

## Intel Socket 2011 Series 145W 2U Server CPU Cooler SF4P2U-F003-A01







## Features:

- Best-In-Class Thermal Performance: CPU Temperatures below 51°C @ 25°C Ambient Cooltron's Four Ø6mm Heat Pipes and Zipped Stamping Fin Stack with 60 x 25 mm PWM Fan accelerate up to 145W heat vortex dissipation, and patented Flat & Tight-fitting Heat Pipes embedding & engaging technologies enable to reduce the total thermal resistance to the minimum that help drop CPU temperatures instantly to avoid any overheated CPU breakdown
- PWM Fan for Smart Control & Power Saving; Low Noise for Quiet Operation
   PWM featured Fan can adjust fan speeds to different CPU thermal requirements and save power consumption. Low Noise feature also help create a quieter servers-intensive working place
- Comprehensive Intel CPU Compatibility
  Supports Intel LGA 2011 Sockets for compatible Intel CPUs Xeon E5, Xeon E5 V2, Core i7
- Easy & Flexible Installation Cooltron's complete CPU Cooler package including mounting system and thermal paste ensures easy and quick installation. It's also flexible for user to install the CPU Cooler from any angles.

## **CPU Temperature Rise**

| Server Size | CPU Socket               | TDP(W) | Ambient<br>Temperature<br>Ta (°C) | CPU<br>Temperature<br>Tc(℃) | Temperature<br>Rise<br>△T (°C) | Thermal<br>Resistance<br>(°C/W) |
|-------------|--------------------------|--------|-----------------------------------|-----------------------------|--------------------------------|---------------------------------|
| 2U          | Intel LGA 2011<br>Narrow | 145.00 | 25.00                             | 51.00                       | 26.00                          | 0.179                           |

## **Product Information:**

| Model Number:          | SF4P2U-F003-A01  |     | Dimension (mm):    | 60*60*25   |  |
|------------------------|--|-----|--------------------|------------|--|
| TDD (MA).              |  | Fan | Air Flow (CFM):    | 38.07(max) |  |
| TDP (W):               | 145W   |     | Pres. (mm-H2O):    | 14.7(max)  |  |
| Compatible CPU Socket: | Intel LGA 2011 Narrow  |     | Noise (dBA):       | 37.64      |  |
| Application:           | 2U Server and up (Active)                                      |     | Speed (RPM):       | 6,800 ±10% |  |
| дрисации.              |  |     | MTTF (hours):      | 50,000     |  |
| Dimension (mm):        | 103.75 x 76.7 x 69   |     | Voltage (VDC):     | 12         |  |
|                        | AL Base + Cu Block + AL Fin +<br>Heatpipe(Ø 6mm x 4)+ 6025 Fan |     | Current (mA):      | 450        |  |
| Heat Sinks:            |  |     | Power Connector:   | 4-pin PWM  |  |
|                        | rieatpipe(@ offiffix 4)* 0025 raff                             |     | Power Consumption: | 5.4 W      |  |

Applications: Data-Center, Rack & Tower Servers, High Speed Computing