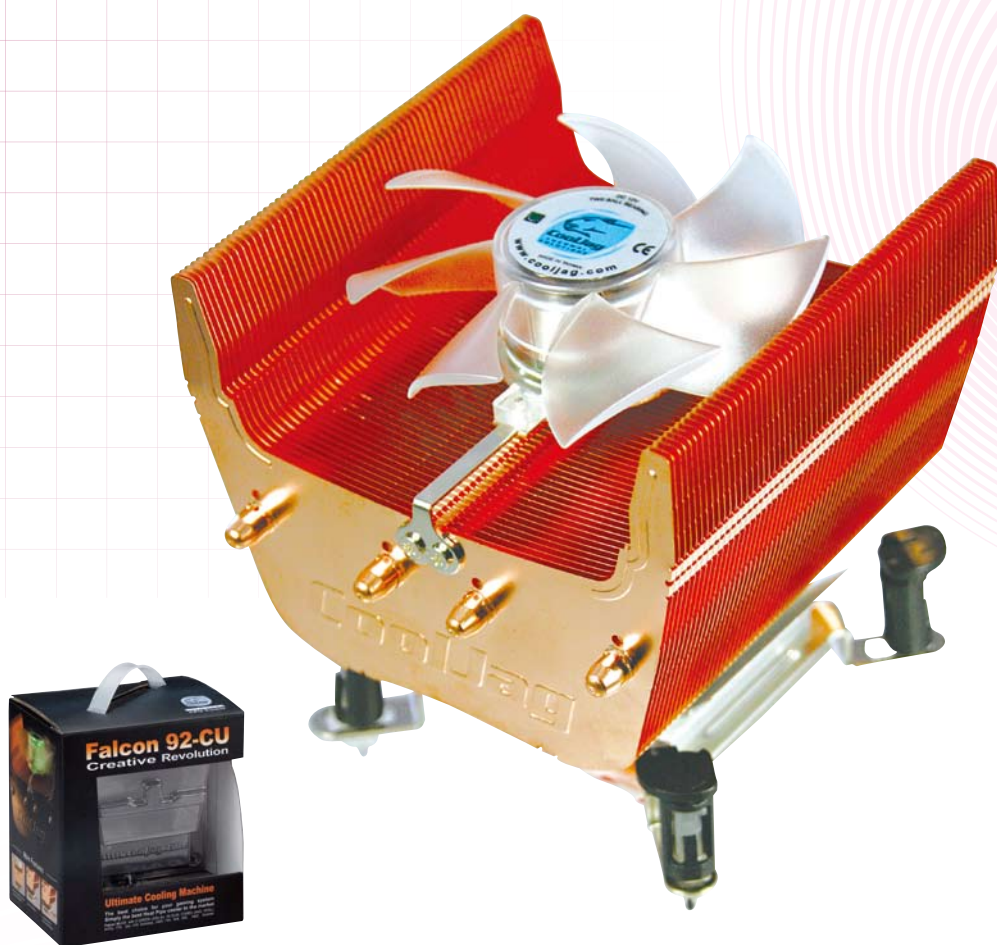


CJC18AC

Material	CU
Socket Type	Socket 1207/G34
Weight (g)	869
Cooler Dimension (L*W*H mm)	114L*65.5W*65.8H



JAC01812ASP	CJC08BC	JACL201C	JAC0203A	JAC0203C	JAC1204C	CJC18AC
1U Passive	1U Passive	1U Active	1U Passive	1U Passive	2U & Desktop Active	2U & Desktop Active
AL fin+Pipe	CU	CU	AL	CU	CU	CU
AMD/Socket G34	Athlon 64/Athlon64*2/ Athlon FX/ Opteron(10/200/800) /Sempron	Athlon / Athlon 64 / Athlon FX	Athlon / Athlon 64 / Athlon FX	Athlon / Athlon 64 / Athlon FX	Athlon / Athlon 64 / Athlon FX	Opteron 100/200/800 Series
265	735	490	231	786	823	869
114L*74W*26H	114L*72W*25H	114L*74W*27H	114L*74W*25H	114L*74W*25H	106L*65.5W*65.8H	114L*65.5W*65.8H
-	-	Blower 70*70*15	-	-	60*60*25	60*60*25
Screw + Spring	Screw + Spring	Screw + Spring	Screw + Spring	Screw + Spring	Screw + Spring	Screw + Spring
Optional	Optional	Optional	Optional	Optional	Optional	Optional
Skived	Skived	Skived	Skived	Skived	Skived	Skived



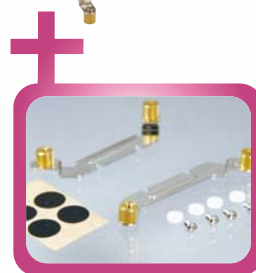
JYC8A02C

Material	CU fins/Pipe/AL base
Socket Type	K8/AM2/AM3/LGA775/ 1366/1356/1156/1155
Weight (g)	736
Cooler Dimension (L*W*H mm)	106L*122W*111H



JYC8A03A

Material	AL fins/Pipe/AL base
Socket Type	K8/AM2/AM3/ LGA775/1366/1356
Weight (g)	450
Cooler Dimension (L*W*H mm)	128L*105W*119H





JYC8A02A

Material	AL fins/Pipe/CU base
Socket Type	K8/AM2/AM3/LGA775/1366/1356/1156/1155
Weight (g)	382
Cooler Dimension (L*W*H mm)	106L*122W*111H



VGCI006A

Material	AL
Socket Type	Northbridge
Weight (g)	82
Cooler Dimension (L*W*H mm)	81L*37W*47H



VGC0006C

Material	CU
Socket Type	Northbridge
Weight (g)	96
Cooler Dimension (L*W*H mm)	81L*37W*47H

Model Name	JYC8A02C	JYC8A03A	JYC8A02A	VGCI006A	VGC0006C
Application System	3U & Desktop Active	3U & Desktop Active	3U & Desktop Active	Northbridge Chipsets	Northbridge Chipsets
Material	CU fins/Pipe/AL base	AL fins/Pipe/AL base	AL fins/Pipe/AL base	AL+Pipe	CU+Pipe
CPU Type	Intel/AMD	Intel/AMD	Intel/AMD	-	-
Weight (g)	736	450	382	82	96
Cooler Dimension (L*W*H mm)	106L*122W*111H	128L*105W*119H	106L*122W*111H	81L*37W*47H	81L*37W*47H
Fan Dimension	80*80*25	80*80*25	80*80*25	36*40*10	-
Installation kit	Push pin	Screw + Backplate	Push pin	Push pin/Hook	Push pin/Hook
Back Plate	-	Only LGA775 Backplate/Other optional	-	-	-
Fin Process	Stacked fin with heat Pipe+skived	Stacked fin with heat Pipe + skiving	Stacked fin with heat Pipe+skived	Stacked fin with heat Pipe	Stacked fin with heat Pipe



JYCWA02A

Material	AL fins/Pipe/AL base
Socket Type	LGA775/LGA1366/LGA1356
Weight (g)	475
Cooler Dimension (L*W*H mm)	138L*123W*70.3H



JAF4010H10

Material	FAN
Fan Dimension	36L*40W*10H
Fan Speed	5000rpm



JAP004J

Volume	1.5g
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JAP004J-A

Volume	1.5g*2
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Model Name	JYCWA02A	JAF4010H10
Application System	2U & Desktop Active	Falcon Mini add on
Material	AL fins/Pipe/CU base	FAN
CPU Type	Intel/AMD	-
Weight (g)	470	11
Cooler Dimension (L*W*H mm)	138L*123W*70.3H	-
Fan Dimension	120*120*20	36*40*10
Installation kit	Screw + Backplate	-
Back Plate	Only LGA775 Backplate /Other Optional	-
Fin Process	Stacked fin with heat Pipe+skiving	-

Model Name	JAP004J	JAP004J-A
Thermal Compound	Shin-Etsu X-23-7762	Shin-Etsu X-23-7762
Thermal Conductivity	6 W/m ² K	6 W/m ² K
Specific Gravity	2.55@25°C	2.55@25°C
Viscosity	180 Pa.s@25°C	180 Pa.s@25°C
Storage Conditions	60°F~85°F (15°C~29°C)	60°F~85°F (15°C~29°C)
Usage Temperature Range	-50°C~120°C	-50°C~120°C
Volume	1.5g	1.5g*2

Accessories Chipset cooler



Model Name FEJAL039

Back Plate FALCON Series Clip for LGA1156/1366/775



Model Name JAT157 JAT180 JAT161 JAT114 JAT154

Back Plate LGA1156 LGA1156 LGA1366 LGA1366(server) LGA1366(desktop)



Model Name JAT050 JAT050-AG JAT081 JAT090 JAT080 JAT199

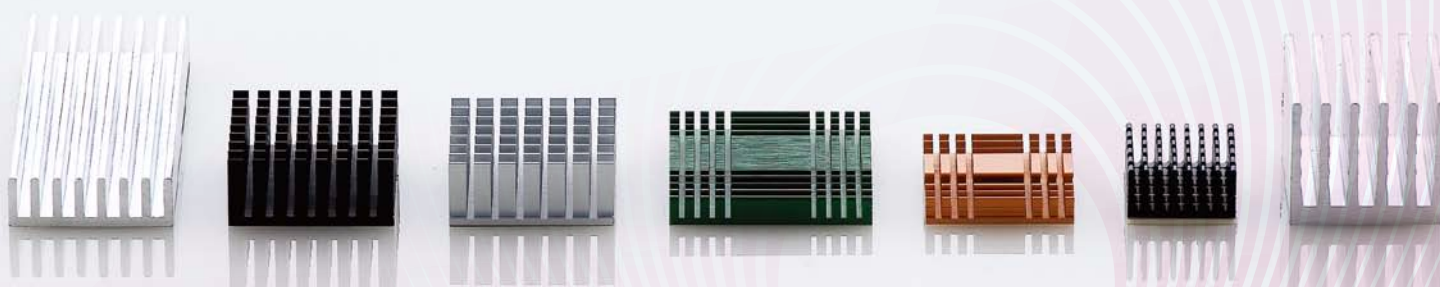
Back Plate INTEL LGA775 INTEL LGA775 AMD SocketF(eATX) AMD SocketF(eATX) AMD SocketF (1207) AMD Socket G34

Model Name VGC008A VGC0020A VGC0018A VGC0005A VGC021A VGC0019A

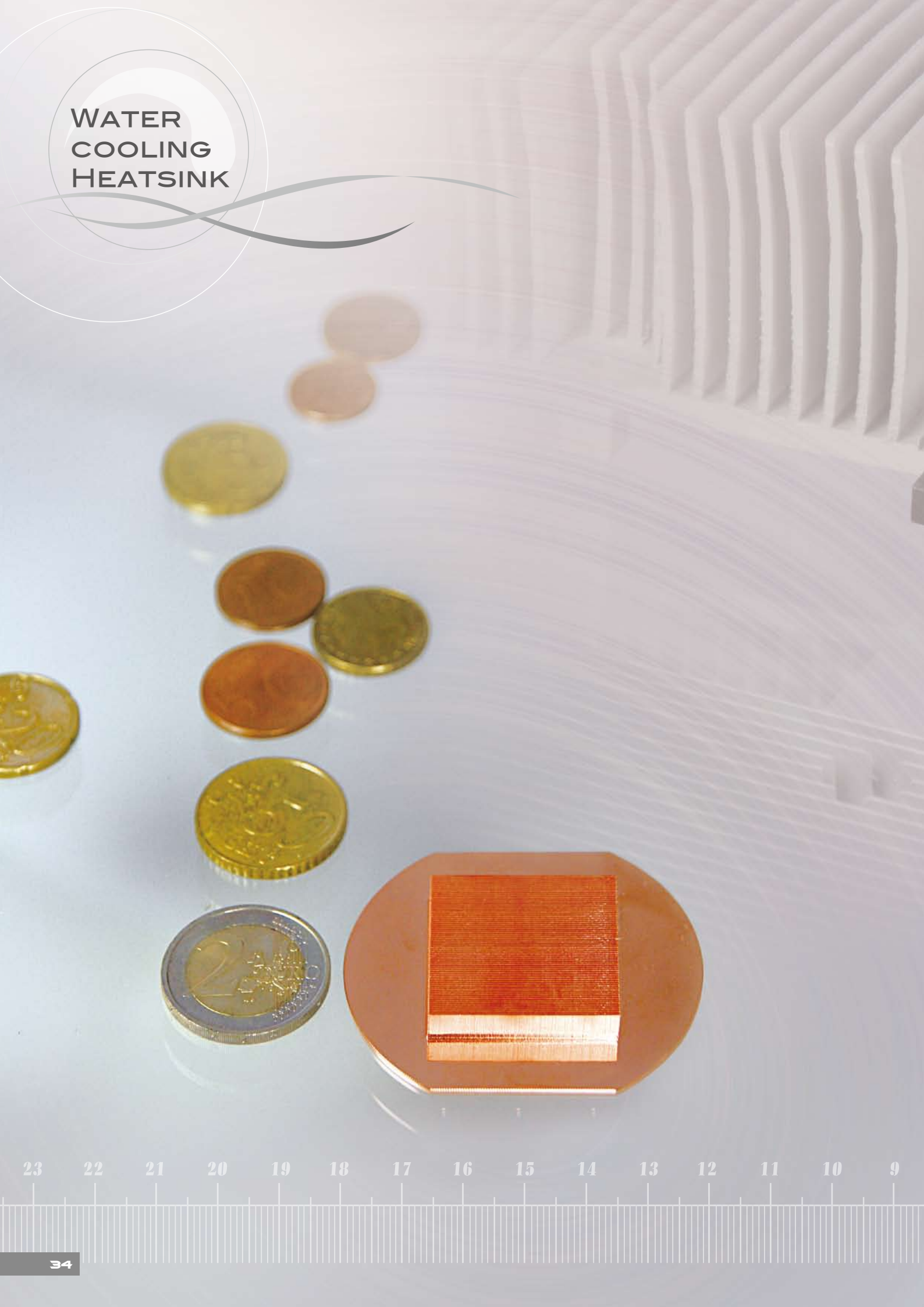
Material	Aluminum 6063	Aluminum 6063	Aluminum 6063	Aluminum 6063	Aluminum 6063	Aluminum 6063
Dimension	58.8L*41.5W*25H	37.4L*37.4W*6.5H	37.4L*37.4W*10H	58.8L*40W*20H	27.5L*27.5W*6H	49.5L*49.5W*8H
Weight(g)	46	27	14	50	6	14
number of fins	12	6	12	16	7	12

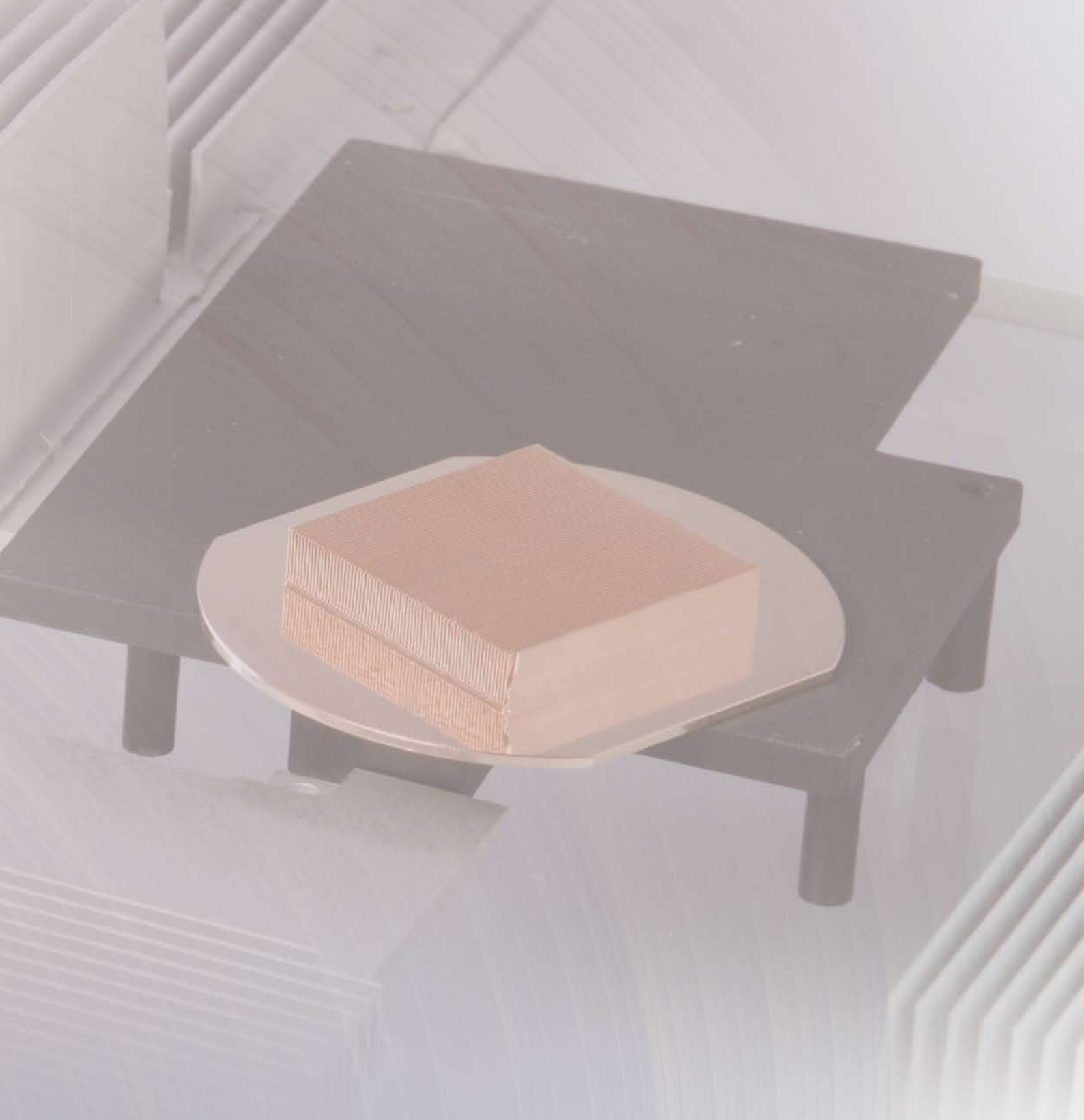
Model Name VGC015A VGC013A VGC011A VGC0003A VGC006A VGC019A

Material	Aluminum 6063	Aluminum 6063	Aluminum 6063	Aluminum 6063	Aluminum 6063	Aluminum 6063
Dimension	20L*20W*11H	37.5L*37.4W*6H	30.5L*30.5W*13.3H	30L*30.5W*13.6H	28L*30W*25H	58L*40W*20.5H
Weight(g)	4	12	14	13	12	40
number of fins	8	9	12	9	6	11



WATER COOLING HEATSINK





Water Cooling Heatsink

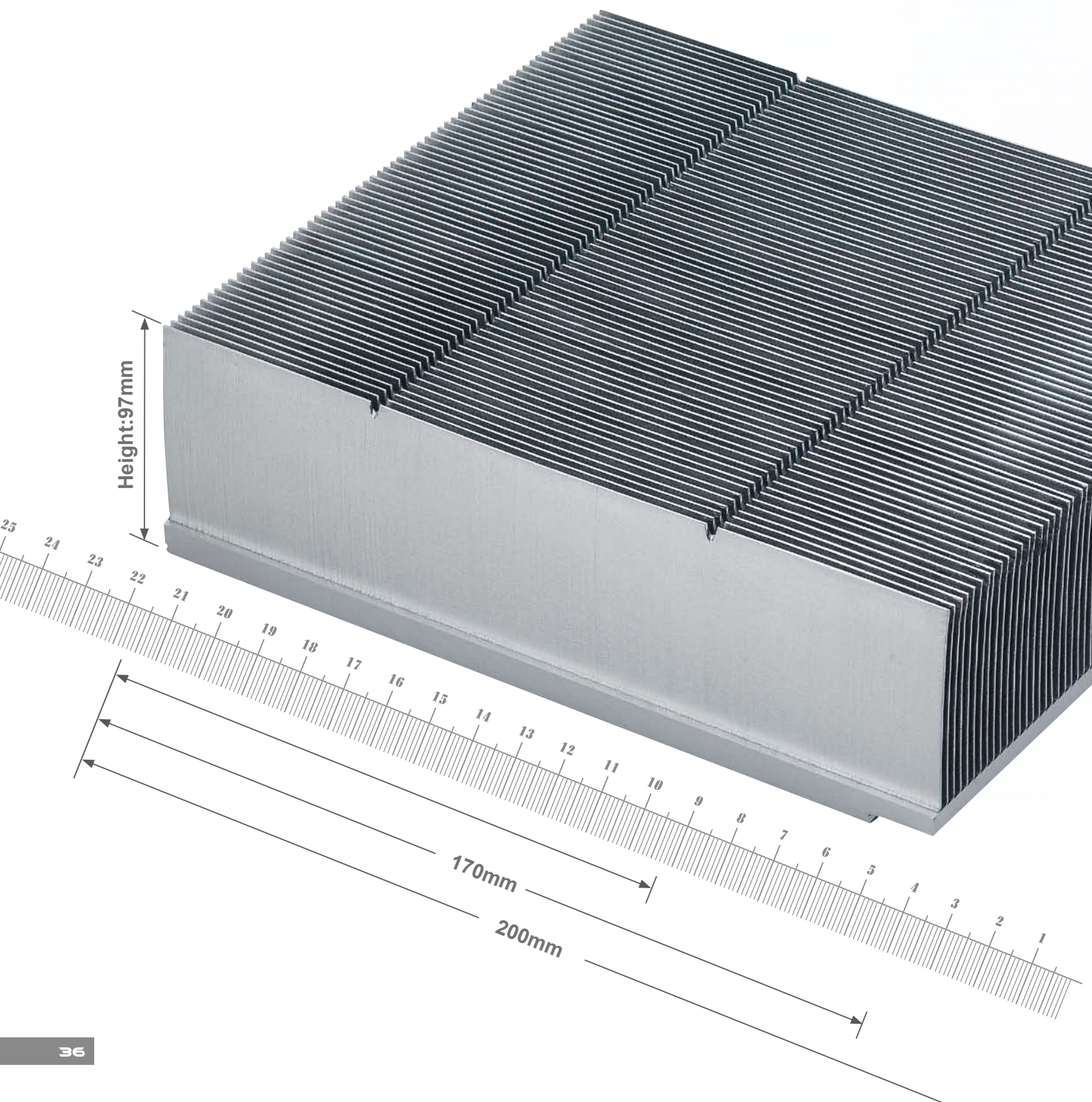
High density

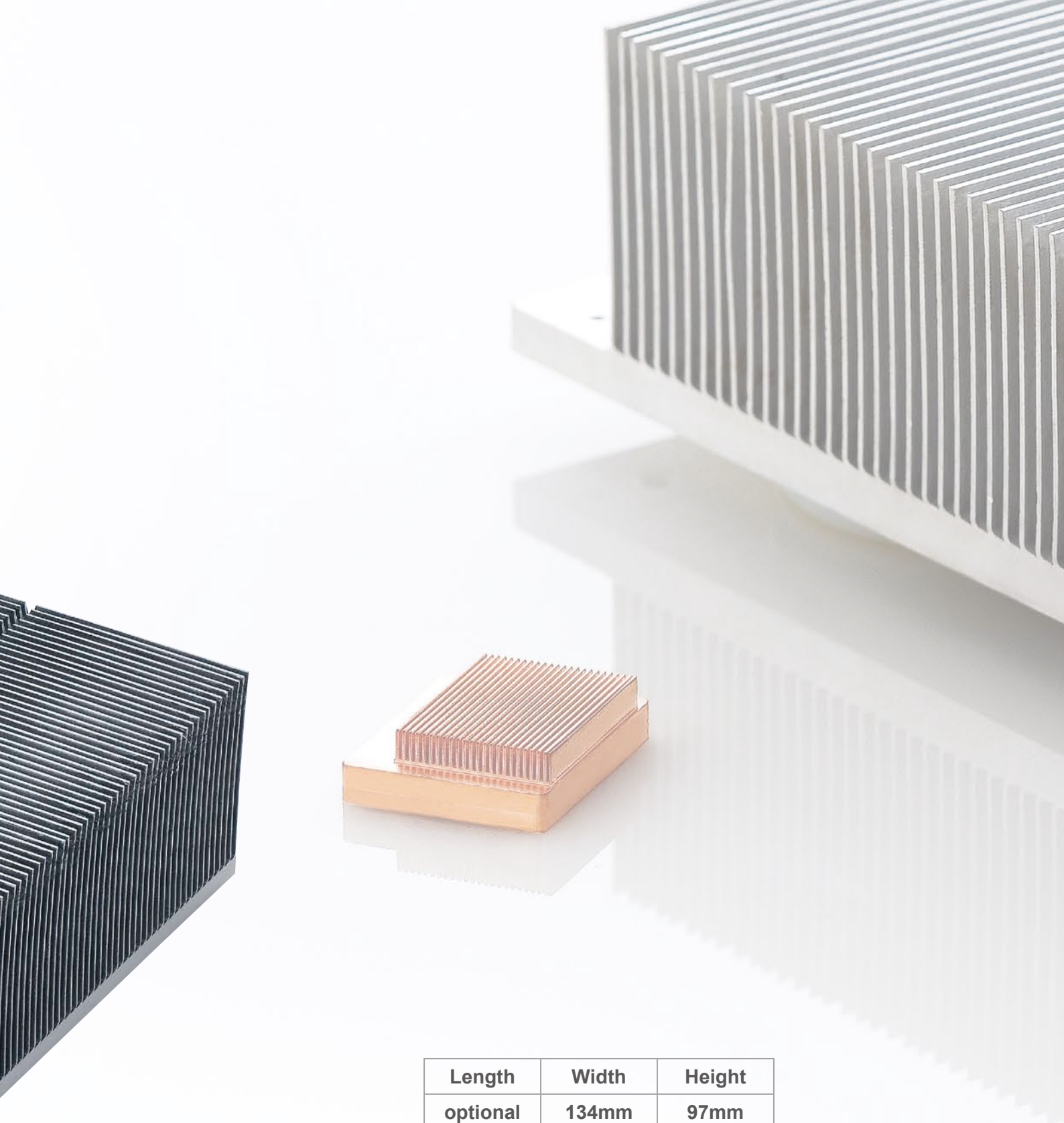
- Fin width 20~400mm
- Sink pitch 0.2~4mm
- Fin thickness 0.07~1mm

- High density with best performance
- Max thermal surface within same area
- Customized design



INDUSTRIAL





Length	Width	Height
optional	134mm	97mm
optional	170mm	74mm
optional	170mm	97mm
optional	200mm	97mm
optional	255mm	97mm
optional	304mm	97mm

****Customized heatsink!!**

The logo for ETX & COM is located in the top left corner. It consists of a stylized circular graphic with a thick grey ring and a thinner white ring, creating a sense of motion or a signal. The text "ETX & COM" is centered within the grey ring.

ETX
&
COM

SHARPING YOUR NEED!



Sharpening your need!

ETX (Embedded Technology eXtended) & Com Express (Computer on Module)

Standard Dimension Ready!!

1. 95*114mm
2. 110*155mm
3. 95*125mm
4. 95*95mm

