



AAVID
THERMALLOY

AMD Athlon™ FX Processor Fan Heat Sink

ACTIVE HEAT SINK FOR AMD ATHLON™ FX 2400+ 2.0 GHz THROUGH 2800+ 2.1 GHz PROCESSORS

Aavid's solution for AMD's Athlon™ FX 2400+ through 2800+ processors is designed specifically for thermal engineers who require a cost effective solution for low cost mainstream and 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:

- *Full copper 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
D199-1	Fan Heat Sink for AMD Athlon™ FX with mounting clip

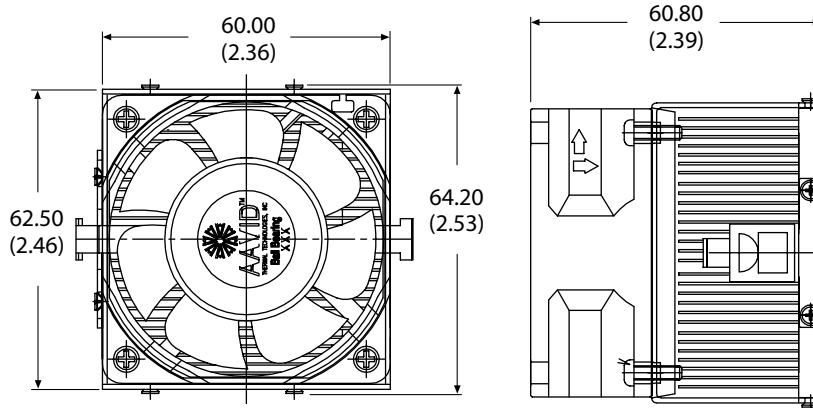


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MECHANICAL DRAWING:

Dimensions are shown as mm (in)



PHYSICAL SPECIFICATION:

Socket Type	462	
Construction	Base plate	Copper
	Fins	Copper Zipper
Thermal Interface Material¹	ShinEtsu X23-7762 Grease	
Weight	Grams 340	
Fan¹	Delta Pt. No. Everflow 12025DU	
	Material:	Plastic (UL 94V-0)
	Connector:	3P-2510
		1 Black: Negative (-) 2 Red: Positive (+) 3 Yellow: Speed Sensor

PERFORMANCE:

	Value	Units
Thermal Performance		
Power	68	Watts
θ Case to ambient	0.59	°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 68.3 Watts
 Follows AMD recommended test specifications

NOTES:

1. Substitutes available upon request

North America
 80 Commercial Street
 Concord, NH 03301
 TEL: (603) 224-9988
 FAX: (603) 223-1790
 EMAIL: info@aavid.com

Europe - Italy
 Via Aprile,32
 40057 Cadriano (BO), Italy
 TEL: (39) 051 764011
 FAX: (39) 051 764090
 EMAIL: sales.it@aavid.com

Europe - England
 Cheney Manor
 Swindon
 SN2 2QN
 England
 TEL: 44(0) 1793 401400
 FAX: 44(0)1793 615396
 EMAIL: sales.uk@aavid.com

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

Asia - Singapore
 5 Woodlands Industrial Park E1
 Singapore 757728
 TEL: 65 -6362-8388
 FAX: 65-6362-8588

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 TEL: (603) 224-9988**