



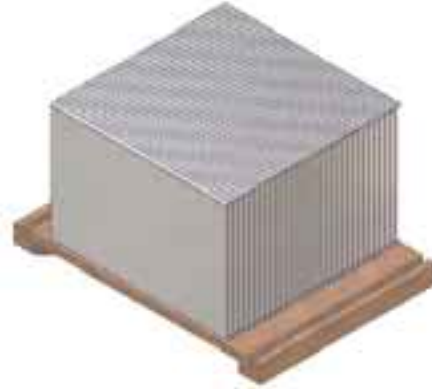
**AAVID
THERMALLOY**

**Xeon™ MP 2.8 GHz,™
Nocona 3.2GHz 2U Heat Sink**

Preliminary

PASSIVE HEAT SINK FOR INTEL® XEON™ MP 2.8 GHz, NOCONA™ 533FSB 3.2GHz PROCESSORS

Aavid's solution for Xeon™ MP 2.8 GHz, Nocona™ 3.2GHz processor is designed specifically for thermal engineers who require cost effective solution for value dual or multi processor 2U servers. The heat sink meets Intel's performance requirements for both thermal performance and weight.



CRITICAL APPLICATION NEEDS:

- *Cooling capacity to support processor thermal requirements*
- *Ability to withstand shock and vibration without damage*
- *Easy to attach*

FEATURES AND BENEFITS:

- *Copper base and aluminum fin structure offer necessary performance with lower weight than full copper designs*
- *Use of aluminum fins lowers weight reducing strain on mounting hardware*
- *Mounts using two spring clips for easy no tools assembly*

ORDERING INFORMATION:

Part Number	Description
040591	Passive heat sink for Xeon™ MP and Nocona™ Processors
CS64	Mounting clip (2 required)

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

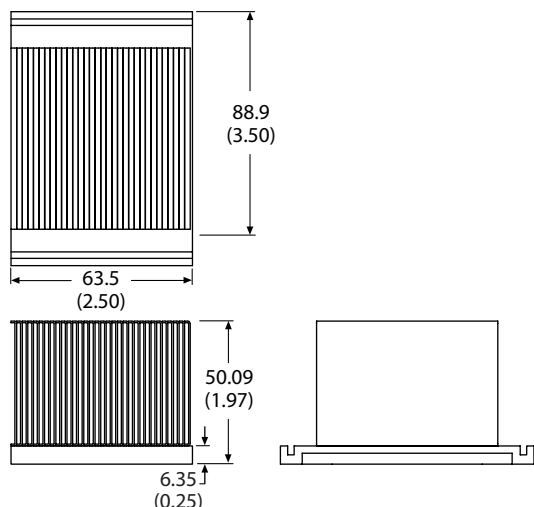


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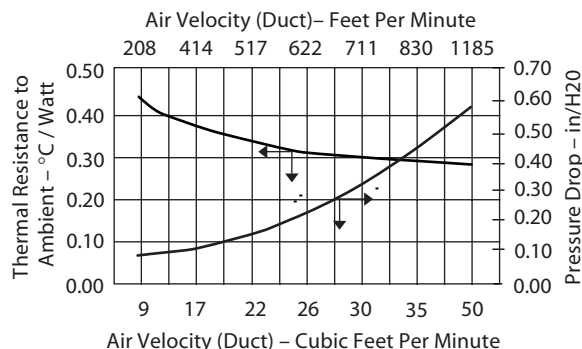
Xeon™ MP 2.8 GHz, Nocona™ 3.2GHz 2U Heat Sink *Preliminary*

MECHANICAL DRAWING:

Dimensions are shown as mm (in)



PERFORMANCE



PHYSICAL SPECIFICATION:

Socket Type	603 pin and 604 pin
Construction	Base plate Copper Fins Aluminum Zipper
Thermal Interface Material¹	Not included
Weight	450 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 along with Fluent Icepak simulation
 CPU Power: 85W
 Interface: Shin ETSU G751
 Tested in accordance with Intel® test methodology with zero bypass.

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