



# Standard Desktop Cooler Comparison Chart

Intel®	<b>DI4-8JD3B-0L-GP</b>	<b>CI5-9IDSP-PL-GP</b>	<b>CI5-9HDSF-PL-GP</b>	<b>CI5-9HDSF-0L-GP</b>	<b>DI5-9HDSF-PL-GP</b>	<b>DI5-9HDSF-0L-GP</b>	<b>DI5-9HDSL-0L-GP</b>	<b>DI5-9HDSL-P3-GP</b>	
Part Number									
Socket Type	478	LGA 775	LGA 775	LGA 775	LGA 775	LGA 775	LGA 775	LGA 775	
CPU Application	Pentium® 4 Northwood 3.2GHz Pentium® 4 Prescott 3.2GHz Celeron® D 3.46GHz	Pentium® 4 Prescott 3.8 GHz(115W) Celeron® D 3.46 GHz (84W) Pentium® D Presler 3.6 GHz (95W) Core™ 2 Duo all series (65W) Core™ 2 Quad (130W)	Celeron® D all series Pentium® 4 3.8GHz and higher (115W) Core™ 2 Duo all series Conroe-L all series Core™ 2 Quad (95W)	Celeron® D Pentium® 4 3.8GHz and higher (115W) Conroe-L all series Core™ 2 Duo all series Core™ 2 Quad (95W)	Pentium® 4 3.8GHz and higher (115W) Core™ 2 Duo all series Conroe-L all series Celeron® all series	Pentium® 4 3.8GHz and higher (115W) Core™ 2 Duo all series Conroe-L all series Celeron® all series	Pentium® 4 3.8GHz and higher (115W) Core™ 2 Duo all series Conroe-L all series Celeron® all series	Celeron® all series Core™ 2 Duo all series Conroe-L all series	Pentium® 4 3.4GHz and higher Celeron® D 3.46GHz (84W) Conroe all series(65W) Conroe-L all series (35W) Core™ 2 Duo all series
Power consumption	95W	130W	130W	115W	65W	65W	65W	65W	
Dimension (W*L*H)	83*68*72 mm	100*100*83 mm	Ø 95*63 mm	Ø 95*63 mm	Ø 95*63 mm	Ø 95*63 mm	Ø 95*63 mm	Ø 95*60.5 mm	
3 pins or 4 pins	3 pins	4pins (PWM)	4pins (PWM)	4pins (PWM)	4pins (PWM)	3 pins	3 pins	4pins (PWM)	
Fan speed( rpm)	2200 ±10% rpm	800~4200 rpm	800~4200 rpm	2200 ±10% rpm	800~4200 rpm	2200 ±10% rpm	2200 ±10% rpm	800~2800 rpm	
Noise level(dB)	19 dBA (min.)	16 dBA (min.)	16 dBA (min.)	19 dBA (min.)	16 dBA (min.)	19 dBA (min.)	19 dBA (min.)	16 dBA (min.)	
Voltage_Rating(V)	DC 12V	DC 12V	DC 12V	DC 12V	DC 12V	DC 12V	DC 12V	DC 12V	
Current ( mA)	150	500	550	220	500	220	220	350	
Material	Alu (6063T5)	AL6063+CU(C1100)	AL6063+CU(C1100)	AL6063+CU(C1100)	AL(6063 T5)	AL(6063 T5)	AL(6063 T5)	AL(6063 T5)	
Fixation	Tool free clip	EZ screw	EZ screw	EZ screw	EZ screw	EZ screw	EZ screw	EZ screw	
Quantity per box	40	24	24	24	24	24	24	40	
Quantity per pallet	1600	1296	1296	1296	1296	1296	1440	1440	
Warranty	6 years	6 years	6 years	6 years	6 years	6 years	6 years	6 years	
Photo									
Intel®	<b>CI5-9IDSP-P1-GP</b>	<b>DI5-9GDPB-0L-GP</b>	<b>DI5-9GDPB-P1-GP</b>	<b>DI5-9GDPB-P3-GP</b>	<b>DI5-9FDPL-0L-GP</b>	<b>DI5-9FDPL-P3-GP</b>	<b>DI5-8GDPA-0L-GP</b>	<b>DI5-8E5PA-0L-GP</b>	
Part Number									
Socket Type	LGA 775	LGA 775	LGA 775	LGA 775	LGA 775	LGA 775	LGA 775	LGA 775	
CPU Application	Pentium® 4 prescott3.8 GHz(115W) Celeron® D- 3.46GHz (84W) Pentium® D Presler 3.6 GHz (95W) Core™ 2 Duo all series (65W) Core™ 2 Quad (130W)	Pentium® 4 3.8GHz and higher (115W) Core™ 2 Duo all series Conroe-L all series Celeron® all series	Celeron® D LGA775 all series Pentium® 4 3.8GHz and higher (115W) Core™ 2 Duo all series Conroe-L all series Core™ 2 Quad (95W)	Celeron®-D LGA775 all series Pentium® 4 3.8GHz and higher (115W) Core™ 2 Duo all series Conroe-L all series Core™ 2 Quad (95W)	Core™ 2 Duo all series Conroe-L all series Celeron® all series	Core™ 2 Duo all series Conroe-L all series Celeron® all series	Core™ 2 Duo all series Conroe-L all series Celeron® all series	Core™ 2 Duo all series Conroe-L all series Celeron® all series	
Power consumption	130W	95W	95W	95W	65W	65W	65W	65W	
Dimension (W*L*H)	Ø 95*76 mm	Ø 95*59.5 mm	Ø 95*59.5 mm	Ø 95*59.5 mm	Ø 95*52.4 mm	Ø 95*52.4 mm	Ø 97*55.0 mm	Ø 97*38.0 mm	
3 pins or 4 pins	4 pins (PWM)	3 pins	4 pins (PWM)	4 pins (PWM)	3 pins	4 pins (PWM)	3 pins	3 pins	
Fan speed( rpm)	800~4200 rpm	2200 ±10% rpm	800~3800 rpm	800~3800 rpm	2200 ±10% rpm	800~2800 rpm	3500 ±10% rpm	2800 ±10% rpm	
Noise level(dB)	16 dBA (min.)	19 dBA (min.)	16 dBA (min.)	16 dBA (min.)	19 dBA (min.)	16 dBA (min.)	25 dBA	22 dBA	
Voltage_Rating(V)	DC 12V	DC 12V	DC 12V	DC 12V	DC 12V	DC 12V	DC 12V	DC 12V	
Current ( mA)	600	220	450	280	150	280	280	280	
Material	AL6063+CU(C1100)	AL(6063 T5)	AL(6063 T5)	AL(6063 T5)	AL(6063 T5)	AL(6063 T5)	AL(6063 T5)	AL(6063 T5)	
Fixation	Push pins	Push pins	Push pins	Push pins	Push pins	Push pins	Push pins	Push pins	
Quantity per box	24	24	24	24	30	30	32	32	
Quantity per pallet	1296	1296	1296	1296	1800	1800	1296	1664	
Warranty	6 years	6 years	6 years	6 years	6 years	6 years	6 years	6 years	
Photo									
Intel®	<b>CP6-9HDSA-PL-GP</b>	<b>CP6-9HDSA-0L-GP</b>	<b>DP6-9HDSA-0L-GP</b>	<b>DP6-9EDSA-0L-GP</b>	<b>DP6-9HDSC-0L-GP</b>	<b>DP6-9EDSB-0L-GP</b>	<b>CP7-XHESB-PL-GP</b>	<b>CP7-9HDSA-PL-GP</b>	
Part Number									
Socket Type	LGA 1156	LGA 1156	LGA 1156	LGA 1156	LGA 1156	LGA 1156	LGA 1366	LGA 1366	
CPU Application	Core™ i7 Core™ i5 Core™ i3	Core™ i7 Core™ i5 Core™ i3	Core™ i7 Core™ i5 Core™ i3	Core™ i7 Core™ i5 Core™ i3	Core™ i7 Core™ i5 Core™ i3	Core™ i5 (For 82W ) Core™ i3 (For 73W )	Core™ i7 all series	Core™ i7 all series	
Power consumption	95W	95W	95W	82W & 73W	95W	82W & 73W	130W	130W	
Dimension (W*L*H)	Ø 105.3*65.5 mm	Ø 105.3*65.5 mm	Ø 105.3*65.5 mm	Ø 95*47.0 mm	Ø 95*47.0 mm	Ø 95*47.5 mm	107*107*74.0 mm	105*105*65.6 mm	
3 pins or 4 pins	4 pins (PWM)	3 pins	3 pins	3 pins	3 pins	3 pins	4 pins (PWM)	4 pins (PWM)	
Fan speed( rpm)	800~4200 rpm	2200 ±10% rpm	2200 ±10% rpm	2600 ±10% rpm	1800 ±10% rpm	2200 ±10% rpm	800~2800 rpm	800~4200 rpm	
Noise level(dB)	16 dBA (min.)	19 dBA (min.)	19 dBA (min.)	24.5 dBA	16 dBA	19 dBA	16 dBA (min.)	16 dBA (min)	
Voltage_Rating(V)	DC 12V	DC 12V	DC 12V	DC 12V	DC 12V	DC 12V	DC 12V	DC 12V	
Current ( mA)	540	150	150	220	120	160	500	540	
Material	AL6063+CU(C1100)	AL6063+CU(C1100)	AL (6063 T5)	AL (6063 T5)	AL (6063 T5)	AL (6063 T5)	AL6063+CU(C1100)	AL6063+CU(C1100)	
Fixation	EZ screw	EZ screw	EZ screw	EZ screw	EZ screw	EZ screw	EZ screw	EZ screw	
Quantity per box	24	24	24	24	24	32	24	24	
Quantity per pallet	1296	1296	1296	-	-	-	1152	-	
Warranty	6 years	6 years	6 years	6 years	6 years	6 years	6 years	6 years	
Photo									