

About Us | Products | Support | Newsroom | Where To Buy

# Thermal Components Matrix

[Support](#) ▶ [Thermal Components Matrix](#) ▶

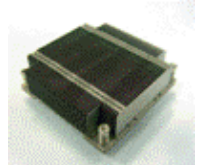
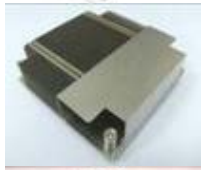
| [Heatsink](#) | [System Fans](#) |

**Heatsink**

**CPU Heatsinks for Intel® UP, DP and MP Systems**

Photo	Part Number	Application	Socket Type	Supported CPU	Dimension L x W x H (mm)	Mounting Method	Fan Speed (RPM)	Noise (dBA)
	SNK-P1036P	B8 TwinBlade™ Server Rear-left Heatsink	LGA1366	Intel® Xeon® 5500, 5600 Series	99 x 97 x 27	Screws & Springs	N/A	N/A
	SNK-P1035P	B8 TwinBlade™ Server Rear-right Heatsink	LGA1366	Intel® Xeon® 5500, 5600 Series	99 x 97 x 27	Screws & Springs	N/A	N/A
	SNK-P1034P	B8 TwinBlade™ Server Rear-front Heatsink	LGA1366	Intel® Xeon® 5500, 5600 Series	99 x 72 x 27	Screws & Springs	N/A	N/A
	SNK-P1033P	B9 14-Blade Servers	LGA2011	Intel® Xeon® E5-2600 Series	104 x 90x 15	Screws & Springs for Narrow ILM	N/A	N/A
	SNK-P0050AP4	X9 4U UP, DP Workstations	LGA2011	Intel® Xeon® E5-1600, E5-2600 Series	105 x 93 x 126	Screws & Springs for Both Square and Narrow ILMs (BKT-0050L-RS and BKT-0050L-RN Included)	3,800	38.0
	SNK-P0048PW	X9 2U Twin™ Server Rear Heatsink	LGA2011	Intel® Xeon® E5-2600 Series	90 x 116 x 64	Screws & Springs for Square ILM	N/A	N/A
	SNK-P0048PSC	X9 2U WIO+ DP Servers	LGA2011	Intel® Xeon® E5-2600 Series	104 x 80 x 64	Screws & Springs for Narrow ILM	N/A	N/A
	SNK-P0048PS	X9 2U+ UP, DP,MP Servers	LGA2011	Inte® Xeon® E5-2600 Series	104 x 80 x 64	Screws & Springs for Narrow ILM	N/A	N/A

									
	SNK-P0048P	X9 2U+ UP, DP Servers	LGA2011	Intel® Xeon® E5-2600 Series	90 x 90 x 64	Screws & Springs for Square ILM	N/A	N/A	
	SNK-P0048AP4	X9 2U+ UP, DP Servers	LGA2011	Intel® Xeon® E5-2600 Series	85 x 80 x 65	Screws & Springs for Both Square and Narrow ILMs (BKT-0048L-RS and BKT-0048L-RN Included)	8,400	52.0	
	SNK-P0047PW	X9 1U Twin™, 2U Twin2™ Server Rear Heatsink)	LGA2011	Intel® Xeon® Processor E5-2600 Series	90 x 116 x 27	Screws & Springs for Square ILM	N/A	N/A	
	SNK-P0047PSC	X9 1U 3 or 4 GPU, B9 TwinBlade™ Server Front Heatsink	LGA2011	Intel® Xeon® Processor E5-2600 Series	104 x 80 x 27	Screws & Springs for Narrow ILM	N/A	N/A	
	SNK-P0047PS+	MicroCloud Servers	LGA1155	Intel® Xeon® E3-1200, Core™ i3 Series	104 x 80 x 30	Screws & Springs	N/A	N/A	
	SNK-P0047PS	X9 1U UP, DP, MP, B9 10-Blade Servers	LGA2011	Intel® Xeon® Processor E5-2600 Series	104 x 80 x 27	Screws & Springs for Narrow ILM	N/A	N/A	
	SNK-P0047P	X9 1U UP, DP Servers	LGA2011	Intel® Xeon® Processor E5-2600 Series	90 x 90 x 27	Screws & Springs for Square ILM	N/A	N/A	
	SNK-P0046P	X8, X9 1U UP Servers	LGA1156 LGA1155	Intel® Xeon® X3400, E3-1200, Core™ i3 Series	95 x 95 x 27	Screw Spring, and Mounting Bracket (BKT-0028L included)	N/A	N/A	
	SNK-P0046A4	X8, X9 2U+ UP Servers and Workstations	LGA1156 LGA1155	Intel® Xeon® X3400, E3-1200, Core™ i3 Series	90 x 90 x 70.7	Push-in Pins	2,800	33.5	
	SNK-P0045P	X8 2U+ 4-way MP Servers	LGA1567	Intel® Xeon® 7500, E7-4800 Series	113 x 72 x 65	Screws & Springs	N/A	N/A	
	SNK-P0044P+	X8 8-way MP Servers	LGA1567	Intel® Xeon® 7500, E7-4800 Series	113 x 72 x 31	Screws & Springs	N/A	N/A	
	SNK-P0044P	X8 1U 4-way MP Servers	LGA1567	Intel® Xeon® 7500, E7-4800	113 x 72 x 27	Screws & Springs	N/A	N/A	



Series

SNK-P0041	X8, X9 1U DP Servers (X8DTL, X9DBL Front Heatsink)	LGA1366 LGA1356	Intel® Xeon® 5500, 5600, E5-2400 Series	90 x 90 x 27	Screws & Springs	N/A	N/A
SNK-P0040AP4	X8, X9 4U DP Workstations	LGA1366 LGA1356	Intel® Xeon® 5500, 5600, E5-2400 Series	106 x 100 x 126	Screws & Springs	2,400	25.0
SNK-P0038PS	X8, X9 2U Twin™ Servers	LGA1366 LGA1356	Intel® Xeon® 5500, 5600, E5-2400 Series	90 x 90 x 64	Screws & Springs	N/A	N/A
SNK-P0038P	X8, X9 2U+ DP Servers	LGA1366 LGA1356	Intel® Xeon® 5500, 5600, E5-2400 Series	90 x 90 x 64	Screws & Springs	N/A	N/A
SNK-P0037P	X8, X9 1U UP, DP Servers	LGA1366 LGA1356	Intel® Xeon® 5500, 5600, E5-2400 Series	90 x 90 x 27	Screws & Springs	N/A	N/A
SNK-P0036A4	X8 2U+ UP Servers	LGA1366	Intel® Xeon® Processor 3500, 3600, 5500, 5600 and Core™ i7 Series	90 x 90 x 68	Screw, Spring, and Mounting Bracket (BKT-0023L Included)	4,200	45.0
SNK-P0036	X8 1U UP Server	LGA1366	Intel® Xeon® 3500, 3600, 5500, 5600, Core™ i7 Series	90 x 90 x 27	Screws, Springs, and Mounting Bracket (BKT-0023L Included)	N/A	N/A
SNK-P0035AP4	X8, X9 4U UP, DP Workstations and Desktops	LGA1366 LGA1356	Intel® Xeon® 3500, 3600, 5500, 5600, E5-2400, Core™ i7 Series	106 x 100 x 126	Screws, Springs, and Mounting Bracket (BKT-0023L Included)	2,400	25.0
SNK-P0034P	B8 10-Blade Servers	LGA1366	Intel® Xeon® Processor 5500 and 5600 Series	90 x 90 x 25	Screws & Springs	N/A	N/A
SNK-P0033P	B8 14-Blade Servers	LGA1366	Intel® Xeon® 5500, 5600 Series	95 x 105 x 16	Screws & Springs	N/A	N/A

Heatsinks

CPU Heatsinks for AMD UP, DP, and MP Systems

Photo	Part Number	Application	Socket Type	Supported CPU	Dimension L x W x H (mm)	Mounting Method	Fan Speed (RPM)	Noise (dBA)
	SNK-P1036P	TwinBlade™ QuadBlade, Server Rear-left Heatsink	Socket G34 LGA1944	AMD Opteron™ Processor 6100, 6200 Series	99 x 97 x 27	Screws & Springs	N/A	N/A

										
	SNK-P1035P	TwinBlade™ QuadBlade, Server Rear-right Heatsink	Socket G34 LGA1944	AMD Opteron™ Processor 6100, 6200 Series	99 x 97 x 27	Screws & Springs	N/A	N/A		
	SNK-P1034P	TwinBlade™ QuadBlade, Server Front Heatsink	Socket G34 LGA1944	AMD Opteron™ Processor 6100, 6200 Series	99 x 72 x 27	Screws & Springs	N/A	N/A		
	SNK-P0050AP4	4U UP, DP Servers and Workstations	Socket G34 LGA1944	AMD Opteron™ Processor 6100, 6200 Series	105 x 93 x 126	Screws, Springs, and Mounting Bracket (BKT-0050L-G34 Not Included)	3,800	38.0		
	SNK-P0048AP4	2U UP, DP Servers	Socket C32 LGA1207	AMD Opteron™ Processor 4100, 4200 Series	85 x 80 x 65	Screws, Springs, and Mounting Bracket (BKT-0048L-C32 Not Included)	8,400	52.0		
	SNK-P0043P	2U+ DP, MP Servers	Socket G34 LGA1944	AMD Opteron™ Processor 6100, 6200 Series	113 x 72 x 62.5	Screws & Springs	N/A	N/A		
	SNK-P0042P	1U UP, DP, MP Servers	Socket G34 LGA1944	AMD Opteron™ Processor 6100, 6200 Series	113 x 72 x 26.5	Screws & Springs	N/A	N/A		
	SNK-P0024AP4	3U+ UP, DP Servers and Workstations	Socket C32 LGA1207	AMD Opteron™ Processor 4100, 4200 Series	105 x 78 x 103	Screws & Springs	5,100	42.8		
	SNK-P0023P+	2U, 4U MP Servers	Socket F LGA1207	AMD Opteron™ Processor 8000 Series	98 x 74 x 62	Screws & Springs	N/A	N/A		
	SNK-P0023P	2U+ DP Server	Socket C32 LGA1207	AMD Opteron™ Processor 4100, 4200 Series	98 x 74 x 52	Screws & Springs	N/A	N/A		
	SNK-P0022+	1U UP, DP Servers	Socket C32 LGA1207	AMD Opteron™ Processor 4100, 4200 Series	98 x 74 x 27	Screws & Springs	N/A	N/A		

#### System Fans

Part Number	Application	Dimension (mm)			Rated Current (A)	Fan Speed (RPM)	Air Flow (CFM)	Static Pressure (in.H2O)	Noise (dBA)
		L	W	H					
FAN-0139L4	SC827, SC217(Rear)	60	60	38	1.10	13,000	56.5	2.19	61.5
FAN-0138L4	SC747 (Passive cooling GPU)	92	92	38	2.24	7,500	155.0	1.31	60.0
FAN-0137L4	SC827, SC217 (Option,	80	80	38	1.20	10,500	100.6	1.92	60.0

FAN-0136L4	High Performance) SC827, SC217 (Option, High Performance)	80	80	38	3.75	13,800	144.2	3.46	73.0
FAN-0135L4	SC813 Rev.M	97	97	37	1.35	5,000	39.0	2.26	59.0
FAN-0134L4	SC829	60	60	38	1.10	13,000	56.5	2.19	61.5
FAN-0133L4	SC938( Micro Cloud)	80	80	38	1.95	11,000	116.5	2.14	62.5
FAN-0130L4	SC835(Option)	80	80	38	1.95	11,000	116.5	2.14	62.5
FAN-0129L4	SC827, SC217	80	80	38	1.95	11,000	116.5	2.14	62.5
FAN-0127L4	SC846	80	80	38	0.60	7,000	72.5	1.09	53.5
FAN-0126L4	SC825, SC826	80	80	38	0.60	7,000	72.5	1.09	53.5
FAN-0125L4	SC836, SC846 (Rear)	80	80	32	0.35	6,700	59.6	0.68	47.0
FAN-0124L4	SC732	120	120	25	0.13	1,850	58.8	0.09	24.0
FAN-0123L4	SC837 JBOD	80	80	27	1.40	9,500	100.0	1.77	61.0
FAN-0122L4	SC758 (Rear)	92	92	38	3.60	8,000	151.4	1.54	71.0
FAN-0121L4	SC758 (Middle)	92	92	38	3.60	8,000	151.4	1.54	71.0
FAN-0119L4	SC219, SC829 (Redundancy)	80	80	38	0.80	6,500	84.3	0.91	53.0
FAN-0118L4	SC828TQ-R1400	80	80	38	1.40	9,500	100.0	1.77	61.0
FAN-0117L4	SC818G, SC118G (Passive Cooling GPU)	40	40	56	1.80	17,000[Inlet] / 13,000[Outlet]	33.5	2.61	65.0
FAN-0116L4	SC748TQ-R1400 (Rear)	80	80	38	0.90	8,200	85.5	1.37	57.5
FAN-0115L4	SC748TQ-R1400 (Middle)	92	92	38	2.24	7,500	155.0	1.31	60.0
FAN-0114L4	SC747	92	92	38	1.10	5,000	109.7	0.60	50.0
FAN-0113L4	SC731(Option)	80	80	25	0.13	2,800	32.9	0.14	24.0
FAN-0112L4	SC478	80	80	38	1.40	9,500	100.0	1.77	61.0
FAN-0111L4	SC827, SC217	80	80	38	1.40	9,500	100.0	1.77	61.0
FAN-0110L4	SC808-780	40	40	56	0.70	15,500[Inlet] / 11,600[Outlet]	21.8	1.59	56.0
FAN-0109L4	SC848	80	80	38	0.80	6,500	84.3	0.91	53.0
FAN-0108L4	SC731	92	92	25	0.10	2,050	34.0	0.09	19.5
FAN-0107L4	SC808-780	40	40	28	0.40	12,500	16.3	0.85	44.0
FAN-0106L4	SC111, SC113M	40	40	28	0.14	8,500	12.0	0.38	34.0
FAN-0105L4	SC733, SC735	120	120	25	0.13	1,850	58.8	0.09	24.0
FAN-0104L4	SC743 (SQ Middle)	80	80	25	0.13	2,800	32.9	0.14	24.0
FAN-0103L4	SC743 (SQ Rear)	92	92	25	0.15	2,400	40.0	0.12	25.0
FAN-0102L4	SC818, SC825M, SC815	40	40	56	0.70	12,000 / 8,900	23.0	1.20	56.0
FAN-0101L4	SC809, SC816, SC819, SC808	40	40	56	1.00	14,400 / 10,700	27.5	1.73	59.0
FAN-0100L4	SC510, SC511	40	40	28	0.12	8,500	12.0	0.38	34.0
FAN-0099L4	SC828	80	80	38	0.80	6,500	84.3	0.91	53.0
FAN-0097L4	SC842	92	92	38	1.10	5,000	109.7	0.60	50.0
FAN-0095L4	SC846	80	80	38	1.10	6,300	90.0	0.85	51.0
FAN-0094L4	SC523, SC823, SC825, SC826, SC835, SC836, SC846, SC936	80	80	38	1.10	6,300	90.3	0.85	51.0
FAN-0091L4	SC743 (Option)	92	92	38	0.58	4,000	89.9	0.40	43.0
FAN-0090L4	SC748	92	92	38	1.10	5,000	109.7	0.60	50.0
FAN-0088L4	SC513F, SC515, SC823M	40	40	56	0.70	12,000 / 8,900	23.0	1.20	56.0
FAN-0087L4	SC512F, SC811	40	40	56	0.70	12,000 / 8,900	23.0	1.20	56.0
FAN-0086L4	SC815, SC818, SC825M	40	40	56	0.80	12,000 / 11,000	24.0	1.30	56.0
FAN-0085L4	SC816, SC819, SC808, SC809	40	40	56	1.00	13,300 / 11,600	26.4	1.59	58.0
FAN-0084L4	Mobile Rack CSE-M28	80	80	38	0.58	5,000	68.3	0.53	45.0
FAN-0083L4	SC813	40	50	38	0.56	10,500 / 10,100	23.1	0.70	57.5
FAN-0082L4	SC743, SC745, SC748	80	80	38	0.58	5,000	68.3	0.53	45.0
FAN-0080L4	SC932	92	92	32	0.38	3,500	70.8	0.31	38.0
FAN-0078L4	SC513, SC813M	40	50	38	0.56	10,500 / 10,100	23.1	0.70	57.5
FAN-0077L4	SC733 (Rear)	120	120	38	0.68	4,000	148.3	0.60	51.0
FAN-0076L4	SC733 (Front)	92	92	25	0.40	4,200	74.8	0.34	45.0
FAN-0074L4	SC743	80	80	38	0.58	5,000	68.3	0.53	45.0
FAN-0065L4	SC813MTQ, SC113MTQ	40	40	28	0.45	13,000	23.1	1.07	52.5
FAN-0064L4	SC833, SC933	92	92	38	1.10	5,000	109.7	0.60	50.0
FAN-0063L4	SC832	92	92	32	0.55	4,300	88.5	0.46	44.0
FAN-0062L4	SC832, SC833, SC835, SC836, SC933, SC936	80	80	32	0.55	5,000	59.1	0.49	47.0
FAN-0061L4	SC512, SC811, SC813, SC813M	40	40	28	0.35	12,500	16.3	0.85	44.0
FAN-0059L4	SC512, SC513, SC811, SC812, SC813	97	94	33	1.42	5,000	33.6	2.16	59.0
FAN-0057L4	Mobile Rack CSE-M34 / M35	92	92	32	0.23	2,850	56.3	0.21	32.0
FAN-0051L4	SC742 (Rear)	120	120	38	0.14	2,000	71.3	0.17	32.5
FAN-0046L4	SC742 (Front)	92	92	25	0.25	3,100	52.4	0.18	32.0
FAN-0044L4	SC822	80	80	25	0.30	3,750	48.5	0.23	36.0

FAN-0038L4	SC512, SC811, SC812L, SC813	97	94	33	0.69	3,200	28.3	0.95	53.5
------------	--------------------------------	----	----	----	------	-------	------	------	------

[Terms & Conditions](#) | [Privacy](#) | [Investor Relations](#) | [Jobs](#) | [Site Map](#)  
[SuperServer®](#) | [Motherboard](#) | [Chassis](#) | [Rack Cabinet](#) | [SuperBlade®](#) | [Embedded](#) | [Networking](#) | [Storage](#) | [Accessories](#) | [AMD Solution](#) | [Power Supplies](#)

Copyright © 2012 Super Micro Computer, Inc.

Information in this document is subject to change without notice.

Other products and companies referred to herein are trademarks or registered trademarks of their respective companies or mark holders.