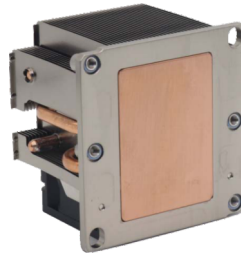# COOLTRON®

Intel Socket 3647 Series 205W 2U Server CPU Cooler

SF4P2U-F002-A01

Features :

- **Best-In-Class Thermal Performance: CPU Temperatures below 59°C @ 25°C Ambient**
  Cooltron's Twin-Tower designs of Four Ø6mm Heat Pipes and Zipped Stamping Fin Stacks with 60 x 25 mm PWM Fan accelerate up to 205W 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 Square Type Intel LGA 3647 Sockets for compatible Intel CPUs – Xeon Phi X200, Xeon Phi 72x5, Skylake-SP, Cascade Lake – SP/AP, Cascade Lake – W
- **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 3647 Square ILM	205.00	25.00	58.46	33.46	0.163

Product Information:

Model Number:	SF4P2U-F002-A01		Dimension (mm):	60*60*25
TDP (W):	205W		Air Flow (CFM):	38.07(max)
			Pres. (mm-H2O):	14.7(max)
Compatible CPU Socket:	Intel FCLGA 3647 Square ILM		Noise (dBA):	37.64
Application:	2U Server and up (Active)	Fan	Speed (RPM):	6,800 ±10%
			MTTF (hours):	50,000
Dimension (mm):	91.0 x 88.0 x 64.0		Voltage (VDC):	12
			Current (mA):	450
Heat Sinks:	AL Base + Cu Block + AL Fin + Heatpipe(Ø 6mm x 4) + 6025 Fan		Power Connector:	4-pin PWM
			Power Consumption:	5.4 W

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