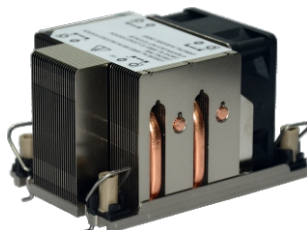# COOLTRON ®

Intel Socket 4189 Series 250W 2U Server CPU Cooler

SF4P2U-F007-A01

Features :

- **Best-In-Class Thermal Performance: CPU Temperatures below 56°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 250W 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 Narrow Type Intel LGA 4189 Sockets for 3rd Generation Intel Xeon Scalable processors, Intel Ice Lake-SP (ICL-SP) and Cooper Laker (CPL)
- **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 Temperature Ta (°C)	CPU Temperature Tc(℃)	Temperature Rise △T (°C)	Thermal Resistance (°C/W)
2U	Intel FCLGA 4189 Narrow ILM (Whitley)	250.00	25.00	55.47	30.47	0.122

Product Information:

Model Number:	SF4P2U-F007-A01		Dimension (mm):	60*60*25
TDP (W):	250W		Air Flow (CFM):	47.5(max)
Compatible CPU Socket:	Intel FCLGA 4189 Narrow ILM (Whitley)		Pres. (mm-H2O):	23.5(max)
Application:	2U Server and up (Active)		Noise (dBA):	44.7
Dimension (mm):	113.0 x 78.0 x 64.0	Fan	Speed (RPM):	9,000 ±10%
			MTTF (hours):	50,000
			Voltage (VDC):	12
Heat Sinks:	AL Base + Cu Block + AL Fin + Heatpipe + 6025 Fan		Current (mA):	1000
			Power Connector:	4pin
			Power Consumption:	12 W

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