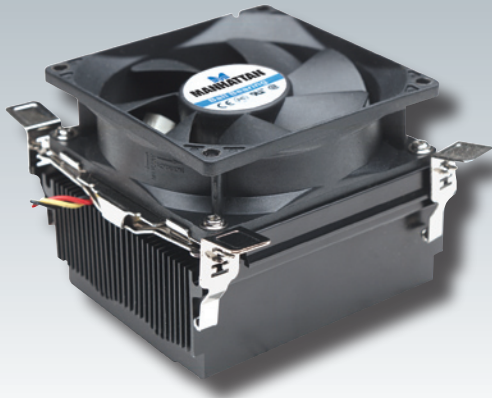# MANHATTAN

Socket 478 CPU Cooler

Model
702829

Improve performance, extend processor life and minimize heat-related damage to critical components

Computers and their internal components can generate large amounts of heat during operation. Without reliable and efficient cooling, this heat can contribute to poor performance and lead to a shorter service life. MANHATTAN® CPU Coolers conduct and dissipate heat away from processors to reduce the risk of heat damage and help them operate at safe temperatures and peak levels.

Lifetime Warranty
Strict manufacturing standards ensure the highest quality in all MANHATTAN products. All items carry a full Lifetime Warranty — the strongest quality commitment anyone can make.

LIFETIME
WARRANTY

LIFETIME
WARRANTY

Model
702829

Features

- Lightweight, rugged aluminum heat sink construction provides effective thermal conductivity and dissipation
- High-efficiency fan with ever-lubricated bearing delivers quiet, reliable cooling
- Helps protect Intel Pentium 4 processors from heat damage
- Easy installation; ideal for new systems, upgrades and replacements
- Lifetime Warranty

Specifications

HEAT SINK
- Supports Intel Pentium 4 (Socket 478); includes retention module clip
- Aluminum construction

FAN
- Air flow: 32.55 cfm
- Fan speed: 3000 rpm
- Thermal resistance: 0.33 C/W
- Noise level: 31.32
- Rated voltage: 12 V DC
- Connector: 3-pin; 229 mm (9 in.) power cable
- Air pressure: 3.21 +/- 15% mm H2O, maximum
- Voltage range: 10.2 - 13.8 V DC
- Input (maximum): current, 0.18 A; power, 3.0 W

DIMENSIONS
- Overall: 90 x 110 x 69 mm (3.5 x 4.3 x 2.7 in.)
- Heat sink: 90 x 85 x 45 mm (3.5 x 3.3 x 1.8 in.)
- Fan: 80 x 80 x 25 mm (3.1 x 3.1 x 1.0 in.)
- Weight: 370 g (13 oz.)

PACKAGE CONTENTS
- CPU Cooler with aluminum heat sink and plate (retention module clip included)
- Thermal paste
- User manual

For more information on MANHATTAN products, consult your local dealer or visit **www.manhattan-products.com**.

MANHATTAN
BRINGING COMPUTERS TO LIFE