

LGA4677 · 2U SERVER CPU AIR COOLER

LGA4677-3Z07

Copper base with heat pipes with copper fins for LGA4677 platforms in 2U server chassis. Final selection should be validated against chassis airflow, inlet air temperature, fan curve, mounting condition and CPU thermal limit.

LGA4677
2U SERVER
HEAT-PIPE
COPPER FINS
REF. LOAD UP TO 400 W


MAIN VIEW



VIEW 2



VIEW 3



VIEW 4

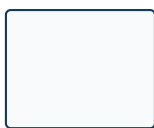
KEY SPECIFICATIONS

Product Model	LGA4677-3Z07
Product Type	2U Server CPU Air Cooler
Socket / Platform	LGA4677
Overall Size	L130 x W103 x H154 mm
Mounting Hole Pitch	TBD
Fin Thickness	TBD
Fin Spacing	TBD
Reference Thermal Load	Up to 400 W, subject to system airflow validation
Weight	TBD

CONSTRUCTION

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

MECHANICAL INTERFACE & DIMENSIONS



Top view - L130 x W103 mm



Side view - H154 mm

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: 400 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.