Thermal Components Matrix

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	B8 14-Blade Servers	LGA2011	Intel® Xeon® E5-2600 Series	104 x 90x 15	Screws & Springs for Narrow ILM	N/A	N/A
	SNK-P0050APA	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 Model, BKT-0050L-RN Included)	3,800	38.0
	SNK-P0048PSP	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 NarrowILM	N/A	N/A
	SNK-P0048P	X9 2U+ UP, DP Servers	LGA2011	Inte® Xeon® E5-2600 Series	90 x 90 x 64	Screws & Springs for Square ILM	N/A	N/A
	SNK-P0048APA	X9 2U+ UP, DP Servers	LGA2011 or LGA1356	Intel® Xeon® E5-2600 and E5-2400 Series	85 x 80 x 64	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 Twin™ 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-0046L included)	N/A	N/A
	SNK-P0046AA	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 Series	113 x 72 x 27	Screws & Springs	N/A	N/A
	SNK-P0041	X8, X9 1U DP Servers (X8DTL, X9DRL Front Heatsink)	LGA1366 LGA1356	Intel® Xeon® 5500, 5600, E5-2400 Series	90 x 90 x 27	Screws & Springs	N/A	N/A
	SNK-P0040APA	X8, X9 4U DP Servers 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-P0036AA	X8 2U+ UP Servers	LGA1366	Intel® Core™ 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® Core™ Processor 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-P0035APA	X8, X9 4U UP, DP Workstation and Desktop	LGA1366 LGA1356	Intel® Core™ Processor 3500, 3600, 5500, 5600, E5-2400, Core™ i7 Series	106 x 100 x 126	Screws, Springs, and Mounting Bracket (BKT-0062L 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-P0050APA	4U UP, DP Servers and Workstations	Socket G34 LGA1944	AMD Opteron™ 6100, 6200 Series	105 x93 x126	Screws, Springs, and Mounting Bracket (BKT-0050L-G34 Not Included)	3,800	38.0
	SNK-P0048APA	2U UP, DP Servers	Socket G34 LGA2107	AMD Opteron™ 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™ 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™ 6100, 6200 Series	113 x 72 x 26.5	Screws & Springs	N/A	N/A
	SNK-P0024APA	3U+ UP, DP Servers and Workstations	Socket C32 LGA2107	AMD Opteron™ 4100, 4200 Series	105 x 78 x 103	Screws & Springs	5,100	42.8
	SNK-P0023P+	2U, 4U MP Servers	Soket F LGA1207	AMD Opteron™ 8000 Series	98 x 74 x 62	Screws & Springs	N/A	N/A
	SNK-P0023P	2U+ DP Server	Socket C32 LGA1207	AMD Opteron™ 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™ 4100, 4200 Series	98 x 74 x 27	Screws & Springs	N/A	N/A

System Fans

Part Number	Application	Dimension (mm) L	W	H	Rated Current (A)	Fan Speed (RPM)	Air Flow (CFM)	Static Pressure (H2O)	Noise (dBA)
FAN-0139L4	SC827, SC217(Rear)	60	60	38	1.10	13,000	56.5	2.19	61.5
FAN-0139L4	SC747 (Passive cooling GPU)	92	92	38	2.24	7,500	155.0	1.31	60.0
FAN-0137L4	SC827, SC217,(Option, High Performance)	80	80	38	1.20	10,500	100.6	1.92	60.0
FAN-0136L4	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	33	1.35	9,000	39.0	2.26	59.0
FAN-0134L4	SC829	60	60	38	1.10	13,000	56.5	2.19	61.5
FAN-0133L4	SC936 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-0128L4	SC826, SC217	80	80	38	0.60	7,000	72.5	1.09	53.5
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 (BOD)	80	80	27	1.40	9,500	100.0	1.77	61.0
FAN-0122L4	SC745 (Middle)	92	92	38	3.60	8,000	151.4	1.54	71.0
FAN-0121L4	SC745 (Middle)	92	92	38	2.40	8,000	151.4	1.54	71.0
FAN-0119L4	SC219, SC829 (Redundancy)	80	80	38	0.80	6,500	39.4	0.91	53.0
FAN-0118L4	SC837D-R1400	80	80	38	1.40	9,500	100.0	1.77	61.0
FAN-0117L4	SC818D, SC118D (Passive Cooling GPU)	40	40	56	1.80	17,000[Inlet] / 13,000[Outlet]	33.5	2.61	65.0
FAN-0116L4	SC745TQ-R1400 (Rear)	80	80	38	0.90	8,200	85.5	1.37	57.5
FAN-0115L4	SC745TQ-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	SC826 (Option)	80	80	38	0.60	7,000	72.5	1.09	53.5
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	15,550[Inlet] / 11,600[Outlet]	21.8	1.59	56.0
FAN-0109L4	SC846	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	SC836	80	80	38	0.60	7,000	72.5	1.09	53.5
FAN-0106L4	SC111, SC119M	40	40	28	0.14	8,500	16.3	0.85	44.0
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	2,600	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	SC515, 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-0098L4	SC826	80	80	38	0.60	7,000	72.5	1.09	53.5
FAN-0095L4	SC846	80	80	38	1.10	6,300	90.0	0.85	51.0
FAN-0094L4	SC823, 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, SC813M	40	40	56	0.70	12,000 / 8,900	23.0	1.20	56.0
FAN-0087L4	SC512, SC512L, SC813	40	40	28	0.12	8,500 / 6,000	12.0	0.38	34.0
FAN-0086L4	SC825, SC515, SC825M	40	40	56	0.80	12,000 / 9,000	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-0080L4	Mobile Rack CSE-M28	80	80	38	0.60	7,000	72.5	1.09	53.5
FAN-0083L4	SC813	40	50	38	0.54	10,500 / 10,100	23.1	0.70	57.5
FAN-0082L4	SC743, SC745, SC748	80	80	38	0.58	5,000	84.3	0.40	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	0.60	4,000	148.3	0.60	51.0
FAN-0076L4	SC733 (Middle)	120	120	38	0.60	4,000	148.3	0.60	51.0
FAN-0074L4	SC743	80	80	38	0.58	5,000	84.3	0.40	45.0
FAN-0045L4	SC813MTQ, SC113MTQ	40	40	28	0.45	13,000	23.1	1.07	52.5
FAN-0064L4	SC933, SC931	92	92	32	0.55	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, SC933, SC835, SC836, SC933, SC836	80	80	32	0.55	5,000	59.1	0.49	47.0
FAN-0061L4	SC512, SC512L, SC513, 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	0.21	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-0044L4	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-0035L4	SC512, SC811, SC812L, SC813	97	94	33	0.69	3,200	28.3	0.95	53.5

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