

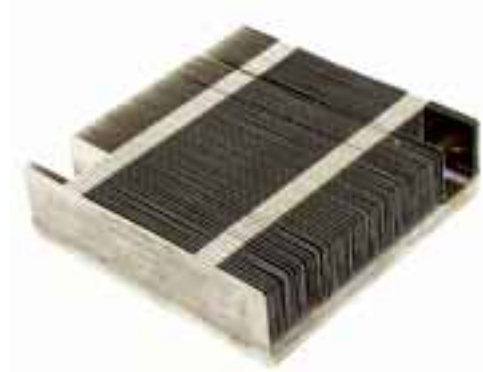


AAVID
THERMALLOY

Heat Sink for Intel® Prescott LGA775 in 1U Servers

PASSIVE HEAT SINK FOR INTEL® PRESCOTT PROCESSORS

Aavid's solution for Prescott LGA775 processors is designed specifically for thermal engineers who require a high performance solution for single processor 1U servers. The heat sink offers excellent thermal performance while offering the advantage of low weight.



CRITICAL APPLICATION NEEDS:

- *Cooling capacity to support processor thermal requirements*
- *Good thermal performance in limited airflow*
- *Ability to withstand shock and vibration without damage*
- *Easy to attach*

FEATURES:

- *Design uses Aavid's patented HiContact™ heat pipe base to provide maximum thermal performance without the need for heavy, costly vapor chambers*
- *Optimized fins for recently improved 1U fans*
- *Light weight design reduces stress on the retention mechanism and processor*
- *Provisions for two point mounting*

ORDERING INFORMATION:

Part Number	Description
040592	Passive heat sink for Prescott LGS775 processors

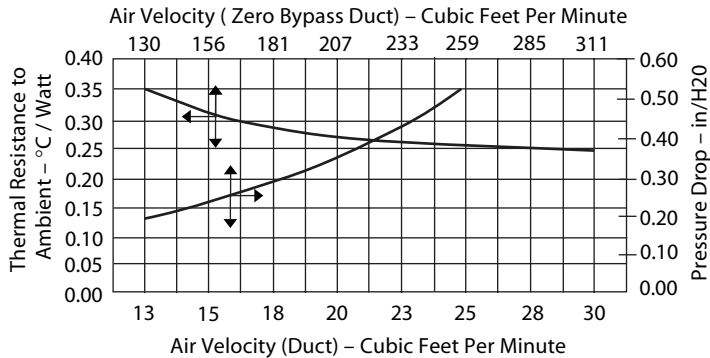
FOR MORE INFORMATION, VISIT OUR WEB SITE: WWW.AAVIDTHERMALLOY.COM
TEL: (603) 224-9988



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PERFORMANCE



PHYSICAL SPECIFICATION:

Socket Type	775 LGA
Construction	Base plate: Aluminum with HiContact™ embedded heat pipe Fins: Stamped Aluminum fin
Thermal Interface Material¹	Not included
Weight	300 Grams
Mechanical	Designed to meet Intel® shock and vibration requirements

NOTES:

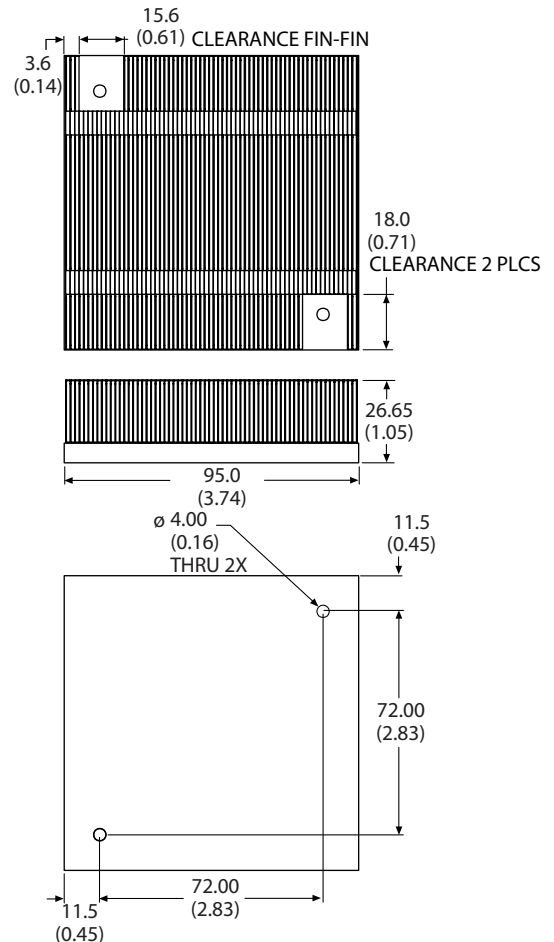
- Contact factory for options on pre applied grease or phase change material. Shin Etsu G751, X23-7783D grease, or Honeywell PCM45F phase change pad recommended.

TEST PARAMETERS:

Test Platform: Aavid thermal test vehicle and wind tunnel. Shin Etsu G751 grease applied
CPU Power: Tested at 115W+
Tested in accordance with Intel® test methodology with zero bypass.

MECHANICAL DRAWING:

Dimensions are shown as mm (in)



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