



AAVID
THERMALLOY

AMD Athlon™ FX Processor Fan Heat Sink

ACTIVE HEAT SINK FOR AMD ATHLON™ FX MODEL 2000+ 1.6 GHz AND MODEL 2200+ 1.8 GHz PROCESSORS

Aavid's solution for AMD's Athlon™ FX 2000+ and 2200+ processors is designed specifically for thermal engineers who require a cost effective solution for value desk top systems. The heat sink exceeds AMD's performance requirements while satisfying the value and reliability targets of system designers.



CRITICAL APPLICATION NEED:

- *Cooling capacity to support processor thermal requirements*
- *Value*
- *Easy to attach*

FEATURES AND BENEFITS:

- *Hybrid copper aluminum design meets the cooling requirements insuring desired processor performance*
- *Economical design meets the price performance target of value priced systems*
- *Retention clips and pre applied high performance thermal grease control assembly cost*

ORDERING INFORMATION:

Part Number	Description
D198-1	Fan Heat Sink for AMD Athlon™ FX with mounting clips

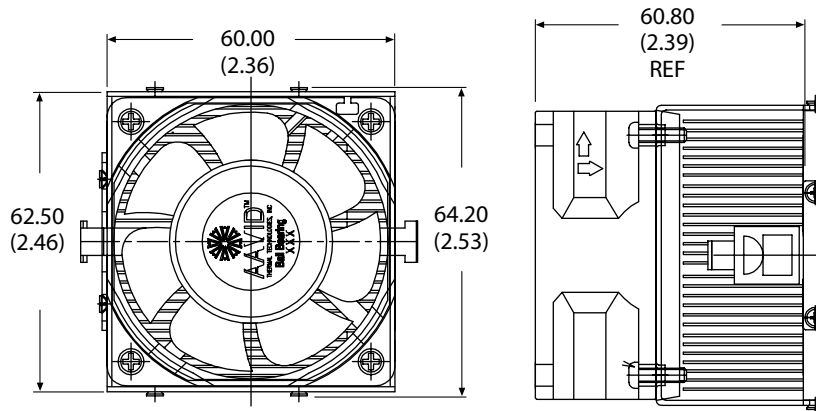


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MECHANICAL DRAWING:

Dimensions are shown as mm (in)



PHYSICAL SPECIFICATION:

Socket Type	462	
Construction	Base plate	Copper
	Fins	Aluminum Zipper
Thermal Interface Material¹	ShinEtsu X23-7762 Grease	
Weight	Grams 320	
Fan¹	Delta Pt. No. Everflow 12025DU Material: Plastic (UL 94V-0) Connector: 3P-2510 1 Black: Negative (-) 2 Red: Positive (+) 3 Yellow: Speed Sensor	

NOTES:

1. Substitutes available upon request

PERFORMANCE

	Value	Units
Thermal Performance		
Power	68	Watts
Case to ambient	0.61	°C/W
Fan		
Speed @ 12V	4900	RPM
Free Flow CFM		CFM
Noise (fan only)	35	dB-A
Operating Voltage		V
Reliability	40,000	Hrs

TEST PARAMETERS:

Test Platform: Aavid's Thermal Test Vehicle
CPU Power: Up to 68 Watts
Follows AMD recommended test specifications

<p>North America 80 Commercial Street Concord, NH 03301 TEL: (603) 224-9988 FAX: (603) 223-1790 EMAIL: info@aavid.com</p>	<p>Europe - Italy Via Aprile,32 40057 Cadriano (BO), Italy TEL: (39) 051 764011 FAX: (39) 051 764090 EMAIL: sales.it@aavid.com</p>	<p>Europe - England Cheney Manor Swindon SN2 2QN England TEL: 44(0) 1793 401400 FAX: 44(0)1793 615396 EMAIL: sales.uk@aavid.com</p>	<p>Asia - Taiwan, R.O.C. 14F-4, NO. 79, Hsin Tai Wu RD. SEC. 1, Hsi Chih Taipei Hsien Taiwan, R.O.C. TEL: 011(886) 2-2698-9888 FAX: 011(886) 2-2698-9808</p>	<p>Asia - Singapore 5 Woodlands Industrial Park E1 Singapore 757728 TEL: 65 -6362-8388 FAX: 65-6362-8588</p>
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TEL: (603) 224-9988**