



Titan Amanda TEC (Thermoelectric) Universal Heatpipe CPU Cooler for 775/AM2/AMD64

\$99.95

Product Images





Short Description

Great new Cooler from Titan is the Amanda TEC (Thermoelectric) Heatpipe Cooler. This is a high powered cooler utilizing a 50W TEC. It also sports two 92mm fans and a number of heatpipes transferring the heat from the TEC to the heatsink.

Description

Great new Cooler from Titan is the Amanda TEC (Thermoelectric) Heatpipe Cooler. This is a high powered cooler utilizing a 50W TEC. It also sports two 92mm fans and a number of heatpipes transferring the heat from the TEC to the heatsink. The TEC has the advantage of being able to use low speed quiet fans for extreme cooling. The TEC and low speed fans equate to a powerful cooling design as shown by the thermal resistance specifications. In order to control the TEC, Titan has included a PCI card to control and provide system feedback via software and LED's on the card. Tests have shown this to be the best Air Cooler on the market with temps being 7-8C lower than the best previously test Heatsinks under heavy CPU load. This is a highly recommended product!

Features

- Newest cooling design by combining TEC (Thermo-Electric Cooler) and heatpipe solution
- Smart cooling to maintain optimal temperatures for the CPU without condensation issues
- International patents, including USA, Germany, China, etc.
- Extremely low thermal resistance provides utmost cooling performance
- Super silent cooling operation
- Safety alarm system in case of the unlikely situation of the cooler malfunction

Specifications

Cooler Dimension	140 x 95 x 170mm
Thermoelectric Chip	40 x40 mm / 12V DC
Power Consumption	0% Loading / 5w 50% Loading / 28w 100% Loading / 50w
Heat Sink Material	4 heatpipes, Aluminum Fins & Copper Base
Heat Sink Dimension	90 x 90 x 160mm (D x W x H)
Fan Dimension	92 x 92 x 32mm
Fan Voltage Rating	12V DC
Fan Speed & Noise Level	1500RPM / <20 dba="" font="">
Weight	1035g (with tow Fans)
Thermal Resistance	0.12 -0.15(C/W)
Control Interface System	PCI Card
TEC Temperature Response Time	< 1 second
Power Input	12V DC / 5A
Controller Dimensions	136 x 121 x 21 mm (D x W x H)
Weight	50g
Orange Light	It means the Thermoelectric Chip is working. (When the temperature is over 25C, the TEC is working)
Red Light	When the CPU temperature is over 70C or less than 15C, the red LED light will blink and system will send the alarm.
Green Light	It means system power has already been started.

Notice:

Please note that the Amanda TEC cooler is especially designed for overclocking and high power consumption CPUs which produce a lot of heat, and it's able to cool the CPU temperature significantly. For some low power consumption CPUs, the temperature difference will not be so significant when using the Amanda TEC cooler.

The TEC cooler amanda will not fit on nvidia 680i sli mother board using corsair dominator memory sticks.

Additional Information

Brand	Titan
SKU	TTC-NP05TZ(RB)
Weight	4.0000
Material	Copper/Aluminum
Fan Dimensions	92mm
Fan Connection	3-Pin

