

WELCOME TO THE WORLD OF COOL

Liquid Cooler | Air Cooler | OEM | Case Fan 



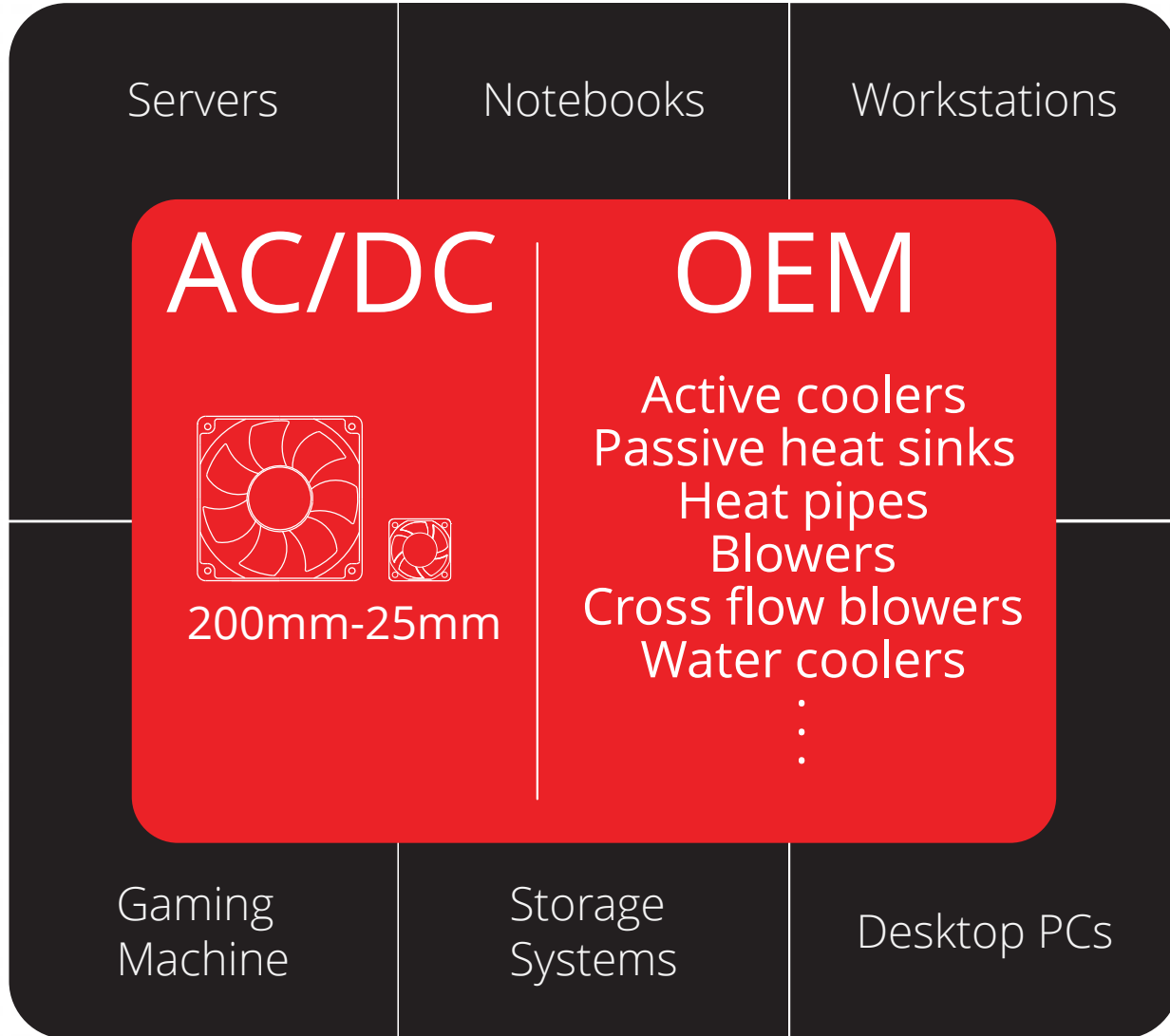
PRODUCTS



WHY DYNATRON



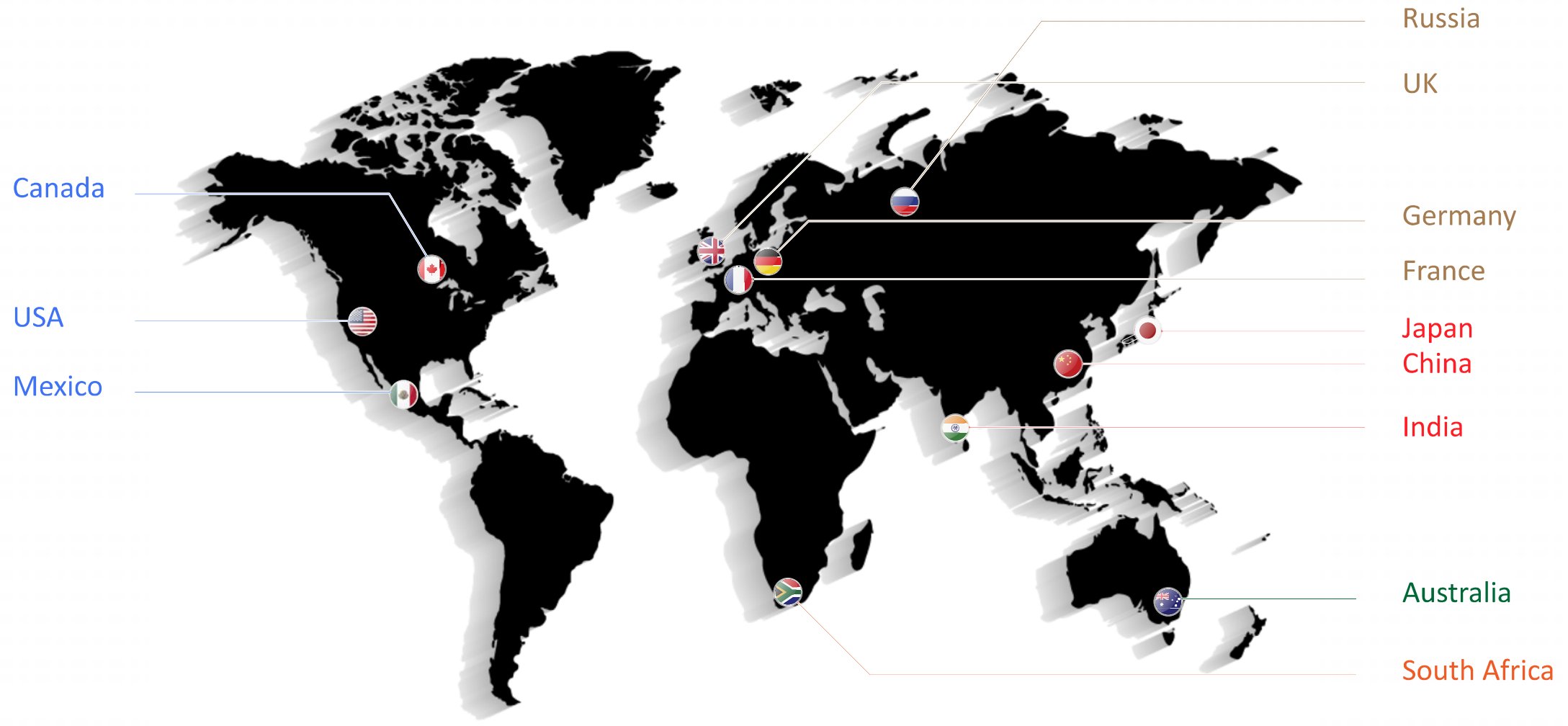
MISSION

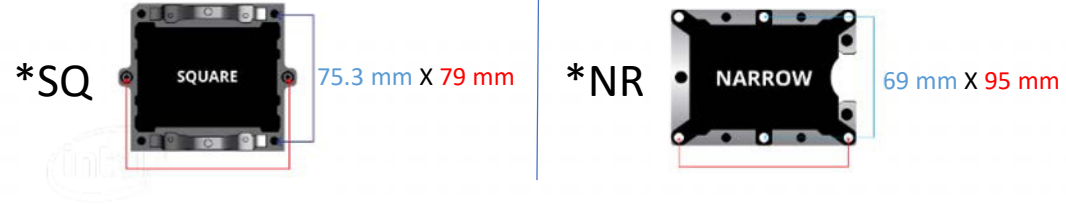


MicroFin[®] Technology





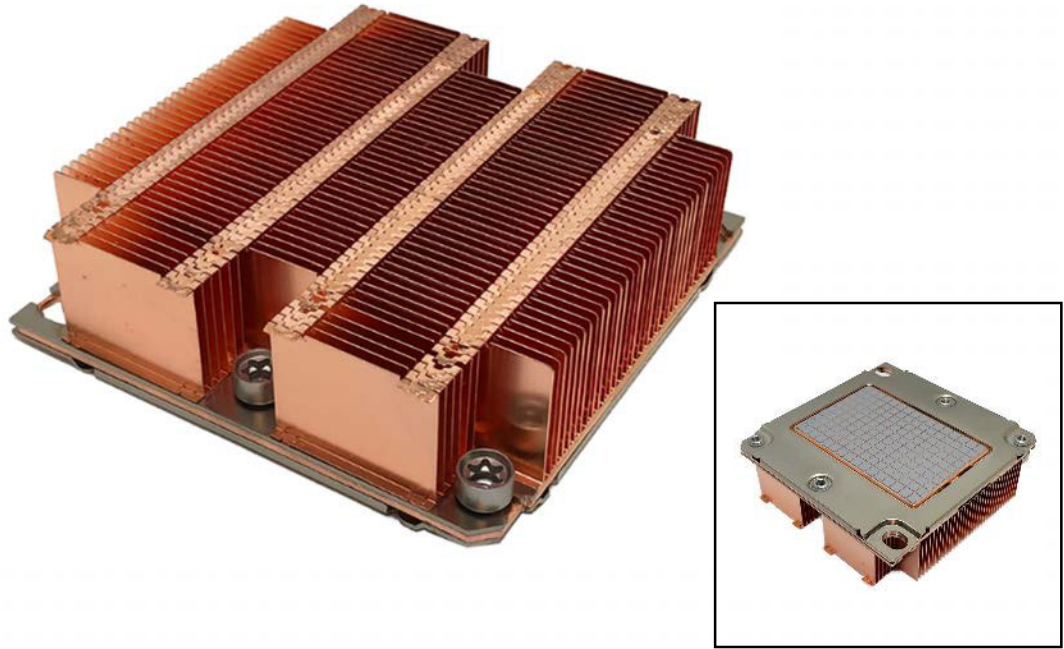




Intel Processor Product Series

Cooler Type	Application	LGA3647 [SQ]	LGA3647 [NR]	LGA2011/2066 [SQ]	LGA2011 [NR]	LGA115X	LGA4189
Air Cooling	1U	B6, B9	B4A/B21, B3/B16/B18	R15, R16/R18	R31/T318, R25	K129, K199, K2, T497	N1, N3
	2U	B12, B13	B5, B8	R5, R8, R30	R23, R14/R24	K618, K666/K650/K785/K5	N2, N5
	3U/4U /Workstation/Desktop	B14	B11	R17, R26	R27	K17/K985	N6
Liquid Cooling	1U & UP		L8	L3			
	3U/4U /Workstation/Desktop		L13				

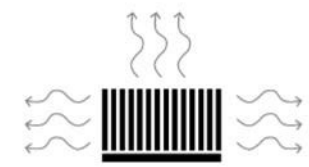
Thermal Performance: 0.177 °C/W
 Dimensions: 90.0 x 90.0 x 27 mm
 Weight: 420 g



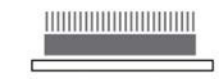
B6

Intel Xeon Platinum / Gold Family Processor, (Products formerly Skylake), Socket FCLGA3647, Square ILM, Copper Skived Fin Passive Heatsink with Vapor Chamber Base for 1U Server up to CPU power 205 Watts.

FEATURES



Optimal Cooling



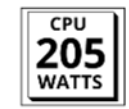
Vapor Chamber Base



Copper 1100 Skived Fin



1 U Server Up



Heat Dissipation



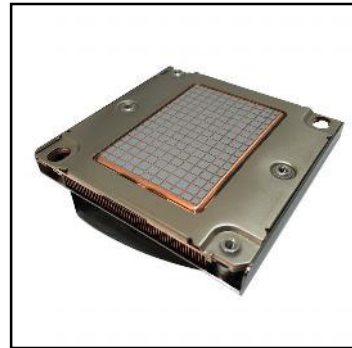
Shin-Etsu 7762 Pre-printed



Maintenance Free



Max. Speed: 5000 ± 10% RPM
Max. Air Flow : 19.0 CFM
Acoustics Level: 16 dBA – 46.4 dBA
Thermal Performance: 0.261 °C/W
Dimensions: 93 x 90.5 x 28 mm
Weight: 470 g



B9

Recommend for Intel® Xeon® Platinum / Gold Family Processor
 (Products formerly Skylake), Socket FCLGA3647 Square ILM Only,
 Copper1100 Heatsink with Vapor Chamber Base Active Cooler for
 1U Server and up, Ø90 x 15 mm 9015 Aluminum Frame PWM
 Blower for Heat Exhausting, Support CPU power up to 205 Watts
 heat dissipation.

FEATURES



Optimal Cooling



Vapor Chamber
Base



Copper 1100
Heatsink



1 U Server Up



Heat Dissipation



Shin-Etsu 7762
Pre-printed

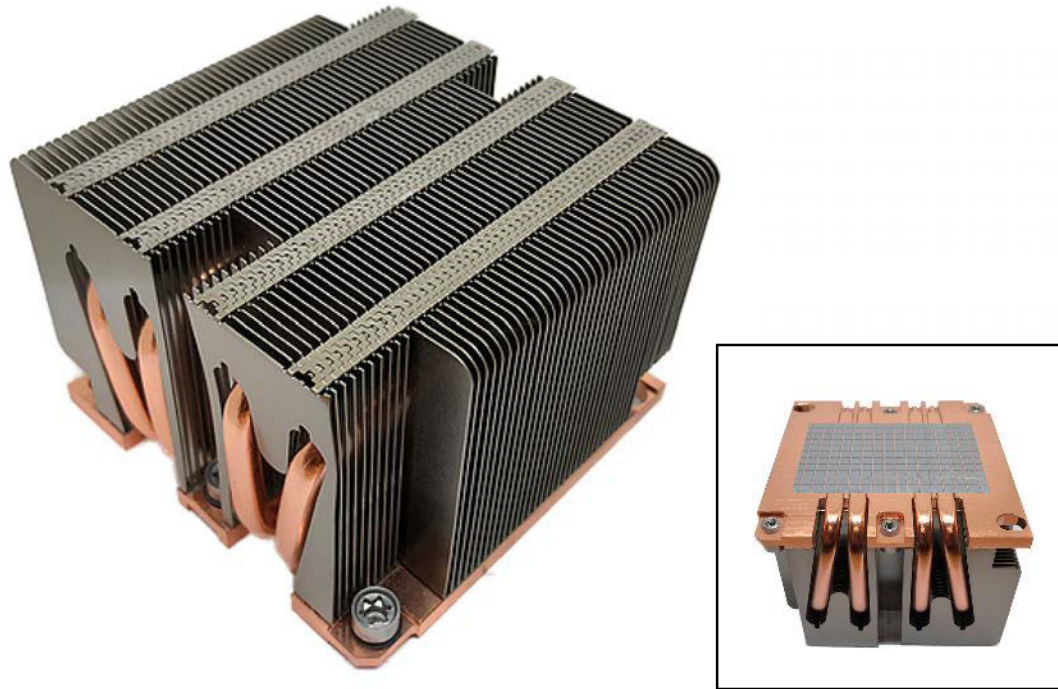


Energy Saving
(PWM Fan)



Long Life
(Double Ball)

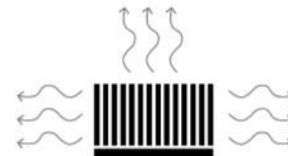
Thermal Performance: 0.156 °C/W
Dimensions: 90.0 x 90.0 x 64 mm
Weight: 590 g



B12

Aluminum Stacked fin soldered on Copper base with 4x Heat Pipes embedded for 2U server & up solution up to TDP 205 Watts heat dissipation.

FEATURES



Optimal Cooling



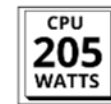
Copper base
4 X Heat Pipes



Aluminum
Stacked Fin



2 U Server Up



Heat Dissipation



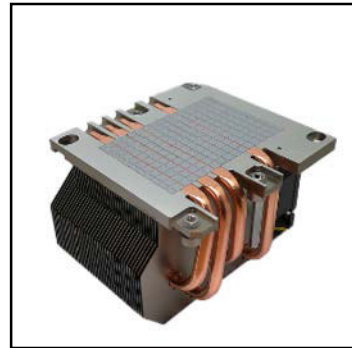
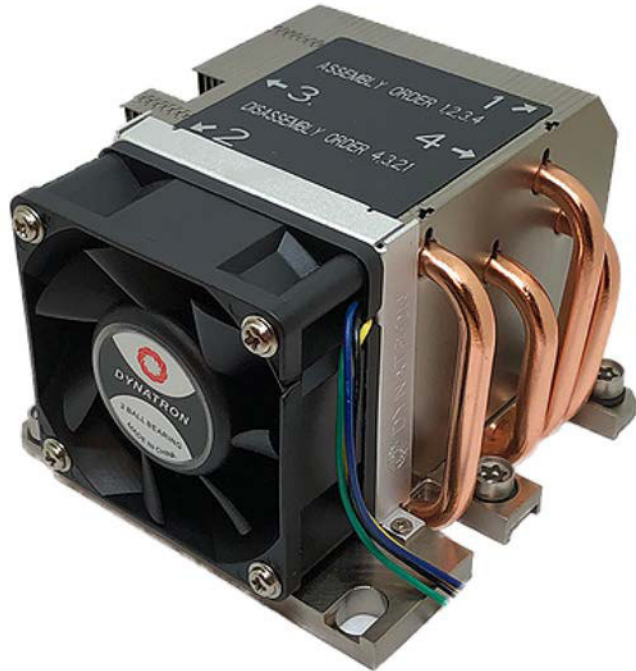
Shin-Etsu 7762
Pre-printed



Maintenance
Free



Max. Speed: 7000 ± 10% RPM
Max. Air Flow : 40.60 CFM
Acoustics Level: 16 dBA – 50 dBA
Thermal Performance: 0.184 °C/W
Dimensions: 108 x 80.0 x 66.0 mm
Weight: 430 g



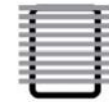
B13

Intel® Socket FCLGA3647 Square ILM 60x60x25mm PWM Fan, Aluminum heatsink with heat pipe embedded for 2U Server up to CPU power 205 Watts.

FEATURES



Optimal Cooling



Heatpipe Embedded



Aluminum Heatsink



2 U Server Up



Heat Dissipation



Shin-Etsu 7762 Pre-printed



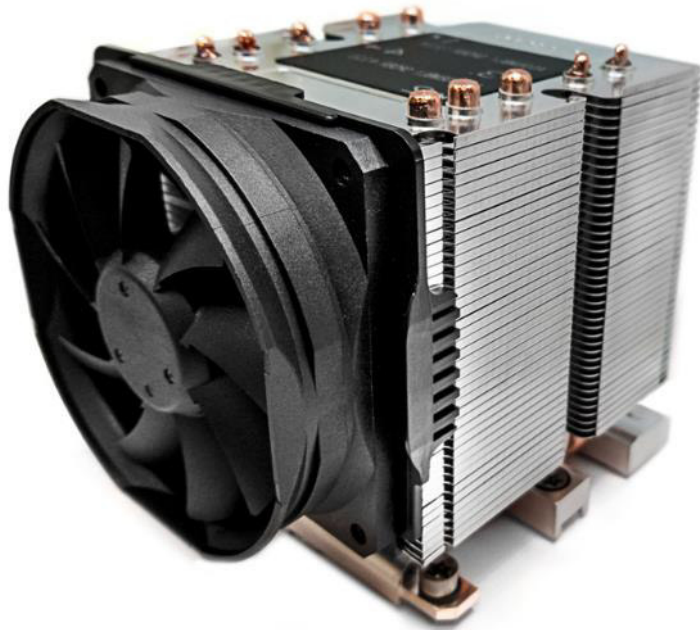
Energy Saving (PWM Fan)



Long Life (Double Ball)



Max. Speed: 4000 ± 10% RPM
Max. Air Flow : 50.0 CFM
Acoustics Level: 16 dBA – 46.2 dBA
Thermal Performance: 0.173 °C/W
Dimensions: 90.0 x 90.0 x 110.0 mm
Weight: 600 g



B14

Recommend for Intel® Xeon® Platinum / Gold Family Processor(Products formerly Skylake), Socket FCLGA3647 Square ILM , 80x80x25mm PWM Fan, Aluminum heatsink with heatpipe embedded for 3U Server up to CPU power 205 Watts.

FEATURES



Optimal Cooling



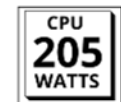
Heatpipe Embedded



Aluminum Heatsink



3 U Server Up



Heat Dissipation



Shin-Etsu 7762 Pre-printed

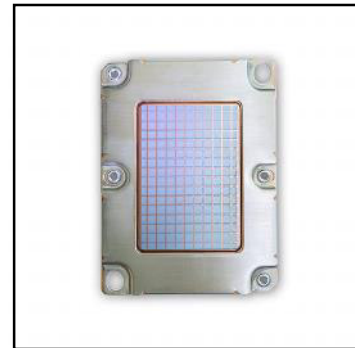
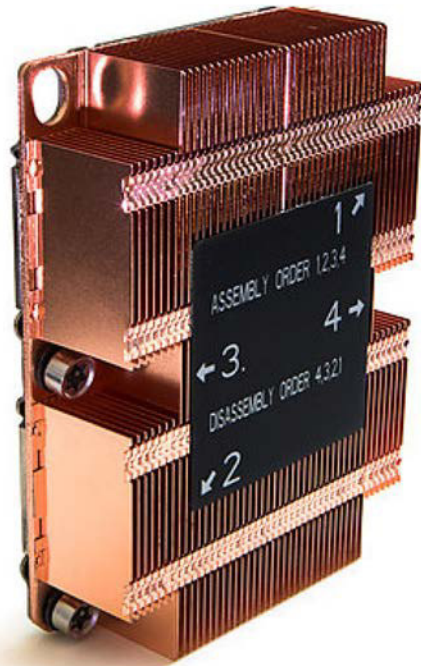


Energy Saving (PWM Fan)



Long Life (Double Ball)

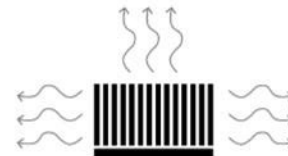
Thermal Performance: 0.147 °C/W
Dimensions: 108.0 x 81.0 x 27.0 mm
Weight: 480 g



B4A

Recommend for Intel® Xeon® Platinum / Gold Family Processor
 (products formerly Skylake), Socket FCLGA3647 Narrow ILM
 copper stacked fin with vapor chamber base heatsink for 1U
 Server up to CPU power 205 Watts.

FEATURES



Optimal Cooling



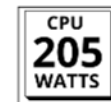
Vapor Chamber
Base



Copper 1100
Stacked Fin



1 U Server Up



Heat Dissipation



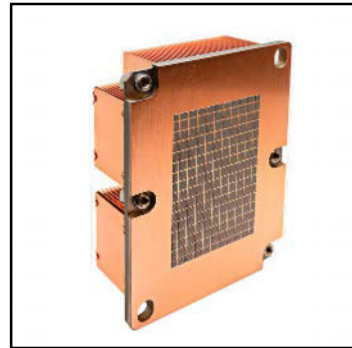
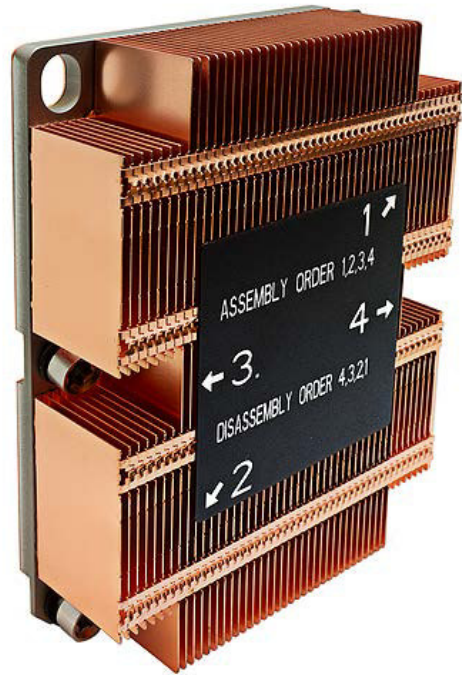
Shin-Etsu 7762
Pre-printed



Maintenance
Free



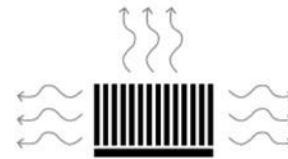
Thermal Performance: 0.153 °C/W
Dimensions: 108.0 x 81.0 x 27.0 mm
Weight: 480 g



B21

Recommend for Intel® Xeon® Platinum / Gold Family Processor(products formerly Skylake), Socket FCLGA3647 Narrow ILM copper stacked fin with heatpipe array base heatsink for 1U Server up to CPU power 205 Watts.

FEATURES



Optimal Cooling



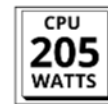
Heatpipe Array Base



Copper 1100 Stacked Fin



1 U Server Up



Heat Dissipation



Shin-Etsu 7762 Pre-printed



Maintenance Free











Max. Speed: 7000 ± 10% RPM
Max. Air Flow : 21.0 CFM
Acoustics Level: 16 dBA – 57.1 dBA
Thermal Performance: 0.260 °C/W
Dimensions: 107 x 80.5 x 28.0 mm
Weight: 460 g



B3

Intel® Socket FCLGA3647 Narrow ILM 80x15mm Aluminum PWM Blower Fan, Copper skiving heatsink for 1U Server up to CPU power 165 Watts.

FEATURES

 Optimal Cooling	 Aluminum PWM Blower	 Copper 1100 Heatsink	 1 U Server Up
 Heat Dissipation	 Shin-Etsu 7762 Pre-printed	 Energy Saving (PWM Fan)	 Long Life (Double Ball)

Max. Speed: 8000 ± 10% RPM
Max. Air Flow : 22.8 CFM
Acoustics Level: 25.6 dBA – 62 dBA
Thermal Performance: 0.235 °C/W
Dimensions: 108 x 81 x 28.0 mm
Weight: 500 g



B16

Recommend for Intel® Xeon® Platinum / Gold Family Processor(products formerly Skylake), Socket FCLGA3647 Narrow ILM Only. Active Cooler for 1U Server. Support CPU power up to 205 Watts heat dissipation.

FEATURES



Optimal Cooling



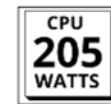
Vapor Chamber Base



Copper 1100 Heatsink



1 U Server Up



Heat Dissipation



Shin-Etsu 7762 Pre-printed



Energy Saving (PWM Fan)



Long Life (Double Ball)



Max. Speed: 8000 ± 10% RPM
Max. Air Flow : 22.8 CFM
Acoustics Level: 25.6 dBA – 62 dBA
Thermal Performance: 0.235 °C/W
Dimensions: 108 x 81.5 x 25 mm
Weight: 460 g



B18

Recommend for Intel® Xeon® Platinum / Gold Family Processor(products formerly Skylake), Socket FCLGA3647 Narrow ILM Only. Active Cooler for Blade Server and Up. Fully Support CPU Powered Heat Dissipation.

FEATURES



Optimal Cooling



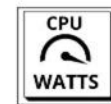
Vapor Chamber Base



Copper 1100 Heatsink



Blade Server



CPU Watts Fully Support



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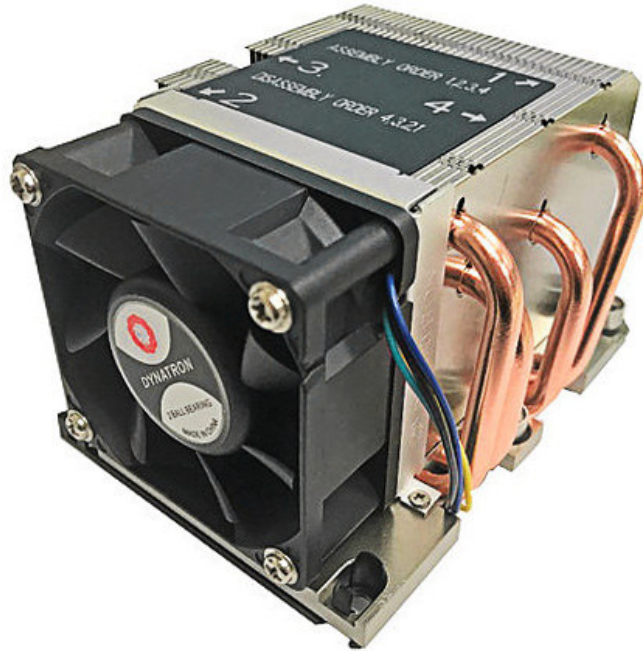


Energy Saving (PWM Fan)



Long Life (Double Ball)

Max. Speed: 7000 ± 10% RPM
Max. Air Flow : 40.60 CFM
Acoustics Level: 16 dBA – 50 dBA
Thermal Performance: 0.183 °C/W
Dimensions: 108 x 80 x 66.0 mm
Weight: 470 g



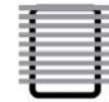
B5

Intel® Socket FCLGA3647 Narrow ILM 60x60x25mm PWM Fan,
 Aluminum heatsink with heatpipe embedded for 2U Server up to
 CPU power 205 Watts.

FEATURES



Optimal Cooling



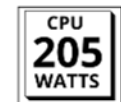
Heatpipe
Embedded



Aluminum
Heatsink



2 U Server Up



Heat Dissipation



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Energy Saving
(PWM Fan)



Long Life
(Double Ball)

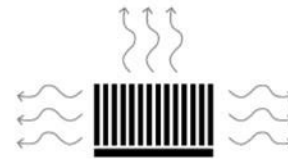
Thermal Performance: 0.15 °C/W
Dimensions: 108 x 80 x 64.0 mm
Weight: 600 g



B8

Aluminum Stacked fin soldered on Copper base with 4x Heat Pipes embedded for 2U server & up solution up to TDP 205 Watts heat dissipation.

FEATURES



Optimal Cooling



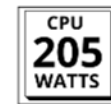
Copper base
4 X Heat Pipes



Aluminum
Stacked Fin



2 U Server Up



Heat Dissipation



Shin-Etsu 7762
Pre-printed



Maintenance
Free



Max. Speed: 4000 ± 10% RPM
Max. Air Flow : 50.0 CFM
Acoustics Level: 16 dBA – 46.2 dBA
Thermal Performance: 0.173 °C/W
Dimensions: 108.0 x 80.0 x 110.0 mm
Weight: 600 g



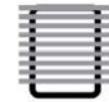
B11

Intel® Socket FCLGA3647 Narrow ILM 80x80x25mm PWM Fan, Aluminum heatsink with heatpipe embedded for 3U Server up to CPU power 205 Watts.

FEATURES



Optimal Cooling



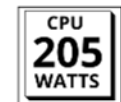
Heatpipe Embedded



Aluminum Heatsink



3 U Server Up



Heat Dissipation



Shin-Etsu 7762 Pre-printed



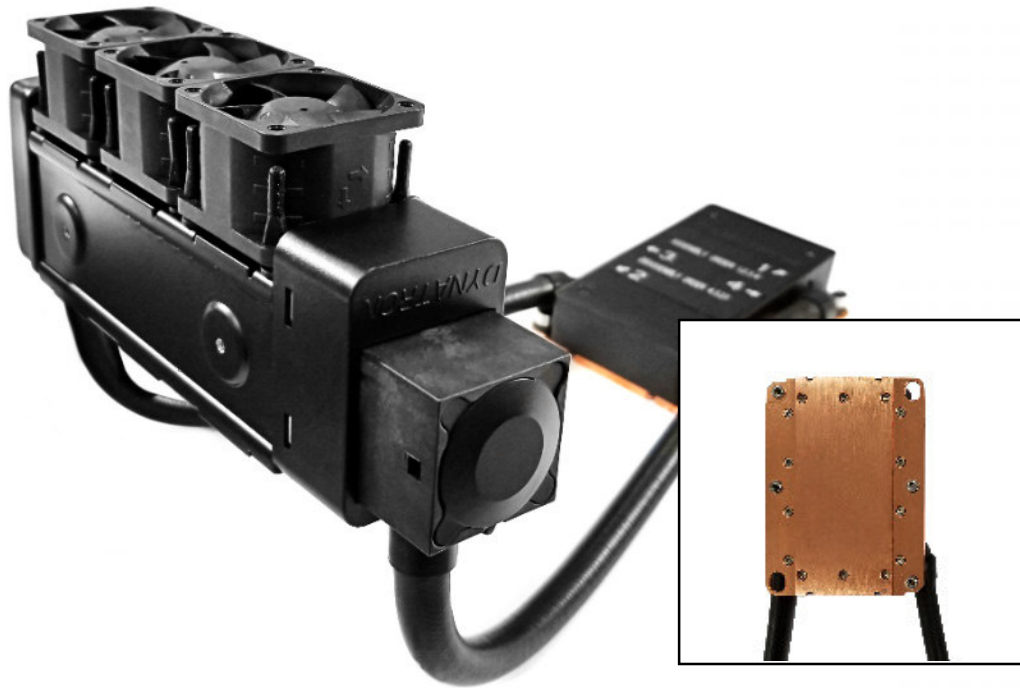
Energy Saving (PWM Fan)



Long Life (Double Ball)



Max. Speed: 12000 ± 10% RPM
Max. Air Flow : 24.84 CFM
Acoustics Level: 18.7 dBA – 52.8 dBA
Thermal Performance: 0.162 °C/W



L8

Expect maximum performance and high efficiency from Dynatron's L8 all-in-one 1U server liquid cooler. The power saving and noise reduction make for a compelling CPU cooling solution. Three 40x40x28mm PWM fans with maximum 12000rpm fan speed. Support CPU overclocking power mode up to 230 Watts heat dissipation.

FEATURES



Optimal Cooling



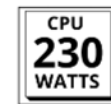
Copper Base Cold Plate



Easy to Install



1 U Server Up



Heat Dissipation



Energy Saving (PWM Fan)



Long Life (Double Ball)



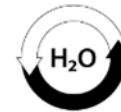
Max. Speed: 2300 ± 10% RPM
Max. Air Flow : 88.93 CFM
Acoustics Level: 17.3 dBA – 37.7 dBA
Thermal Performance: 0.102 °C/W



L13

Liquid Cooler for 4U Workstation, Recommend for Intel® Xeon® Platinum / Gold Family Processor, Socket FCLGA3647, Stand-alone Water Pump, with 12cm PWM , CPU Heat Dissipation 205 Watts and up.

FEATURES



Optimal Cooling



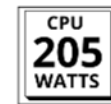
Copper Base Cold Plate



Easy to Install



4 U Server Up



Heat Dissipation

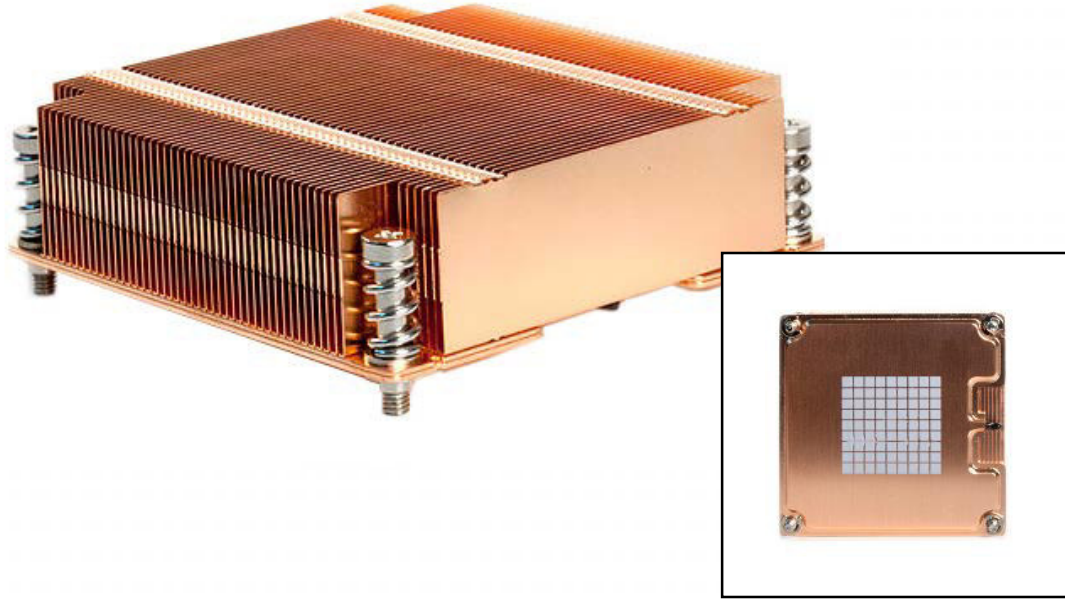


Energy Saving (PWM Fan)



Liquid State Bearing

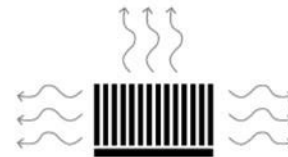
Thermal Performance: 0.211 °C/W
Dimensions: 90.0 x 90.0 x 27.0 mm
Weight: 435 g



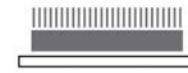
R15

Vapor chamber base with Copper stacked fin up to TDP 150 Watts for 1U server solution.

FEATURES



Optimal Cooling



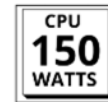
Vapor Chamber Base



Copper 1100 Skived Fin



1 U Server Up



Heat Dissipation



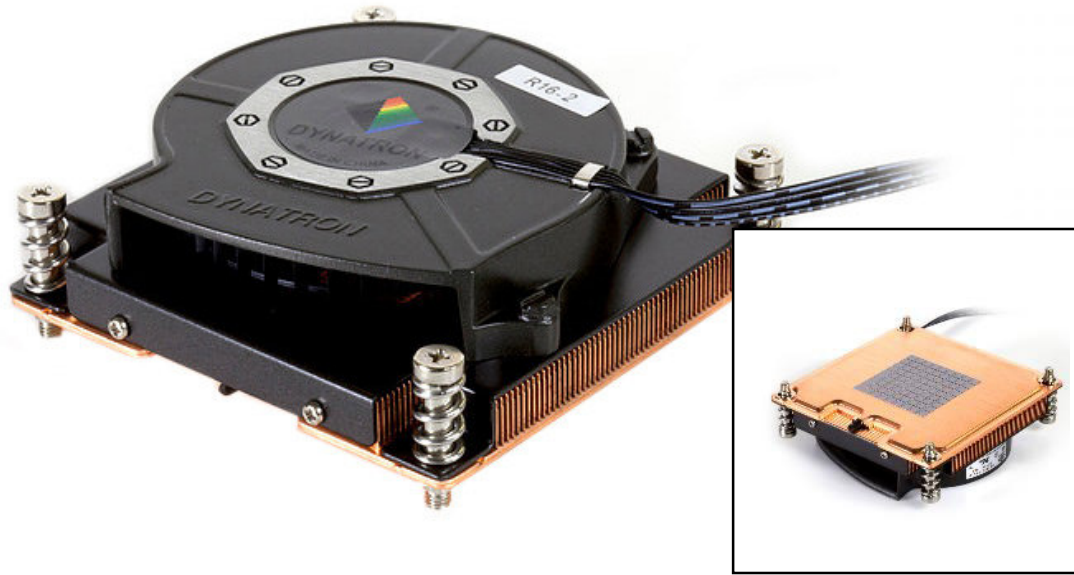
Shin-Etsu 7762 Pre-printed



Maintenance Free



Max. Speed: 6000 RPM
Max. Air Flow : 19.1 CFM
Acoustics Level: 21.5 dBA – 55.8 dBA
Thermal Performance: 0.2412 °C/W
Dimensions: 90.0 x 90.0 x 28.0 mm
Weight: 390 g



R16

Aluminum 80x80x15mm blower with PWM function, Vapor chamber base with Copper stacked fin up to TDP 150 Watts for 1U server solution.

FEATURES



Optimal Cooling



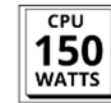
Vapor Chamber
Base



Copper 1100
Heatsink



1 U Server Up



Heat Dissipation



Shin-Etsu 7762
Pre-printed



Energy Saving
(PWM Fan)



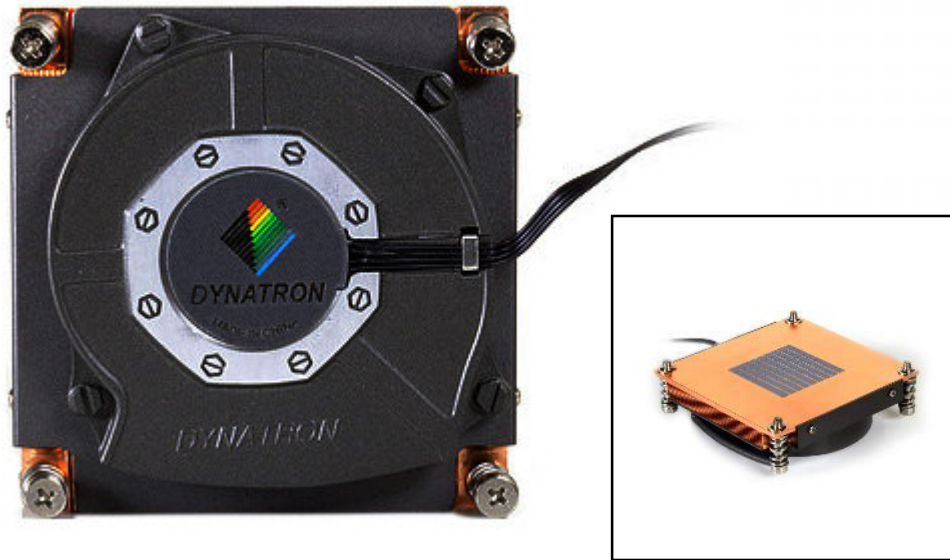
Long Life
(Double Ball)



Max. Speed: 6000 RPM
Max. Air Flow : 19.1 CFM
Acoustics Level: 21.5 dBA – 55.8 dBA
Thermal Performance: 0.268 °C/W
Dimensions: 90.0 x 90.0 x 27.0 mm
Weight: 480 g

R18

Aluminum 80x80x15mm blower with PWM function, Copper heatsink up to 95 Watts for 1U server solution.



FEATURES



Optimal Cooling



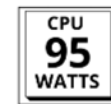
Aluminum
PWM Blower



Copper 1100
Heatsink



1 U Server Up



Heat Dissipation



Shin-Etsu 7762
Pre-printed



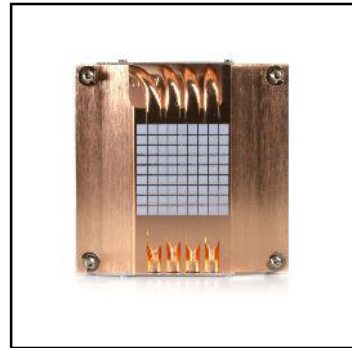
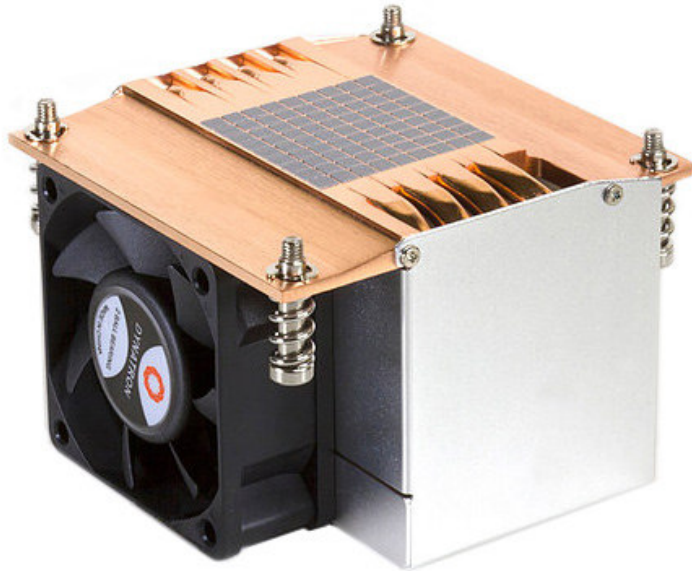
Energy Saving
(PWM Fan)



Long Life
(Double Ball)



Max. Speed: 8500 RPM
Max. Air Flow : 49.32 CFM
Acoustics Level: 19.32 dBA – 54.26 dBA
Thermal Performance: 0.162 °C/W
Dimensions: 91.5 x 91.5 x 66.0 mm
Weight: 590 g



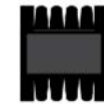
R5

60x60x25 mm Side-Blow Fan with PWM Function. Copper Base with H.C.C. (Heat pipe Contact CPU) Technology and Heatpipes Embedded for 2U&Up Server Solution. CPU Power up to 165 Watts.

FEATURES



Optimal Cooling



Copper Base
H.C.C.



Aluminum Fin
Heatpipe Embedded



2 U Server Up



Heat Dissipation



Shin-Etsu 7762
Pre-printed



Energy Saving
(PWM Fan)



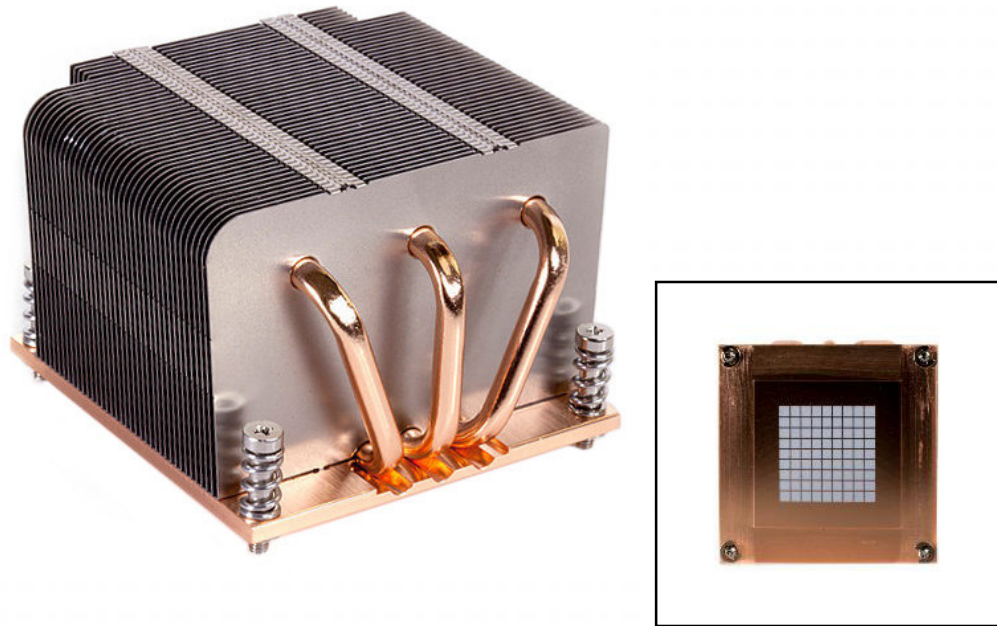
Long Life
(Double Ball)



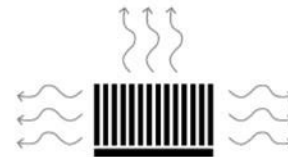
Thermal Performance: 0.191 °C/W
Dimensions: 90.0 x 90.0 x 64.0 mm
Weight: 490 g

R8

Copper Base with Aluminum Stacked Fin & Heatpipe for 2U&Up server, support cpu power up to 130 watts.



FEATURES



Optimal Cooling



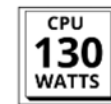
Copper Base
Cold Plate



Aluminum Fin
Heatpipe Embedded



2 U Server Up



Heat Dissipation



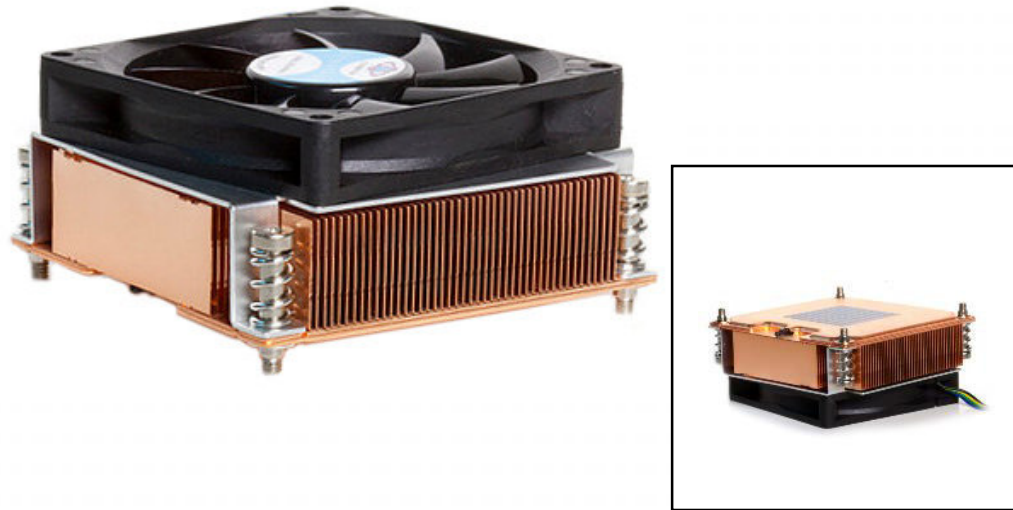
GE-Toshiba TIG830SP
Pre-printed



Maintenance
Free



Max. Speed: 4000 RPM
Max. Air Flow : 48.6 CFM
Acoustics Level: 17.0 dBA – 40.2 dBA
Thermal Performance: 0.21 °C/W
Dimensions: 90.0 x 90.0 x 41.5 mm
Weight: 480 g



R30

80x80x15mm fan with PWM function, Vapor chamber base with copper fin up to TDP 160 Watts for 2U server and Up solution.

FEATURES



Optimal Cooling



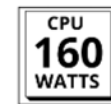
Vapor Chamber
Base



Copper
Heatsink



2 U Server Up



Heat Dissipation



Shin-Etsu 7762
Pre-printed



Energy Saving
(PWM Fan)



Long Life
(Double Ball)



Max. Speed: 2500 RPM
Max. Air Flow : 43.36 CFM
Acoustics Level: 17.0 dBA – 31.92 dBA
Thermal Performance: 0.193 °C/W
Dimensions: 90.0 x 90.0 x 110.0 mm
Weight: 530 g



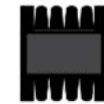
R17

Low-Noise 92x25mm PWM Fan, H.C.C.(Heatpipes Contact CPU)Technology for 3U and Workstation up to CPU power 165 Watts.

FEATURES



Optimal Cooling



Copper Base
H.C.C.



Aluminum Fin
Heatpipe Embedded



3 U Server Up



Heat Dissipation



Shin-Etsu G751
Pre-printed



Energy Saving
(PWM Fan)



Long Life
(Double Ball)





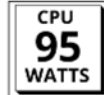



Max. Speed: 2500 RPM
Max. Air Flow : 43.36 CFM
Acoustics Level: 14.70 dBA – 29.85 dBA
Thermal Performance: 0.256 °C/W
Dimensions: 106.0 x 90.0 x 41.5 mm
Weight: 475 ± 5g



R26

Aluminum Extruded Radial Fin Heat Sink with Copper Inserted, 9225 top-down blowing Fan with PWM Function, Active Cooler for 3U Server & Up, Support CPU Power up to 95Watts Dissipation.

FEATURES

 <p>Optimal Cooling</p>	 <p>Copper Core</p>	 <p>Aluminum Extruded Radial Heatsink</p>	 <p>3 U Server Up</p>
 <p>Heat Dissipation</p>	 <p>Shin-Etsu G751 Pre-printed</p>	 <p>Energy Saving (PWM Fan)</p>	 <p>Long Life (Double Ball)</p>

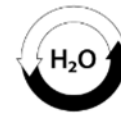
Max. Speed: 12000 ± 10% RPM
Max. Air Flow : 21.53 CFM
Acoustics Level: 25.9 dBA – 54.0 dBA
Thermal Performance: 0.168 °C/W



L3

Expect Maximum Performance and High Efficiency from Dynatron's L3 All-in-one Enclosed 1U Server Liquid Cooler. Saving Power and Reducing Noise. Three 40x40x28mm PWM fans with maximum 12000rpm fan speed. Support CPU TDP up to 165 Watts. Compatible with both Intel and AMD CPUs.

FEATURES



Optimal Cooling



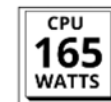
Copper Base Cold Plate



Easy to Install



1 U Server Up



Heat Dissipation



Energy Saving (PWM Fan)



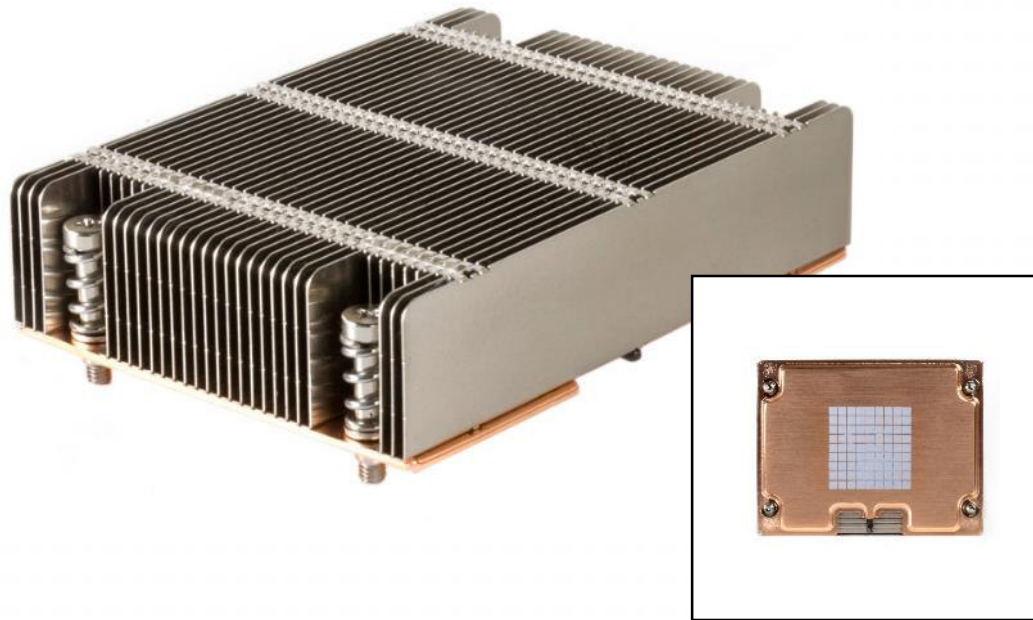
Long Life (Double Ball)



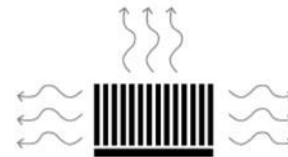
Thermal Performance: 0.178 °C/W
Dimensions: 106.0 x 82.0 x 27.0 mm
Weight: 225± 5 g

R31

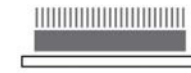
Vapor chamber base with Aluminum stacked fin up to TDP 165 Watts for 1U server solution.



FEATURES



Optimal Cooling



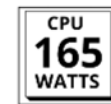
Vapor Chamber Base



Aluminum Stacked Fin



1 U Server Up



Heat Dissipation



Shin-Etsu 7762 Pre-printed



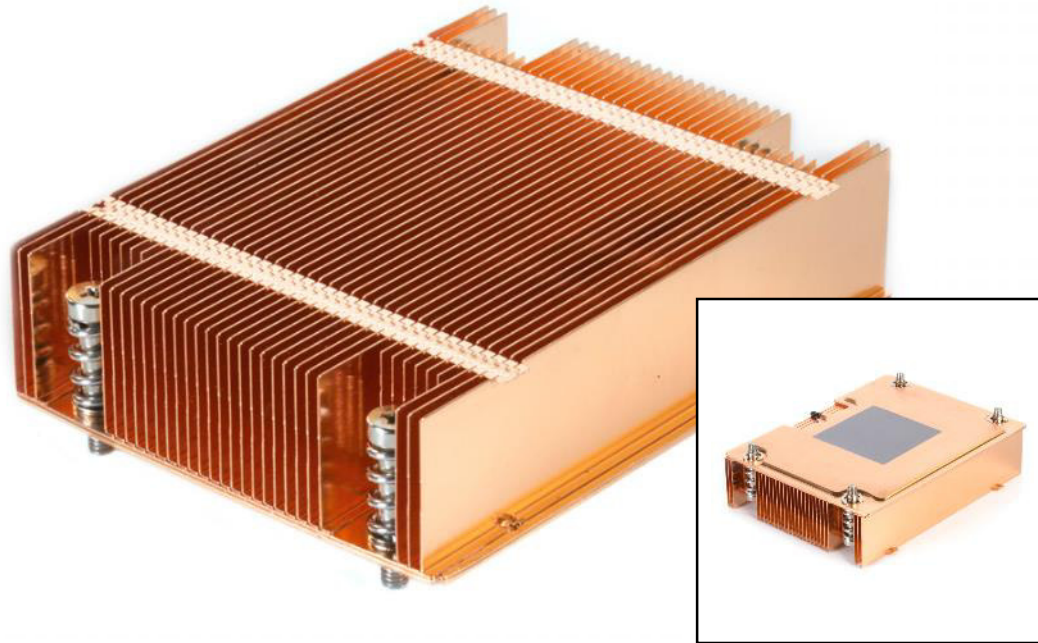
Maintenance Free



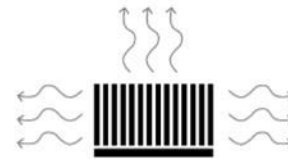
Thermal Performance: 0.178 °C/W
 Dimensions: 106.0 x 82.0 x 27.0 mm
 Weight: 435 g

T318

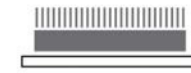
Vapor chamber base with Copper stacked fin for 1U server solution up to TDP 165 Watts.



FEATURES



Optimal Cooling



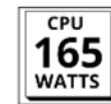
Vapor Chamber Base



Copper Stacked Fin



1 U Server Up



Heat Dissipation



Shin-Etsu 7762 Pre-printed



Maintenance Free



Max. Speed: 7000 RPM
 Max. Air Flow : 22.28 CFM
 Acoustics Level: 21.5 dBA – 59.14 dBA
 Thermal Performance: 0.232 °C/W
 Dimensions: 106.0 x 84.0 x 27.5 mm
 Weight: 470 g

R25

Aluminum 80x80x15mm blower with PWM function, Vapor chamber base with Copper stacked fin up to TDP 160 Watts for 1U server solution.

FEATURES



Optimal Cooling



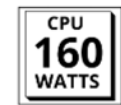
Vapor Chamber Base



Copper Stacked Fin



2 U Server Up



Heat Dissipation



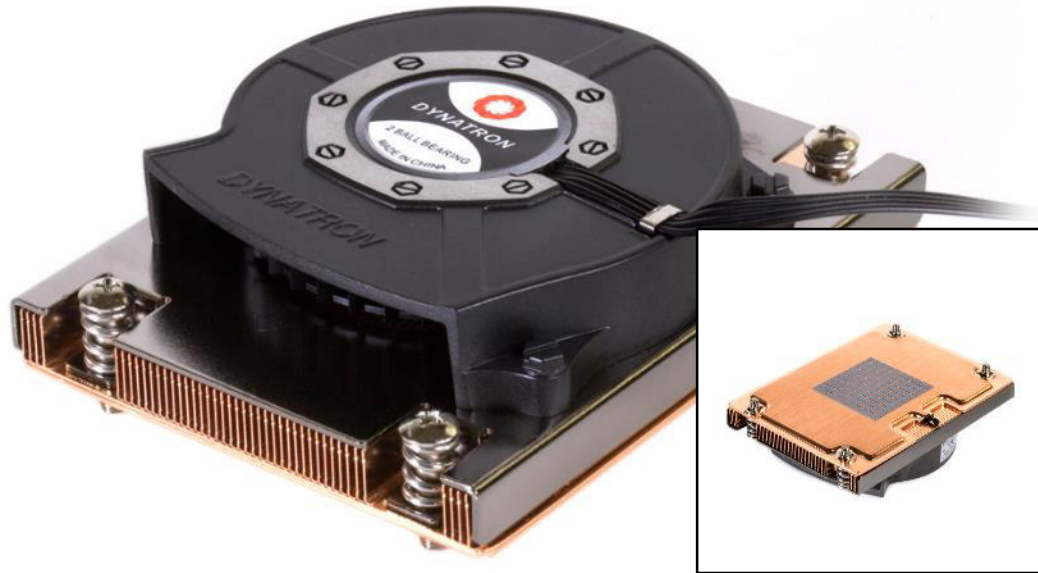
Shin-Etsu 7762 Pre-printed



Energy Saving (PWM Fan)



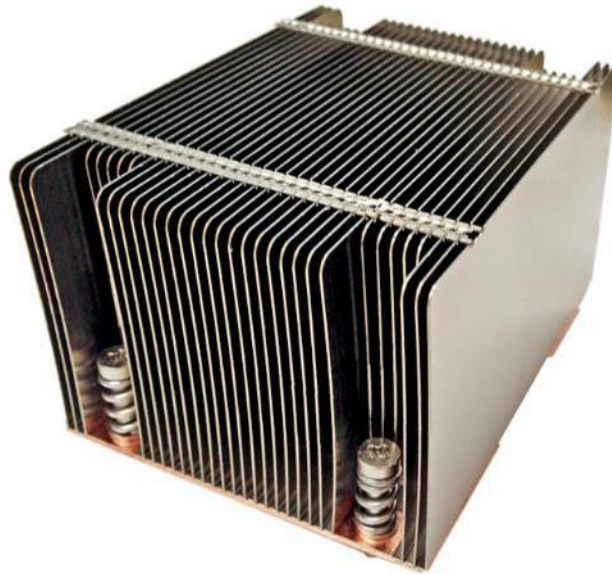
Long Life (Double Ball)



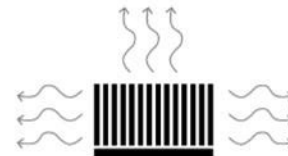
Thermal Performance: 0.178 °C/W
Dimensions: 106.0 x 82.0 x 62.0 mm
Weight: 370 g

R23

Vapor Chamber Base with Aluminum Stacked Fin for 2U&Up server, support cpu power up to 135 watts.



FEATURES



Optimal Cooling



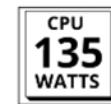
Vapor Chamber Base



Aluminum Stacked Fin



2 U Server Up



Heat Dissipation



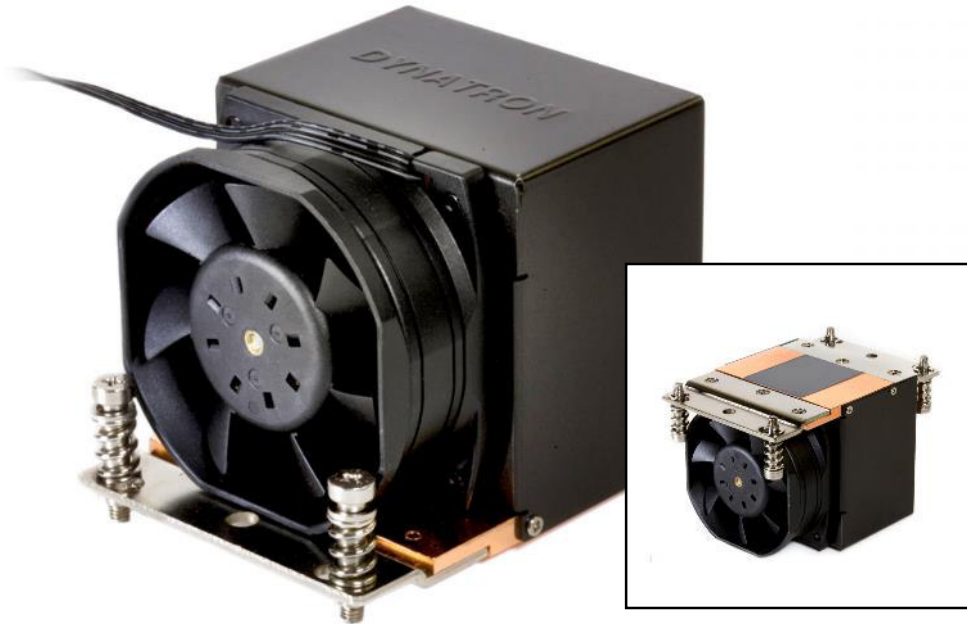
Shin-Etsu 7762 Pre-printed



Maintenance Free



Max. Speed: 7000 RPM
Max. Air Flow : 40.5 CFM
Acoustics Level: 16 dBA – 47.5 dBA
Thermal Performance: 0.222 °C/W
Dimensions: 60.0 x 60.0 x 28.0 mm
Weight: 660 g



R14

New innovation 60x60x28mm PWM fan, Copper heatsink support up to TDP 150 Watts for 2U Server and up.

FEATURES



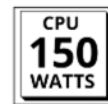
Optimal Cooling



Copper Stacked Fin



2 U Server Up



Heat Dissipation



Shin-Etsu G751 Pre-printed



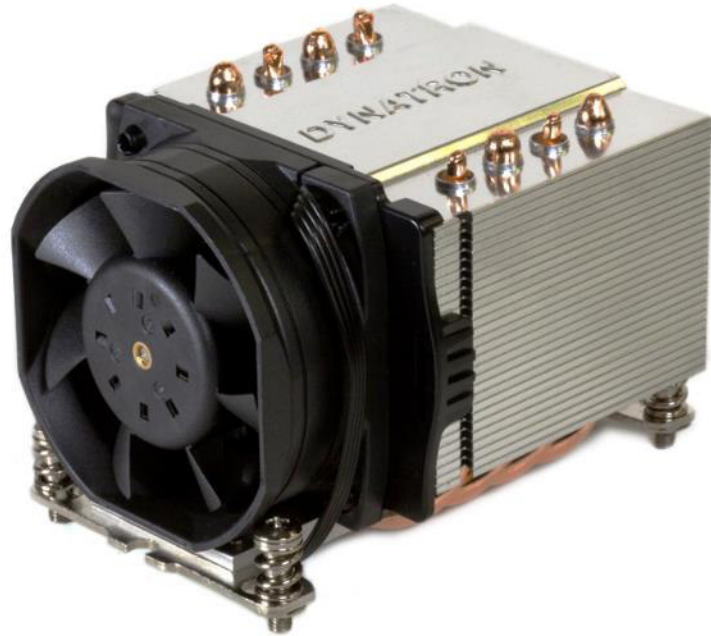
Energy Saving (PWM Fan)



Long Life (Double Ball)



Max. Speed: 7000 RPM
Max. Air Flow : 40.5 CFM
Acoustics Level: 16 dBA – 47.5 dBA
Dimensions: 60.0 x 60.0 x 28.0 mm
Weight: 400 g



R24

New innovation 60x60x28mm PWM fan, Aluminum fins with heatpipe directly contact CPU up to TDP 165 Watts for 2U Server & Up.

FEATURES



Optimal Cooling



H.C.C



Aluminum Stacked Fin



2 U Server Up



Heat Dissipation



Shin-Etsu G751 Pre-printed



Energy Saving (PWM Fan)



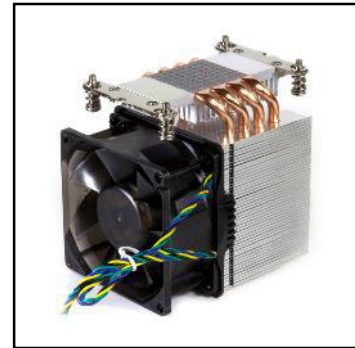
Long Life (Double Ball)



Max. Speed: 3800 RPM
Max. Air Flow : 65.4 CFM
Acoustics Level: 16.0 dBA – 43.4 dBA
Dimensions: 112.0 x 82.0 x 110.0 mm
Weight: 550 g

R27

80x80x38mm powerful fan with PWM function, HCC(Heatpipe Contact CPU) technology heatpipe CPU cooler up to TDP 165 Watts for 3U Server & Up, Workstation.



FEATURES



Optimal Cooling



H.C.C



Aluminum Stacked Fin



3 U Server Up



Heat Dissipation



Shin-Etsu G751 Pre-printed



Energy Saving (PWM Fan)



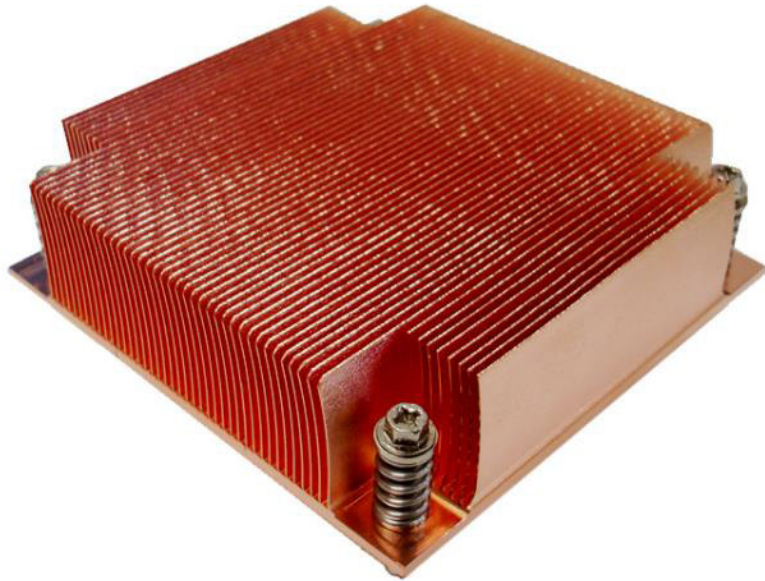
Long Life (Double Ball)



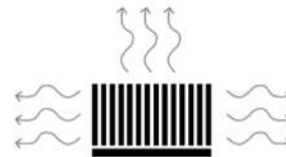
Thermal Performance: 0.261 °C/W
Dimensions: 90.0 x 90.0 x 26.5 mm
Weight: 490 g

K129

Passive Copper Heatsink for 1U Server up to CPU Power 95 Watts.



FEATURES



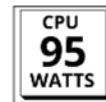
Optimal Cooling



Copper
Skiving Fins



1 U Server Up



Heat Dissipation



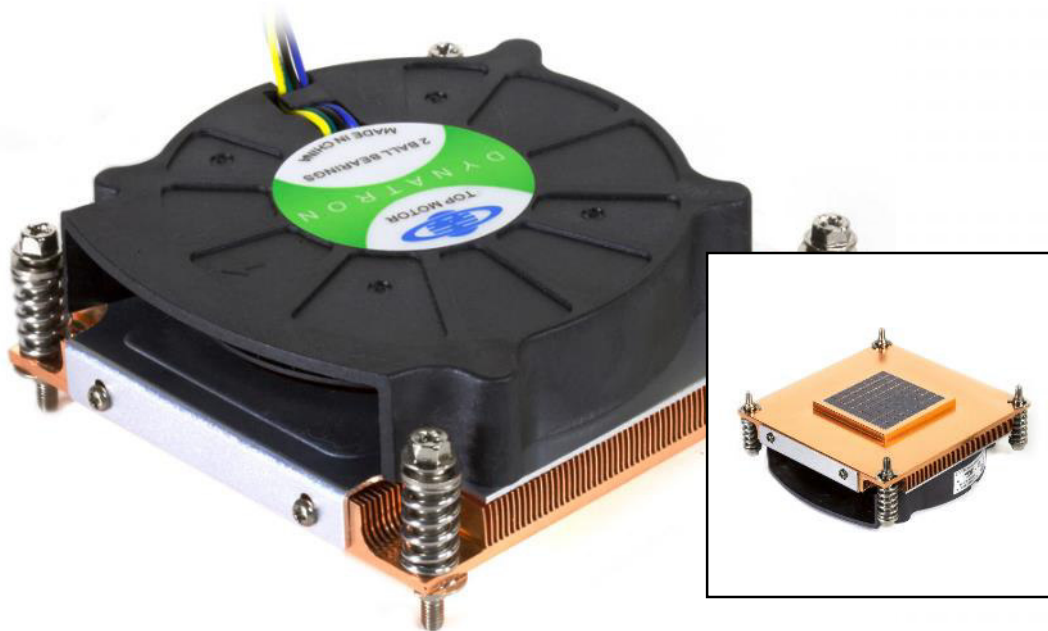
TIG830SP
Pre-printed



Maintenance
Free



Max. Speed: 5000 RPM
Max. Air Flow : 14.719 CFM
Acoustics Level: 20.71 dBA – 51.7 dBA
Thermal Performance: 0.29 °C/W
Dimensions: 85.0 x 81.5 x 28.5 mm
Weight: 355 g



K199

Recommend for Intel® Core™ i5 I5-750; Xeon® Processor 3400 Series; Core™ i7 Processors I7-870 & I7-860; Socket LGA1156. Ø80.0 x 15.0 mm blower with PWM function, Copper Heatsink up to TDP 95 Watts for 1U server solution.

FEATURES



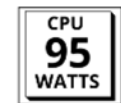
Optimal Cooling



Copper Skiving Fins



1 U Server Up



Heat Dissipation



TIG830SP Pre-printed



Energy Saving (PWM Fan)



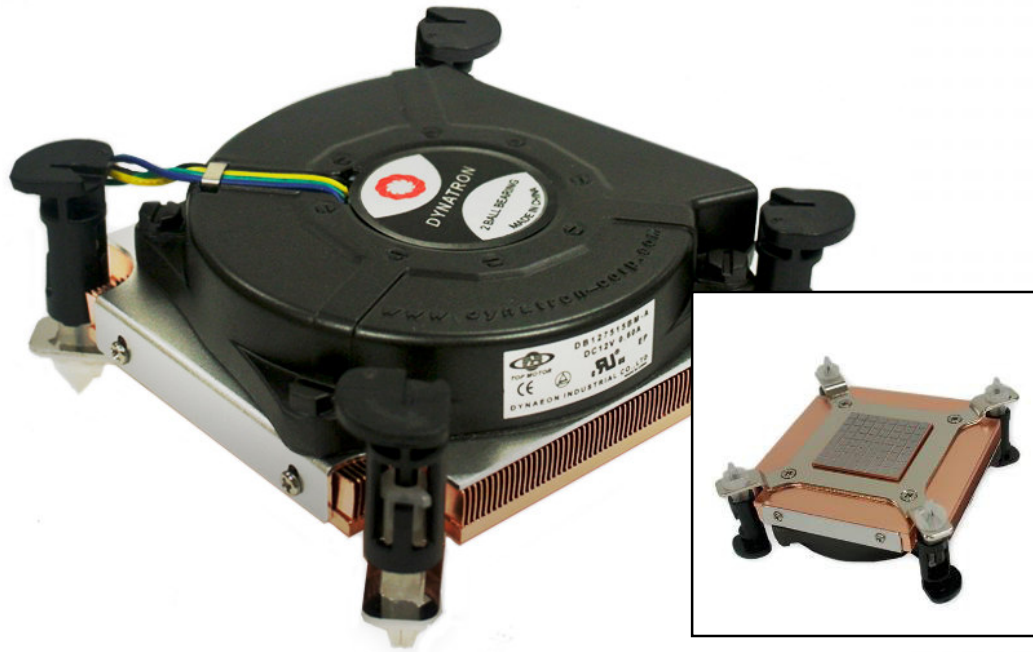
Long Life (Double Ball)



Max. Speed: 4000 RPM
Max. Air Flow : 11.9 CFM
Acoustics Level: 21.0 dBA – 44.0 dBA
Dimensions: 82.6 x 81.0 x 27.8 mm
Weight: 380 g

K2

Aluminum 75 x 75 x 15 mm PWM blower with Copper heatsink push-pin mounting type for Mini-ITX form factor up to TDP 73 Watts.



FEATURES



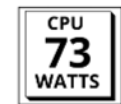
Optimal Cooling



Copper Heatsink



1 U Server Up



Heat Dissipation



TIG830SP Pre-printed



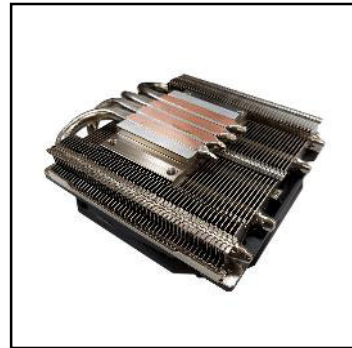
Energy Saving (PWM Fan)



Long Life (Double Ball)



Max. Speed: 3600 ± 10% RPM
Max. Air Flow : 40 CFM
Acoustics Level: 17.0 dBA – 35.8 dBA
Dimensions: 92 x 92 x 12 mm
Weight: 310 g



T497

Super slim active air cooler with high airflow PWM fan, Aluminum heatsink with 4 heatpipes embedded for blade/1U Server up to CPU power 100 Watts, Compatible with both Intel and AMD CPUs.

FEATURES



Optimal Cooling



H.C.C



Aluminum Stacked Fin



Blade/1U Server Up



CPU Watts Fully Support



TIG830SP Pre-printed



Energy Saving (PWM Fan)



Long Life (Double Ball)

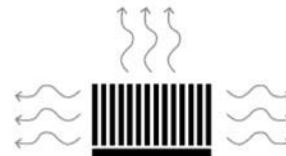
Thermal Performance: 0.33 °C/W
Dimensions: 90.0 x 90.0 x 66.0 mm
Weight: 490 g

K618

Passive Copper base with heatpipes Heatsink for 2U Server up to CPU Power 95 Watts.



FEATURES



Optimal Cooling



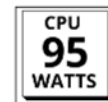
Copper Base



Aluminum Stacked Fin



2 U Server Up



Heat Dissipation



TIG830SP
Pre-printed



Maintenance
Free



Max. Speed: 5000 RPM
Max. Air Flow : 26.45 CFM
Acoustics Level: 13.8 dBA – 38.7 dBA
Thermal Performance: 0.228 °C/W
Dimensions: 90.7 x 85.0 x 64.0 mm
Weight: 500 g

K666

60 x 60 x 25mm fan with PWM function, Copper Base & Aluminum Fins with Heatpipes embedded for 2U&Up server solution.

FEATURES



Optimal Cooling



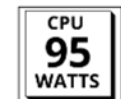
Copper Base



Aluminum Fin Heatpipe Embedded



2 U Server Up



Heat Dissipation



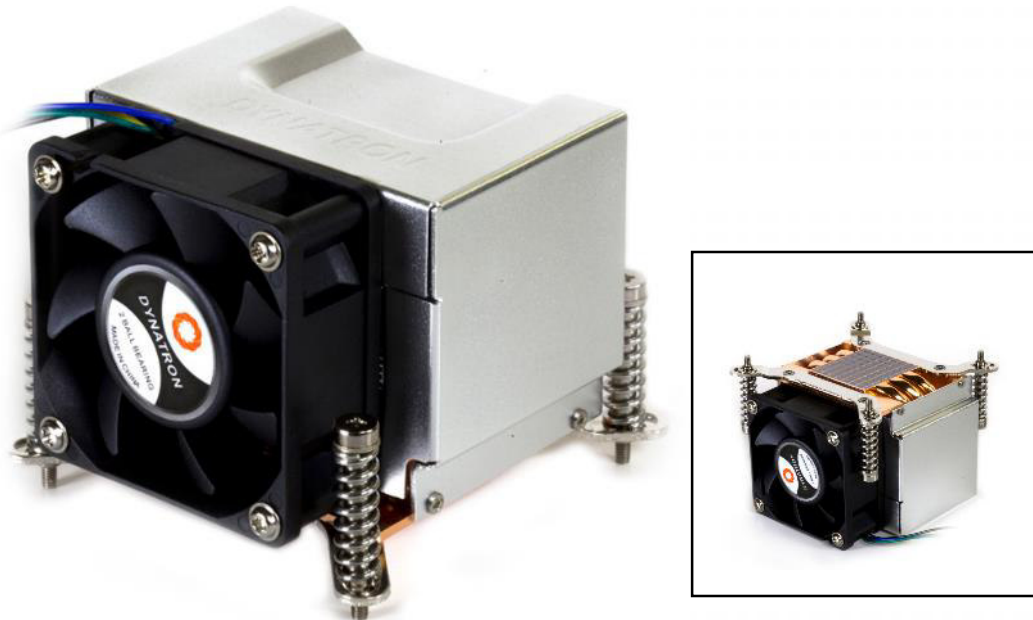
TIG830SP Pre-printed



Energy Saving (PWM Fan)



Long Life (Double Ball)



Max. Speed: 7000 RPM
Max. Air Flow : 38. 283 CFM
Acoustics Level: 20.8 dBA – 48.1 dBA
Thermal Performance: 0.271 °C/W
Dimensions: 88.5 x 87.0 x 64.0 mm
Weight: 460 g



K650

60 x 60 x 25mm fan with PWM function, Copper Base & Aluminum Fins with Heatpipes embedded for 2U&Up server solution

FEATURES



Optimal Cooling



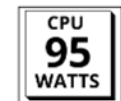
Copper Base



Aluminum Fin Heatpipe Embedded



2 U Server Up



Heat Dissipation



TIG830SP Pre-printed

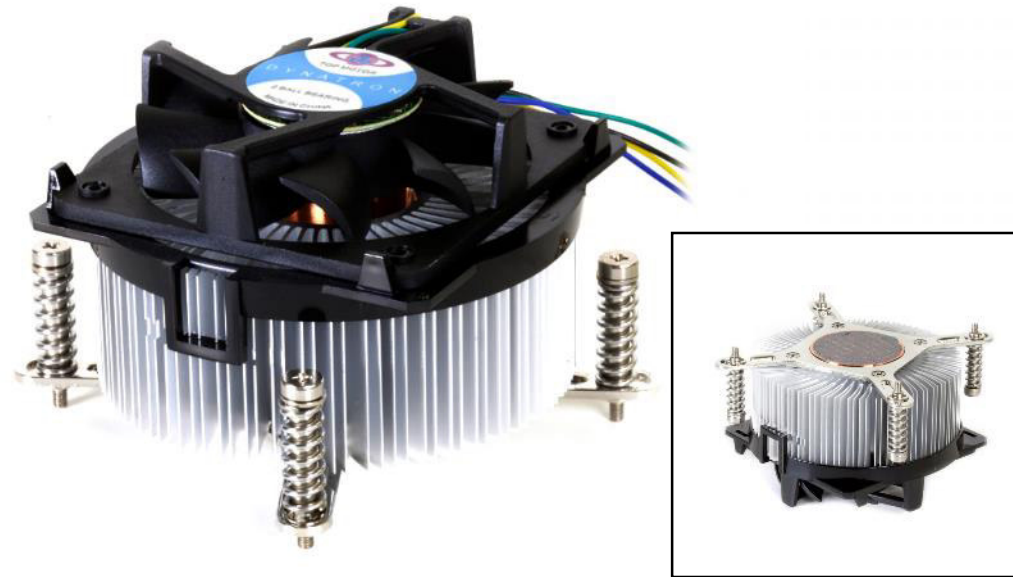


Energy Saving (PWM Fan)



Long Life (Double Ball)

Max. Speed: 4500 RPM
Max. Air Flow : 45.56 CFM
Acoustics Level: 13.14 dBA – 45.8 dBA
Thermal Performance: 0.264 °C/W
Dimensions: 90.0 x 90.0 x 62.0 mm
Weight: 500 g



K785

77×20 mm Fan with PWM Function. Aluminum Fins with Copper Inserted for 2U&Up Server. CPU Power up to TDP 95 Watts.

FEATURES



Optimal Cooling



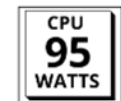
Copper Core



Aluminum Extruded Radial Heatsink



2 U Server Up



Heat Dissipation



TIG830SP Pre-printed



Energy Saving (PWM Fan)



Long Life (Double Ball)



Max. Speed: 2500 RPM
Max. Air Flow : 46.96 CFM
Acoustics Level: 14.70 dBA – 29.85 dBA
Dimensions: 92.0 x 41.0 mm
Weight: 200 g



K5

Active Cooler for Chassis Height 1.5U & Up (> 2.7 Inch). Support CPU Power up to 77 Watts.

FEATURES



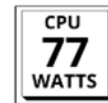
Optimal Cooling



Aluminum Extruded
Radial Heatsink



2 U Server Up



Heat Dissipation



TIG830SP
Pre-printed



Energy Saving
(PWM Fan)



Long Life
(Double Ball)



Max. Speed: 2500 RPM
Max. Air Flow : 43.36 CFM
Acoustics Level: 17.0 dBA – 31.92 dBA
Thermal Performance: 0.193 °C/W
Dimensions: 91.0 x 91.0 x 110.0 mm
Weight: 530 g



K17

Low-Noise 92x25mm PWM Fan, H.C.C.(Heatpipes Contact CPU)Technology HeatPipe CPU Cooler for 3U&Up and Workstation up to CPU power 165 Watts.

FEATURES



Optimal Cooling



H.C.C



Aluminum Fin
4 Heat Pipes



3 U Server Up



Heat Dissipation



Shin-Etsu 7762
Pre-printed



Energy Saving
(PWM Fan)



Long Life
(Double Ball)

Max. Speed: 2800 RPM
Max. Air Flow : 49.99 CFM
Acoustics Level: 16.08 dBA – 34.48 dBA
Thermal Performance: 0.255 °C/W
Dimensions: 106.0 x 106.0 x 72.6 mm
Weight: 500 g



K985

92×25 mm Fan with PWM Function. Aluminum Radial Fin Heatsink with Copper Inserted. Desktop, 3U&Up Server up to CPU Power 95 Watts.

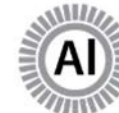
FEATURES



Optimal Cooling



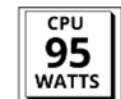
Copper Core



Aluminum Extruded Radial Heatsink



3 U Server Up



Heat Dissipation



Shin-Etsu 7762 Pre-printed



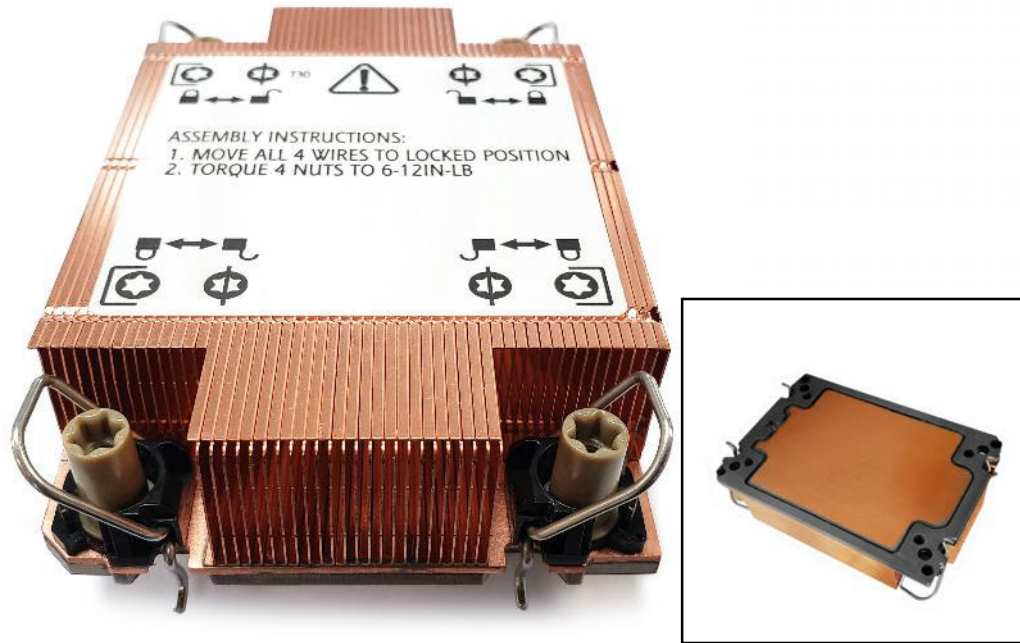
Energy Saving (PWM Fan)



Long Life (Double Ball)



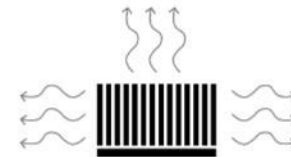
Thermal Performance: 0.205 °C/W
Dimensions: 113 x 78 x 25 mm
Weight: 520 g



N1

Recommend for Intel® Whitley Platform Ice Lake and Cooper Lake Server Processor, LGA4189 sockets, Copper for both Vapor Chamber Base and Fin Stack, Passive Cooler for Blade and 1U Server. Fully Support CPU Powered Heat Dissipation.

FEATURES



Optimal Cooling



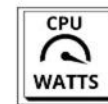
Copper Fins



Copper Vapor Chamber



1 U Server Up



CPU Watts Fully Support



Shin-Etsu 7762 Pre-printed



Maintenance Free





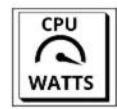



Max. Speed: 8000 ± 10% RPM
Max. Air Flow : 22.80 CFM
Acoustics Level: 21.5 dBA – 55.8 dBA
Thermal Performance: 0.2412 °C/W
Dimensions: 113 x 80 x 26 mm
Weight: 550 g



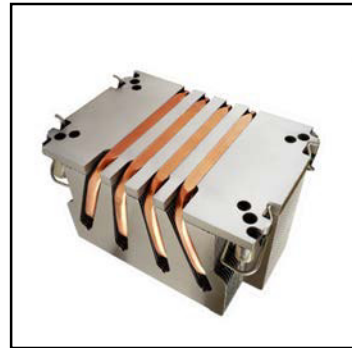
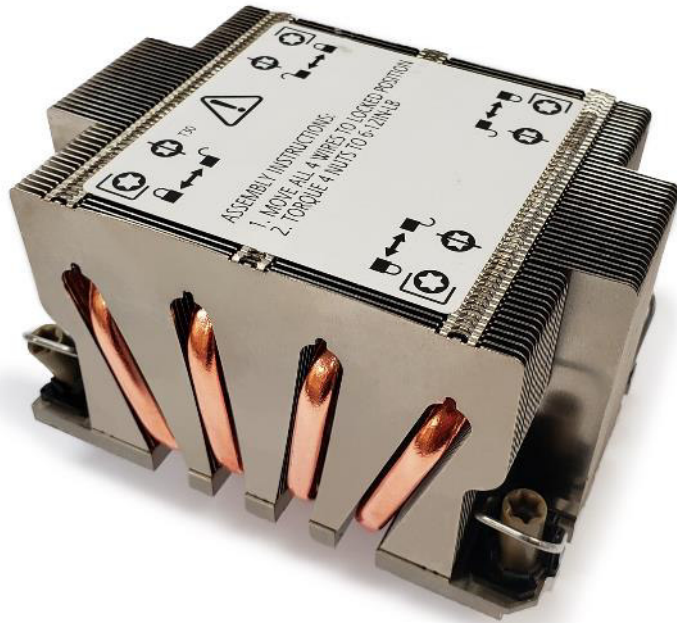
N3

Recommend for Intel® Whitley Platform Cooper Lake and Ice Lake Processors, Active Cooler for 1U Server, Copper Heatsink with Vapor Chamber Base, Steel PWM Blower, Fully Support CPU Powered Heat Dissipation.

FEATURES

- | | | | |
|--|---|--|--|
| 
Optimal Cooling | 
Vapor Chamber Base | 
Copper 1100 Heatsink | 
1 U Server Up |
| 
CPU Watts Fully Support | 
Shin-Etsu 7762 Pre-printed | 
Energy Saving (PWM Fan) | 
Long Life (Double Ball) |

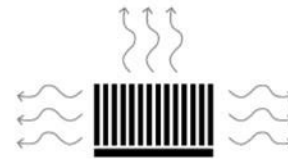
Thermal Performance: 0.171 °C/W
Dimensions: 113 x 78x 64 mm
Weight: 500 g



N2

Recommend for Intel® Whitley Platform Ice Lake and Cooper Lake Server Processor, LGA4189 sockets, Aluminum for both heat sink Base and Fin Stack, Passive Cooler for 2U Server and up. Fully Support CPU Powered Heat Dissipation.

FEATURES



Optimal Cooling



Aluminum Base



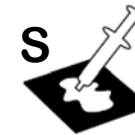
Aluminum Stacked Fin



2 U Server Up



CPU Watts Fully Support



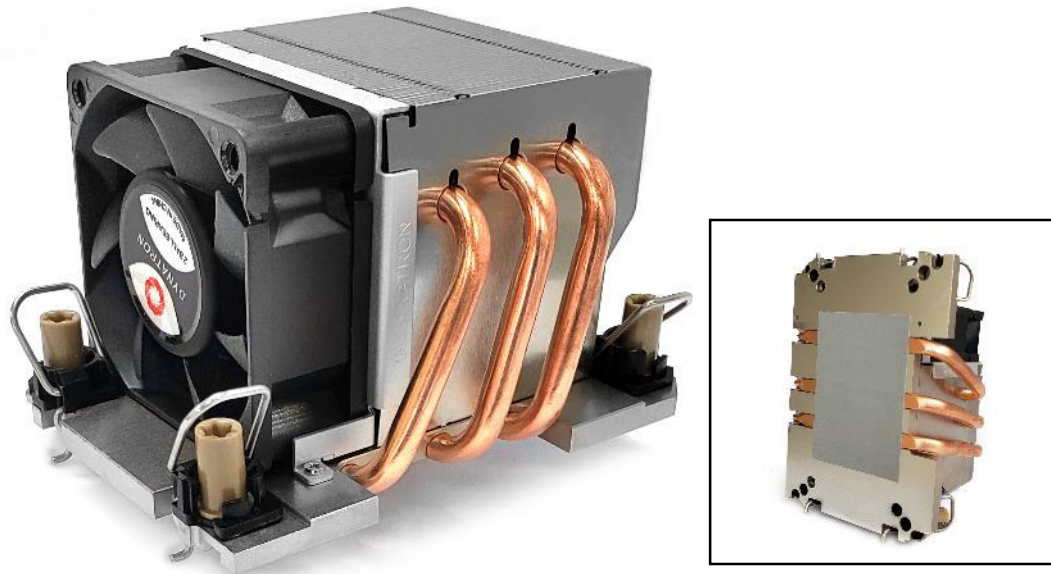
Shin-Etsu 7762 Pre-printed



Maintenance Free







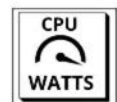



Thermal Performance: 0.175 °C/W
Max. Speed: 8000 ± 500 RPM
Max. Air Flow : 49.32 CFM
Acoustics Level: 19.32 dBA – 54.26 dBA
Dimensions: 113 x 82 x 66 mm
Weight: 440 g



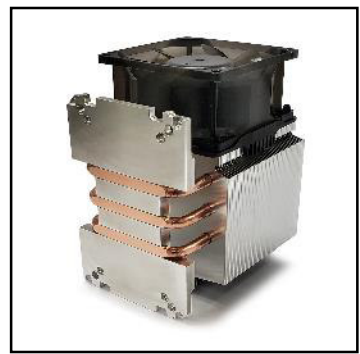
N5

Recommend for Intel® Whitley Platform Ice Lake and Cooper Lake Server Processor, LGA4189 sockets, Aluminum Fin stack with Heat Pipe embedded, Active Cooler for 2U Server and up. Fully Support CPU Powered Heat Dissipation.

FEATURES

- | | | | |
|--|---|--|--|
| 
Optimal Cooling | 
H.C.C | 
Aluminum Stacked Fin | 
2 U Server Up |
| 
CPU Watts Fully Support | 
Shin-Etsu 7762 Pre-printed | 
Energy Saving (PWM Fan) | 
Long Life (Double Ball) |


Thermal Performance: 0.164 °C/W
Max. Speed: 3000 ± 10% RPM
Max. Air Flow : 51. 26 CFM
Acoustics Level: 13.45 dBA – 42.15 dBA
Dimensions: 113 x 78 x 110 mm
Weight: 600 g





N6


Recommend for Intel® Whitley Platform Ice Lake and Cooper Lake Server Processor, Aluminum stacked Fins with Heat Pipes directly contact CPU, Active Cooler for 3U Server and up. Fully Support CPU Powered Heat Dissipation.

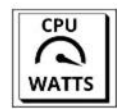
FEATURES


- 


Optimal Cooling
- 


H.C.C
- 

Aluminum Stacked Fin
- 

3 U Server Up
- 


CPU Watts Fully Support
- 

Shin-Etsu 7762 Pre-printed
- 

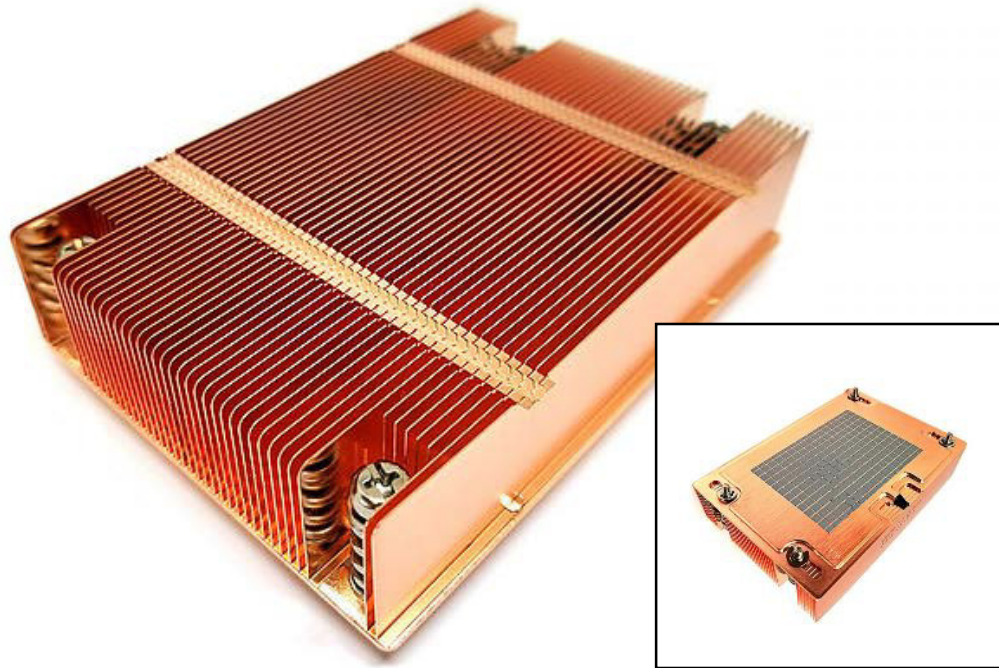
Energy Saving (PWM Fan)
- 

Long Life (Double Ball)



AMD  AMD Processor Product Series				
Cooler Type	Application	EPYC, SP3 TR3/TR4	AM4	AM4/FM2+/F M2/FM1/AM3 +/AM3/AM2+ /AM2
Air Cooling	1U	A28, A31, L18	A18	T497
	2U	A26 (Active) A34 (Passive)	A24	
	3U/Workstation/	A35 (Active)		
	Desktop			

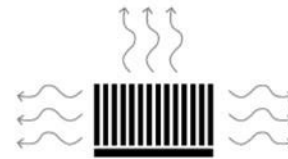
Thermal Performance: 0.147 °C/W
Dimensions: 120.0 x 82.0 x 27.0 mm
Weight: 450 g



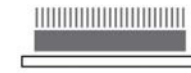
A28

Copper 1100 Vapor Chamber and Stacked Fin passive heatsink for 1U server solution up to TDP 180 Watts heat dissipation.

FEATURES



Optimal Cooling



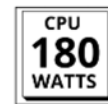
Vapor Chamber Base



Copper Stacked Fin



1 U Server Up



Heat Dissipation



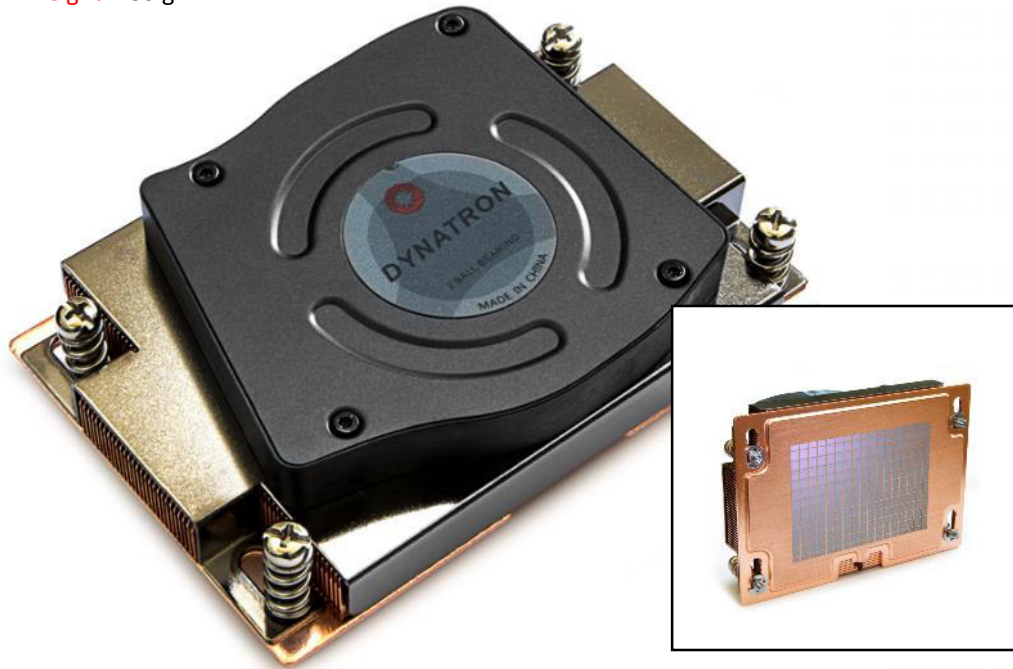
Shin-Etsu 7762 Pre-printed



Maintenance Free



Max. Speed: 8000 RPM
Max. Air Flow : 22.80 CFM
Acoustics Level: 25.6 dBA – 62 dBA
Thermal Performance: 0.235 °C/W
Dimensions: 120.0 x 82 x 27.5 mm
Weight: 480 g



A31

Recommend for AMD® EPYC, Socket SP3 with 8013 Aluminum PWM Blower for Heat Exhausting. Active Cooler for 1U Server. Support CPU power up to 180 Watts Heat Dissipation.

FEATURES



Optimal Cooling



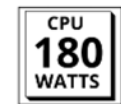
Vapor Chamber Base



Copper Stacked Fin



1 U Server Up



Heat Dissipation



Shin-Etsu 7762 Pre-printed



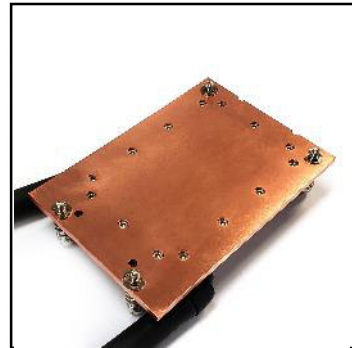
Energy Saving (PWM Fan)



Long Life (Double Ball)



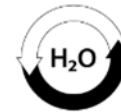
Max. Speed: 12000 ± 10% RPM
Max. Air Flow : 24. 84 CFM
Acoustics Level: 18.7 dBA – 52.8 dBA
Thermal Performance: 0.162 °C/W



L18

All-in-one Liquid Cooler for 1U Server, Recommend for AMD® EPYC Series Processor Socket SP3 / TR3 / TR4, Three 4cm cooling fans with 4-pin PWM Connector, Fully Support CPU Overclocking Powered Heat Dissipation.

FEATURES



Optimal Cooling



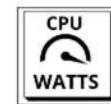
Copper Base Cold Plate



Easy to Install



1 U Server Up



CPU Watts Fully Support



Energy Saving (PWM Fan)



Long Life (Double Ball)



Max. Speed: 8000 RPM
Max. Air Flow : 43.75 CFM
Acoustics Level: 18 dBA – 53 dBA
Thermal Performance: 0.166 °C/W
Dimensions: 119.0 x 79.0 x 65.0 mm
Weight: 450 g



A26

AMD EPYC Processor Socket SP3 Side-Blower 60x60x25mm PWM fan Cooler for 2U Server and Up.

FEATURES



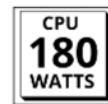
Optimal Cooling



Aluminum Fin
Heatpipe Embedded



2 U Server Up



Heat Dissipation



Shin-Etsu 7762
Pre-printed

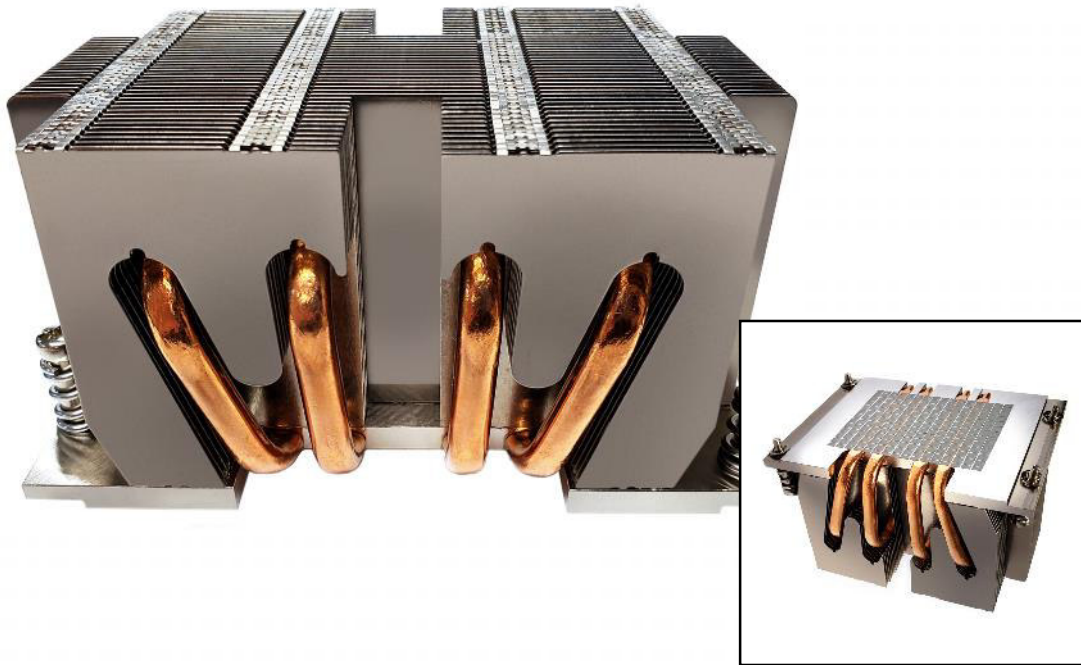


Energy Saving
(PWM Fan)



Long Life
(Double Ball)

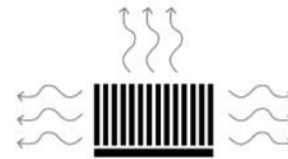
Thermal Performance: 0.229 °C/W
Dimensions: 113.0 x 80.0 x 64.0 mm
Weight: 450 g



A34

Aluminum Stacked Fin with Heatpipe Embedded for 2U Server and up, recommend for AMD® Socket SP3, supporting CPU power up to 180 Watts heat dissipation.

FEATURES



Optimal Cooling



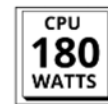
Aluminum Base



Aluminum Fin Heatpipe Embedded



2 U Server Up



Heat Dissipation



Shin-Etsu 7762 Pre-printed



Maintenance Free



Max. Speed: 3800 RPM
Max. Air Flow : 68.4 CFM
Acoustics Level: 16.0 dBA – 48.4 dBA
Thermal Performance: 0.171 °C/W
Dimensions: 120.0 x 82 x 110 mm
Weight: 600 g



A35

Recommend for AMD® Socket SP3, Socket TR4, Aluminum Heatsink with Heatpipe Embedded, Active Cooler for 3U Server and up, Workstations, Fully Support CPU Overclocking Powered Heat Dissipation.

FEATURES



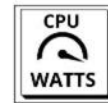
Optimal Cooling



Aluminum Fin
Heatpipe Embedded



3 U Server Up



CPU Watts
Fully Support



Shin-Etsu 7762
Pre-printed



Maintenance
Free



Long Life
(Double Ball)



Max. Speed: 6000 RPM
Max. Air Flow : 14.3 CFM
Acoustics Level: 19.1 dBA – 53.8 dBA
Thermal Performance: 0.318 °C/W
Dimensions: 106.0 x 76.0 x 27.5 mm
Weight: 450 g



A18

AMD AM4 Processor 70x70x15mm PWM blower with Copper fins active heatsink for 1U Server up to TDP 95 Watts.

FEATURES



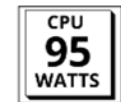
Optimal Cooling



Copper Skiving Fins



1 U Server Up



Heat Dissipation



Shin-Etsu 7762 Pre-printed



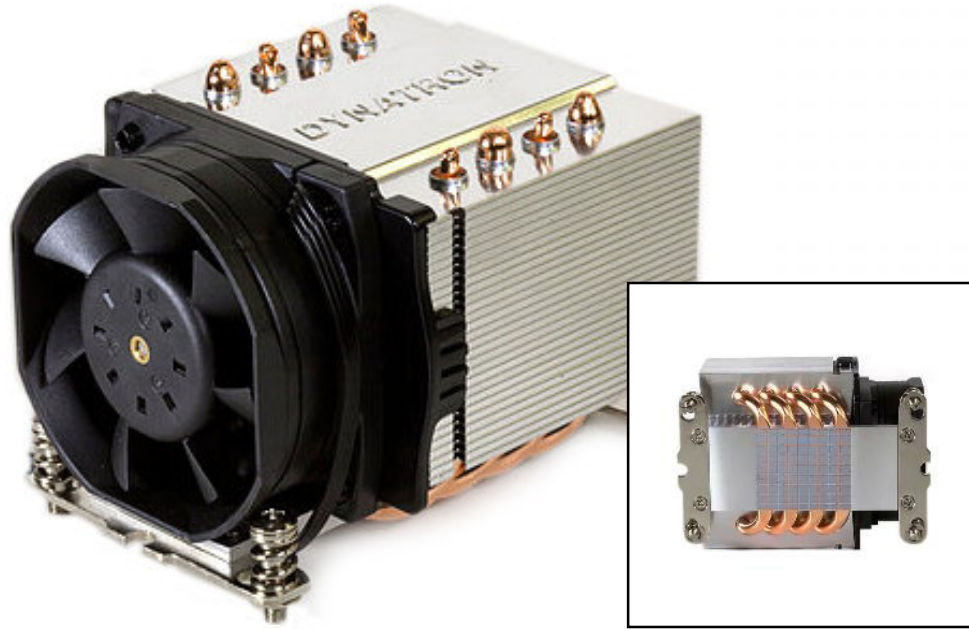
Energy Saving (PWM Fan)



Long Life (Double Ball)



Max. Speed: 7000 RPM
Max. Air Flow : 40.5 CFM
Acoustics Level: 16.0 dBA – 47.5 dBA
Thermal Performance: 0.172 °C/W
Dimensions: 107.0 x 78.0 x 67 mm
Weight: 400 g



A24

Recommend for AMD Processor, Socket AM4. New innovation 60x60x28mm PWM fan, Aluminum fins with heatpipe directly contact CPU up to TDP 95 Watts for 2U Server & Up.

FEATURES



Optimal Cooling



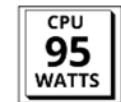
H.C.C



Aluminum Stacked Fin



2 U Server Up



Heat Dissipation



Shin-Etsu 7762 Pre-printed



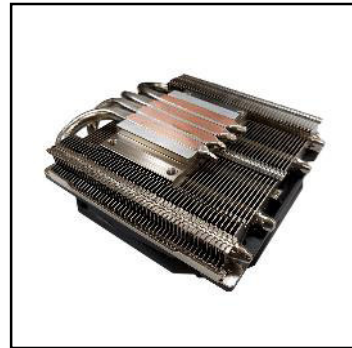
Energy Saving (PWM Fan)



Long Life (Double Ball)



Max. Speed: 3600 ± 10% RPM
Max. Air Flow : 40 CFM
Acoustics Level: 17.0 dBA – 35.8 dBA
Dimensions: 92 x 92 x 12 mm
Weight: 310 g



T497

Super slim active air cooler with high airflow PWM fan, Aluminum heatsink with 4 heatpipes embedded for blade/1U Server up to CPU power 100 Watts, Compatible with both Intel and AMD CPUs.

FEATURES



Optimal Cooling



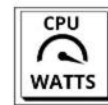
H.C.C



Aluminum Stacked Fin



Blade/1U Server Up



CPU Watts Fully Support



TIG830SP Pre-printed



Energy Saving (PWM Fan)



Long Life (Double Ball)



DIMENSION	MODEL NUMBER (BY SPEED)				
40 x 40 x 10 mm	DF124010_U	DF124010_H	DF124010_M	DF124010_L	DF124010_E
40 x 40 x 20 mm	DF124020_U	DF124020_H	DF124020_M	DF124020_L	DF124020_E
40 x 40 x 28 mm	DF124028_U	DF124028_H	DF124028_M	DF124028_L	DF124028_E
50 x 50 x 10 mm		DF125010_H	DF125010_M	DF125010_L	
50 x 50 x 20 mm		DF125020_H	DF125020_M	DF125020_L	DF125020_E
60 x 60 x 10 mm		DF126010_H	DF126010_M	DF126010_L	DF126010_E
60 x 60 x 15 mm		DF126015_H	DF126015_M	DF126015_L	
60 x 60 x 20 mm		DF126020_H	DF126020_M	DF126020_L	
60 x 60 x 25 mm	DF126025_U	DF126025_H	DF126025_M	DF126025_L	DF126025_E
70 x 70 x 15 mm	DF127015_U	DF127015_H	DF127015_M	DF127015_L	DF127015_E
71 x 71 x 15 mm		DB127015BU -PWM	DB127015BH -PWM		
80 x 80 x 15 mm	DF128015_U	DF128015_H	DF128015_M	DF128015_L	
80 x 80 x 25 mm	DF128025_U	DF128025_H	DF128025_M	DF128025_L	DF128025_E
84 x 81 x 16 mm	DB127515BU	DB127515BH	DB127515BM	DB127515BL	
88 x 84 x 16 mm	DB128015BU –PWM Plastic	DB128015BH –PWM Plastic	DB128015BM –PWM Plastic		DB128015BE –PWM Plastic
88 x 84 x 17 mm	DB128015BU –PWM Aluminum				
92 x 92 x 25 mm	DF129225_U	DF129225_H	DF129225_M	DF129225_L	DF129225_E
120 x 120 x 25 mm		DF1212025_H	DF1212025_M	DF1212025_L	DF1212025_E



Voltage: DC
 Voltage Range: 12V
 Weight: 9±2 grams



40 x 40 x 10mm DC Fan

Model No.	Speed (RPM)	Air Flow (CFM)	Static Pressure (mm/H2O)	Noise Level (dBA)
DF124010_U	7000	5.48	4.90	32.34
DF124010_H	6000	4.70	3.60	28.97
DF124010_M	5500	4.19	2.60	28.53
DF124010_L	4500	3.45	1.86	23.40
DF124010_E	4000	3.09	1.69	16.63

Sleeve Bearing

35,000 Hours

Dual Ball Bearing

50,000 Hours



MTBF (Operating temp. 40°C or 77°F)



Voltage: DC
 Voltage Range: 12V
 Weight: 9±2 grams



40 x 40 x 20mm DC Fan

Model No.	Speed (RPM)	Air Flow (CFM)	Static Pressure (mm/H2O)	Noise Level (dBA)
DF124020_U	11000	13.44	17.73	45.40
DF124020_H	9000	10.51	12.43	38.20
DF124020_M	8000	7.81	6.77	35.36
DF124020_L	7000	6.83	5.18	32.46
DF124020_E	6000	5.86	3.81	25.43

Sleeve Bearing

35,000 Hours

Dual Ball Bearing

50,000 Hours



MTBF (Operating temp. 40°C or 77°F)



Voltage: DC
 Voltage Range: 12V
 Weight: 9±2 grams



40 x 40 x 28mm DC Fan

Model No.	Speed (RPM)	Air Flow (CFM)	Static Pressure (mm/H2O)	Noise Level (dBA)
DF124028_U	18000	30.60	53.50	60.00
DF124028_H	15000	26.908	35.80	58.51
DF124028_M	12000	24.04	32.01	52.00
DF124028_L	9000	18.40	16.10	45.00
DF124028_E	7000	11.08	7.79	41.20

Sleeve Bearing

35,000 Hours

Dual Ball Bearing

50,000 Hours



MTBF (Operating temp. 40°C or 77°F)

Voltage: DC
 Voltage Range: 12V
 Weight: 9±2 grams



50 x 50 x 10mm DC Fan

Model No.	Speed (RPM)	Air Flow (CFM)	Static Pressure (mm/H2O)	Noise Level (dBA)
DF125010_H	5000	10.80	2.80	31.80
DF125010_M	4500	9.30	1.90	28.00
DF125010_L	3700	7.60	1.30	23.90

Sleeve Bearing

35,000 Hours

Dual Ball Bearing

50,000 Hours

MTBF (Operating temp. 40°C or 77°F)



Voltage: DC
 Voltage Range: 12V
 Weight: 9±2 grams



50 x 50 x 20mm DC Fan

Model No.	Speed (RPM)	Air Flow (CFM)	Static Pressure (mm/H2O)	Noise Level (dBA)
DF125020_H	5800	17.60	6.60	32.00
DF125020_M	5200	16.10	5.50	30.60
DF125020_L	4500	13.60	4.00	26.70
DF125020_E	3700	10.90	2.90	24.30

Sleeve Bearing

35,000 Hours

Dual Ball Bearing

50,000 Hours

MTBF (Operating temp. 40°C or 77°F)



Voltage: DC
 Voltage Range: 12V
 Weight: 9±2 grams



60 x 60 x 10mm DC Fan

Model No.	Speed (RPM)	Air Flow (CFM)	Static Pressure (mm/H2O)	Noise Level (dBA)
DF126010_H	5300	24.10	5.00	37.90
DF126010_M	4500	19.60	3.30	34.30
DF126010_L	3700	16.70	2.70	28.20
DF126010_E	3000	13.54	1.78	22.86

Sleeve Bearing

35,000 Hours

Dual Ball Bearing

50,000 Hours

MTBF (Operating temp. 40°C or 77°F)



Voltage: DC
 Voltage Range: 12V
 Weight: 9±2 grams



60 x 60 x 15mm DC Fan

Model No.	Speed (RPM)	Air Flow (CFM)	Static Pressure (mm/H2O)	Noise Level (dBA)
DF126015_H	5000	28.80	5.40	35.90
DF126015_M	4000	22.00	3.40	30.70
DF126015_L	3000	16.50	1.90	24.50

Sleeve Bearing

35,000 Hours

Dual Ball Bearing

50,000 Hours



MTBF (Operating temp. 40°C or 77°F)

Voltage: DC
 Voltage Range: 12V
 Weight: 9±2 grams



60 x 60 x 20mm DC Fan

Model No.	Speed (RPM)	Air Flow (CFM)	Static Pressure (mm/H2O)	Noise Level (dBA)
DF126020_H	4800	21.10	6.10	32.60
DF126020_M	4200	18.20	4.60	28.60
DF126020_L	3000	15.00	3.00	25.20

Sleeve Bearing

35,000 Hours

Dual Ball Bearing

50,000 Hours



MTBF (Operating temp. 40°C or 77°F)

Voltage: DC
 Voltage Range: 12V
 Weight: 9±2 grams



60 x 60 x 25mm DC Fan

Model No.	Speed (RPM)	Air Flow (CFM)	Static Pressure (mm/H2O)	Noise Level (dBA)
DF126020_H	4800	21.10	6.10	32.60
DF126020_M	4200	18.20	4.60	28.60
DF126020_L	3000	15.00	3.00	25.20

Sleeve Bearing

35,000 Hours

Dual Ball Bearing

50,000 Hours

MTBF (Operating temp. 40°C or 77°F)



Voltage: DC
 Voltage Range: 12V
 Weight: 9±2 grams



70 x 70 x 15mm DC Fan

Model No.	Speed (RPM)	Air Flow (CFM)	Static Pressure (mm/H2O)	Noise Level (dBA)
DF127015_U	6000	49.90	10.78	49.20
DF127015_H	5000	39.31	6.02	39.80
DF127015_M	4500	37.40	5.49	38.44
DF127015_L	4000	32.93	4.34	35.88
DF127015_E	3000	24.35	2.43	29.03

Sleeve Bearing

35,000 Hours

Dual Ball Bearing

50,000 Hours

MTBF (Operating temp. 40°C or 77°F)



Voltage: DC
 Voltage Range: 12V
 Fame: Aluminum
 Weight: 70±10 grams


4PIN


71 x 71 x 15mm Blower Fan

Model No.	Speed (RPM)	Air Flow (CFM)	Noise Level (dBA)	Static Pressure (mm/H2O)
DB127015BU	6000±10%	14.321	53.8	50.548
DB127015BH	5000±10%	9.40	48.00	26.40

Dual Ball Bearing
50,000 Hours

MTBF (Operating temp. 40°C or 77°F)



Voltage: DC
 Voltage Range: 12V
 Weight: 9±2 grams



80 x 80 x 15mm DC Fan

Model No.	Speed (RPM)	Air Flow (CFM)	Static Pressure (mm/H2O)	Noise Level (dBA)
DF128015_U	4000	48.60	5.90	40.20
DF128015_H	3000	37.60	3.60	32.10
DF128015_M	2500	30.80	2.60	27.30
DF128015_L	2000	23.10	1.70	23.50

Sleeve Bearing

35,000 Hours

Dual Ball Bearing

50,000 Hours



MTBF (Operating temp. 40°C or 77°F)



Voltage: DC
 Voltage Range: 12V
 Weight: 9±2 grams



80 x 80 x 25mm DC Fan

Model No.	Speed (RPM)	Air Flow (CFM)	Static Pressure (mm/H2O)	Noise Level (dBA)
DF128025_U	4000	48.50	7.30	40.90
DF128025_H	2900	35.20	3.80	34.50
DF128025_M	2600	30.70	3.00	30.70
DF128025_L	2200	25.40	2.20	27.20
DF128025_E	1800	21.80	1.50	24.30

Sleeve Bearing

35,000 Hours

Dual Ball Bearing

50,000 Hours

MTBF (Operating temp. 40°C or 77°F)



Voltage: DC
 Voltage Range: 12V
 Fame: Aluminum
 Weight: 70±10 grams



84 x 81 x 16mm Blower Fan

Model No.	Speed (RPM)	Air Flow (CFM)	Static Pressure (mm/H2O)	Noise Level (dBA)
DB127515BU	6000±10%	17.7	53.1	55.0
DB127515BH	5000±10%	14.149	36.17	51.7
DB127515BM	4000±10%	11.9	23.6	46.1
DB127515BL	3000±10%	8.83	13.02	40.61



Dual Ball Bearing

80,000 Hours

MTBF (Operating temp. 40°C or 77°F)



Voltage: DC
 Voltage Range: 12V
 Fame: Aluminum (GP)
 Weight: 85±10 grams



88 x 84 x 17mm Blower Fan

Model No.	Speed (RPM)	Air Flow (CFM)	Static Pressure (mm/H2O)	Noise Level (dBA)
DB128015BU-PWM	7000±10%	22.28	74.18	59.14



Dual Ball Bearing

50,000 Hours

MTBF (Operating temp. 40°C or 77°F)



Voltage: DC
 Voltage Range: 12V
 Fame: PPS UL94V-0 (Black GP)
 Weight: 60±10 grams



88 x 84 x 16mm Blower Fan

Model No.	Speed (RPM)	Air Flow (CFM)	Static Pressure (mm/H2O)	Noise Level (dBA)
DB128015BU-PWM	5000±10%	15.0	36.168	49.8
DB128015BH-PWM	4000±10%	12.0	23.15	44.9
DB128015BM-PWM	4000±10%	12.06	23.80	46.70
DB128015BE-PWM	3000±10%	9	13.2	38.7


4PIN

Dual Ball Bearing
50,000 Hours

MTBF (Operating temp. 40°C or 77°F)



Voltage: DC
 Voltage Range: 12V
 Weight: 9±2 grams



92 x 92 x 25mm DC Fan

Model No.	Speed (RPM)	Air Flow (CFM)	Static Pressure (mm/H2O)	Noise Level (dBA)
DF129225_U	4000	71.50	7.60	41.58
DF129225_H	3500	61.52	5.92	39.40
DF129225_M	3000	53.57	4.29	35.98
DF129225_L	2500	43.36	3.00	31.92
DF129225_E	2000	35.70	1.91	27.17

Sleeve Bearing

35,000 Hours

Dual Ball Bearing

50,000 Hours



MTBF (Operating temp. 40°C or 77°F)



Voltage: DC
 Voltage Range: 12V
 Weight: 9±2 grams



120 x 120 x 25mm DC Fan

Model No.	Speed (RPM)	Air Flow (CFM)	Static Pressure (mm/H2O)	Noise Level (dBA)
DF1212025_H	2600	96.00	4.80	42.60
DF1212025_M	2200	80.60	3.40	36.50
DF1212025_L	1800	32.80	2.40	32.80
DF1212025_E	1500	28.50	1.50	28.50

Sleeve Bearing

35,000 Hours

Dual Ball Bearing

50,000 Hours

MTBF (Operating temp. 40°C or 77°F)



“ At Dynatron, we are committed to provide our business partners with a steady and timely supply of quality products across the world. ”