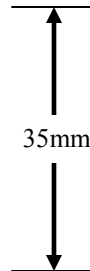
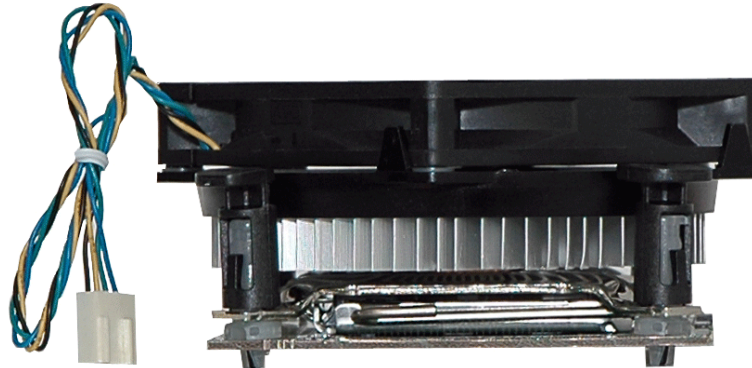
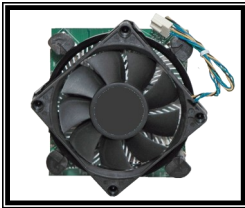


# SYSTIUM® MODEL 10312-25

## LOW PROFILE ACTIVE HEATSINK



The Systium® Model 10312-25 heatsink was created for both socket 775 and 1155/1156 making CPU transitions easier. This low profile is only 35mm high but comes with a solid copper core allows it to cool processors up to 65W. Most heatsinks have the fan fixed permanently to the extrusion but this fan is easily replaced.

### Features

- **Long Life:** Systium is committed to providing products that will last the life of your product
- **Superior Cooling:** 33mm copper slug with 80mm fan provides up to 65W TDP. (\*95W in certain cases— contact sales for information)
- **Low Profile:** At only 35mm this heatsink will fit in 2U applications (See image below)
- **Replaceable Fan:** The 80mm fan can be replaced. In most heat sinks if the fan fails the entire assembly must be replaced. Four screws and you're up and running
- **Easy Installation:** These 4 twist and push pins make installation a snap. No star plate required, no backside components to worry about.
- **Locked Rotor Protection:** Impedance of motor winding protects motor
- **Polarity Protection:** Capable of withstanding reverse connections

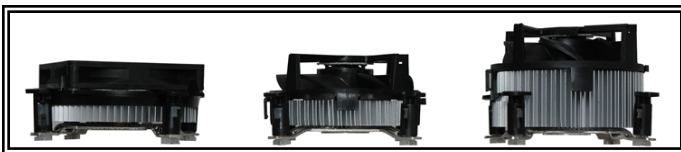
### Specifications

<b>Pin out:</b>	Intel ® Socket 775 & 1155/1156
<b>Fan Bearing Type:</b>	Two Ball Bearing
<b>Fan Speed:</b>	5000 RPM
<b>Fan Speed Control:</b>	PWM Controller, 4 wire (26AWG)
<b>Fan Blades:</b>	9 blades
<b>Fan Noise:</b>	44.6 dB
<b>Max Air Flow:</b>	50.6 CFM
<b>Life Expectancy:</b>	70,000 hrs at 40°C
<b>Heat Sink Material:</b>	
Stacked Fin:	Aluminum; 80 x 15mm
Core:	Copper; 20 x 33mm
<b>Fastening:</b>	Twist clips
<b>Rated Voltage:</b>	12VDC
<b>Fan Dimensions:</b>	85 x 12mm
<b>Heatsink Dimensions:</b>	80 x 80x 38mm
<b>Operating Temp:</b>	-10°C ~ +70°C
<b>Storage Temp:</b>	-40°C ~ +75°C
<b>Operating Humidity:</b>	5 to 90% RH

Duty Cycle	RPM
0-20	700 ±250
50	2250 ±250
100	5000 ±250



Competition's "Low Profile"



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MotherBoard Ready Solutions

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**Note:** Heatsink comes with Thermal Interface Material (TIM) applied. (Material classified as G-751 Silicone Grease)

