

**LGA3647 · 4U SERVER CPU AIR COOLER**

# LGA3647-4Z12

Copper base with heat pipes with copper fins for LGA3647 platforms in 4U server chassis. Final selection should be validated against chassis airflow, inlet air temperature, fan curve, mounting condition and CPU thermal limit.

LGA3647

4U SERVER

HEAT-PIPE

COPPER FINS

REF. LOAD UP TO 300 W



MAIN VIEW



VIEW 2



VIEW 3

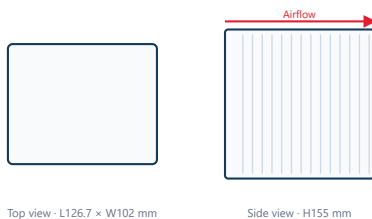
## KEY SPECIFICATIONS

<b>Product Model</b>	LGA3647-4Z12
<b>Product Type</b>	4U Server CPU Air Cooler
<b>Socket / Platform</b>	LGA3647
<b>Overall Size</b>	L126.7 x W102 x H155 mm
<b>Mounting Hole Pitch</b>	TBD
<b>Fin Thickness</b>	TBD
<b>Fin Spacing</b>	TBD
<b>Reference Thermal Load</b>	Up to 300 W, subject to system airflow validation
<b>Weight</b>	TBD

## CONSTRUCTION

<b>Base</b>	Copper base with heat pipes
<b>Fins</b>	Copper fins
<b>Material (as cataloged)</b>	Copper & Aluminum & Heat Pipe
<b>Fan</b>	PWM 1000-2200RPM
<b>Bearing</b>	Double Ball Bearings
<b>Voltage</b>	12 V
<b>Surface Finish</b>	TBD / per customer requirement
<b>Airflow Direction</b>	Front-to-back, subject to chassis ducting

## MECHANICAL INTERFACE & DIMENSIONS



Mounting Hole Pitch: TBD

CPU Contact Area: TBD

Screw Type: TBD

Recommended Torque: TBD

Base Flatness: TBD

Keep-out Zone: per customer drawing

Mechanical compatibility must be confirmed against the customer motherboard, CPU socket keep-out zone, chassis height and mounting hardware.

## THERMAL PERFORMANCE NOTES

Reference thermal load: 300 W. Final performance depends on airflow, inlet air temperature, fan curve, chassis ducting, CPU thermal limit, TIM condition and mounting pressure.

Thermal Resistance: TBD °C/W

Recommended Airflow: TBD CFM

Pressure Drop: TBD Pa

Test Condition: TBD

### RFQ / PLATFORM DATA NEEDED

For accurate selection or quotation, please provide platform/socket, target heat load, chassis height (1U/2U/4U), available airflow, inlet air temperature, fan curve or pressure condition, mounting requirement and expected quantity. Drawings or 3D model welcome.