








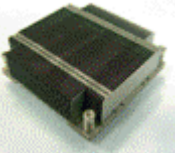













# Thermal Components Matrix










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Heatsink								
Intel® DP and MP Systems								
Photo	Part Number	Application	Socket Type	CPU Support	Dimension L x W x H (mm)	Mounting Method	Fan Speed (RPM)	Noise (dBA)
	SNK-P1036P	TwinBlade™ Server Rear-left Heatsink	LGA1366	Xeon® Processor 5500 and 5600 Series	90 x 90 x 27	Screw and Spring	N/A	N/A
	SNK-P1035P	TwinBlade™ Server Rear-right Heatsink	LGA1366	Xeon® Processor 5500 and 5600 Series	90 x 90 x 27	Screw and Spring	N/A	N/A
	SNK-P1034P	TwinBlade™ Server Front Heatsink	LGA1366	Xeon® Processor 5500 and 5600 Series	90 x 90 x 27	Screw and Spring	N/A	N/A
	SNK-P0045P	2U+ MP Servers	LGA1567	Xeon® Processor 7500 Series	113 x 72 x 65	Screw and Spring	N/A	N/A
	SNK-P0044P	1U MP Servers	LGA1567	Xeon® Processor 7500 Series	113 x 72 x 27	Screw and Spring	N/A	N/A
	SNK-P0041	1U DP Server (X8DTL Front CPU HS)	LGA1366	Xeon® Processor 5500 and 5600 Series	90 x 90 x 27	Screw and Spring	N/A	N/A
	SNK-P0040AP4	4U DP Workstation	LGA1366	Xeon® Processor 5500 and 5600 Series	106 x 100 x 126	Screw and Spring	2,400	25.0
	SNK-P0038PS	2U Twin™ Servers	LGA1366	Xeon® Processor 5500 and 5600 Series	90 x 90 x 64	Screw and Spring	N/A	N/A

	SNK-P0038P (Rev. A & B)	2U+ DP Server	LGA1366	Xeon® Processor 5500 and 5600 Series	90 x 90 x 64	Screw and Spring	N/A	N/A
	SNK-P0037P (Rev. A1 & B1)	1U DP or UP	LGA1366	Xeon® Processor 5500 and 5600 Series	90 x 90 x 27	Screw and Spring	N/A	N/A
	SNK-P0034AP4	4U DP Workstation	LGA771	Xeon® Processor 5000 Series	89 x 80 x 139	Screw and Spring	2,800	24.0
	SNK-P0034P	10-Blade Server	LGA1366	Xeon® Processor 5500 and 5600 Series	90 x 90 x 25	Screw and Spring	N/A	N/A
	SNK-P0033P	14-Blade Server	LGA1366	Xeon® Processor 5500 and 5600 Series	95 x 105 x 15.9	Screw and Spring	N/A	N/A
	SNK-P0032P	14-Blade Server	LGA771	Xeon® Processor 5000 Series	99 x 117 x 16	Screw and Spring	N/A	N/A
	SNK-P0030P	10-Blade Server	LGA771	Xeon® Processor 5000 Series	89 x 117 x 27	Screw and Spring	N/A	N/A
	SNK-P0029P	2U+ MP Server	mPGA604	Xeon® Processor 7000 Series	94 x 67 x 66	Screw and Spring	N/A	N/A
	SNK-P0028P	1U MP Server	mPGA604	Xeon® Processor 7000 Series	94 x 67 x 25.6	Screw and Spring	N/A	N/A
	SNK-P0025P	2U+ DP Server	LGA771	Xeon® Processor 5000 Series	89 x 79 x 50	Screw and Spring	N/A	N/A
	SNK-P0020A4	3U+ DP Server	LGA771	Xeon® Processor 5000 Series	89 x 76 x 82	Screw and Spring	5,000	44.3
	SNK-P0018	2U+ DP Server	LGA771	Xeon® Processor 5000 Series	89 x 79 x 52	Screw and Spring	N/A	N/A
	SNK-P0017 (Rev. A & B)	1U DP Server	LGA771	Xeon® Processor 5000 Series	89 x 79 x 27	Screw and Spring	N/A	N/A

	SNK-P0046P (Rev. B & C)	1U UP Server	LGA1156	Xeon® Processor 3400, and Core™ i3, i5, i7 Series	95 x 95 x 27	Screw Spring, and Back Plate	N/A	N/A
	SNK-P0046A4	2U+ UP Server	LGA1156	Xeon® Processor 3400, and Core™ i3, i5, i7 Series	90 x 90 x 70.7	Push-in Pin	2,800	33.5
	SNK-P0036A4	2U+ UP Server	LGA1366	Xeon® Processor 3500, 3600, and Core™ i7 Series	90 x 90 x 68	Screw, Spring, and Back Plate	4,200	45.0
	SNK-P0036	1U UP Server	LGA1366	Xeon® Processor 5500 and 5600 Series	90 x 90 x 27	Screw, Spring, and Back Plate	N/A	N/A
	SNK-P0035AP4	4U UP or DP Workstation / Desktop	LGA775 and LGA1366	Xeon® Processor 3000, 3500, 3600, Core™ 2, i7, and Pentium® Series	106 x 100 x 126	Screw, Spring, and Back Plate	2,400	25.0
	SNK-P0032A4	1U UP Server	LGA775	Xeon® Processor 3000 Series, Core™ 2, and Pentium®	101 x 103 x 28	Screw, Spring, and Back Plate	5,000	49.8
	SNK-P0016P	1U UP Server	LGA775	Xeon® Processor 3000 Series, Core™ 2, and Pentium®	95 x 95 x 27	Screw, Spring, and Back Plate	N/A	N/A
	SNK-P0016	1U UP Server	LGA775	Xeon® Processor 3000 Series, Core™ 2, and Pentium®	95 x 95 x 27	Screw, Spring, and Back Plate	N/A	N/A
	SNK-P0015A4	2U+ UP Server	LGA775	Xeon® Processor 3000 Series, Core™ 2, and Pentium®	90 x 90 x 65	Push-in Pin	4,200	45.0
AMD® DP and MP Systems								
	SNK-P1036P	TwinBlade™ Server Rear-left Heatsink	Socket G34 (LGA1944)	Opteron™ Processor 6100 Series	99 x 97 x 27	Screw and Spring	N/A	N/A
	SNK-P1035P	TwinBlade™ Server Rear-right Heatsink	Socket G34 (LGA1944)	Opteron™ Processor 6100 Series	99 x 97 x 27	Screw and Spring	N/A	N/A
	SNK-P1034P	TwinBlade™ Server Front Heatsink	Socket G34 (LGA1944)	Opteron™ Processor 6100 Series	99 x 97 x 27	Screw and Spring	N/A	N/A
	SNK-P0043P	2U+ DP and MP Servers	Socket G34 (LGA1944)	Opteron™ Processor 6100 Series	113 x 72 x 62.5	Screw and Spring	N/A	N/A

										
	SNK-P0042P (Rev. A & B)	1U DP and MP Servers	Socket G34 (LGA1944)	Opteron™ Processor 6100 Series	113 x 72 x 26.5	Screw and Spring	N/A	N/A		
	SNK-P0031P	10-Blade Server	Socket F (1207)	Opteron™ Processor 2000 and 8000 Series	100 x 90 x 26	Screw and Spring	N/A	N/A		
	SNK-P0024AP4	3U+ DP Workstation	Socket F and C32 (LGA1207)	Opteron™ Processor 2000, 4100, and 8000 Series	105 x 78 x 103	Screw and Spring	5,100	42.8		
	SNK-P0023P+	2U and 4U MP Servers	Socket F and C32 (LGA1207)	Opteron™ Processor 2000, 4100, and 8000 Series	98 x 74 x 62	Screw and Spring	N/A	N/A		
	SNK-P0023P	2U+ DP Server	Socket F and C32 (LGA1207)	Opteron™ Processor 2000, 4100, and 8000 Series	98 x 74 x 52	Screw and Spring	N/A	N/A		
	SNK-P0022+	1U DP and MP Servers	Socket F and C32 (LGA1207)	Opteron™ Processor 2000, 4100, and 8000 Series	98 x 74 x 27	Screw and Spring	N/A	N/A		
AMD® UP Systems										
	SNK-P0027AP4	3U+ UP Workstation / Desktop	Socket AM2	Opteron™ Processor 1000 Series	107 x 78 x 103	Screw, Spring, and Back Plate	5,100	42.8		
	SNK-P0026	1U UP Server	Socket AM2	Opteron™ Processor 1000 Series	112 x 86 x 27	Screw, Spring, and Back Plate	N/A	N/A		

Fan											
Part Number	Application	Dimension (mm)			Rated Current (A)	Fan Speed (RPM)	Air Flow (CFM)	Static Pressure (in.H2O)	Noise (dBA)		
		L	W	H							
FAN-0119L4	SC219, SC829 Redundant Fan	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 (Left)	40	40	56	1.80	17,000 / 13,000	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	80	80	38	1.40	9,500	100.0	1.77	61.0		
FAN-0110L4	SC808-780	40	40	56	0.70	15,500 / 11,600	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-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

