



**AAVID
THERMALLOY**

**Xeon 7500 Series 4U
High Performance Heat Sink**

**RoHS 
Compliant**

**PASSIVE HEAT SINK FOR INTEL®
XEON 7500 SERIES PROCESSORS**

Aavid's line of 7500 series processor heat sinks are suitable for mainstream servers. Their unique design removes heat using heat pipes, copper, and aluminum construction. Each heat sink comes with the necessary hardware and thermal interface for quick and easy assembly.



CRITICAL APPLICATION NEEDS:

- *Remove heat from the processor*
- *CPU thermal solution is part of the system solution*
- *Proper mechanical force loading*

FEATURES:

- *Optimized design and robust construction focusses on rapid heat removal from the chip using heat pipes, copper, and aluminum geometries*
- *This design was developed using an overall system analysis with standard component layout and requirements. This solution met all of the parameters regarding the standard server architecture and allowed for overall system cooling to be achieved*
- *The new LGA1257 package requires the dynamic heat sink loading to be controlled to achieve proper electrical interconnect over long term reliability. These requirements have been achieved with our product*

ORDERING INFORMATION:

Part Number	Description
050234	Aluminum Zipper Fin with Advanced Hi-Contact™ Heat Pipes
322145	Backing Plate

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



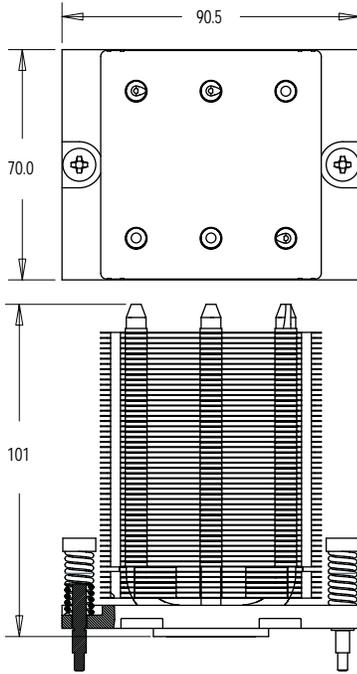
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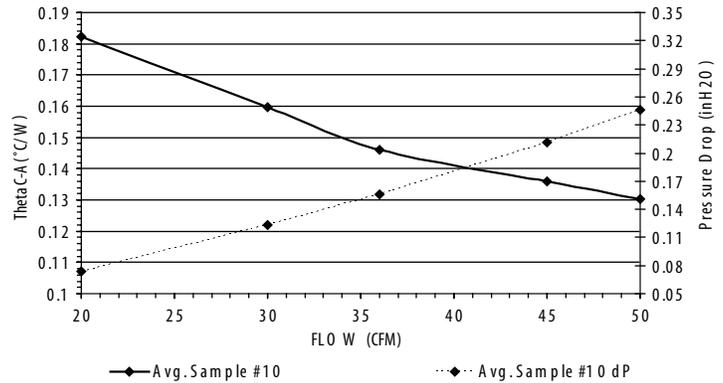
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MECHANICAL DRAWING:

Dimensions are shown as mm



THERMAL PERFORMANCE:



PHYSICAL SPECIFICATION:

Application	Intel® Xeon 7500 series	
Intel Compatibility	TBD	
Socket Type	LGA 1257	
Construction	Base	Aluminum w/ Copper Pedestal & Heat Pipe
	Fins	Aluminum Fin
Thermal Interface Material¹	Shin-Etsu G751 Grease	
Weight	335 Grams	
Mechanical	Designed to meet Intel® shock and vibration requirements	

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