

Total Thermal Solution

High all-encompassing design High cost-efficient solution

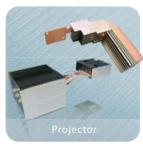
■ SUNON Customization Capability

















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SUNON®

Sunon Offers Heat Dissipation Total Solution Technology and Services

With 40 years experience, Sunon has been concentrating on the research and development of motor core techniques, which has given Sunon a vast clientele with a wide assortment of system experiences and cooling problem-solving abilities. Sunon has been utilizing state-of-the-art equipment and innovative techniques to tailor-make the optimized cooling systems for our clients' latest concept commodities. From function, accessory shape and cost, to perception about commodity experience. Sunon has been paying careful attention to meet clients' particular goals and requirements.

SUNON's Total Solution

- ✓ Increases product profitability
- Reduces development costs and increases profits
- Decreases prototype development time
- Provides the most economic design solution





■ Intel Ice Lake Server Processor Heatsink Module



EVAC

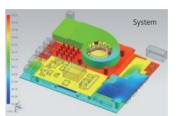


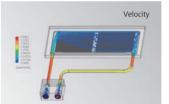
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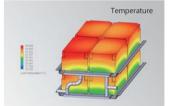












■ Thermal Solution Design & Simulation Analysis

- Individual module / system thermal analysis
- Custom CM design
- Vent Optimization

- Temperature distribution
- Velocity profile
- Pressure distribution

Which Cooling Module Suits You the BEST?

~300W Heat Sink & Fan



Fan From 8x8x5mm~Ø254x89mm

Heat Pipe



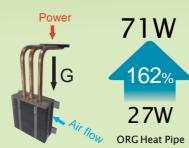
Heat Pipe: D8x6pcs,L:295~388mm Air Flow: 100CFM

High Power Heat Pipe

The High-Power Heat Pipe possesses high capability of delivering heat energy.

D8 round heat pipe, Qmax could reach 100W for 400mm in length or so.

Anti-Gravity Heat Pipe Module





Thickness: 0.4 mm ~ 3 mm Qmax: 40~1000W

Great for Multiple Heat Source

- · Isothermal to 1-2°C
- · High Qmax
- High power density
- · Lower thermal resistance
- · Planar or Radial heat flow

1000W Cold Plate TYPE: Integral / Pipelining / Embedded



Integral Type + Pipelining Design Application: Switch TDP: 800 W Size: 510 x 250 x 22 mm

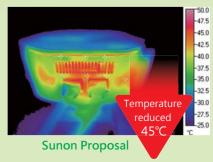
Great for High Power Application

- · High Power Density

IR thermography Analysis Temperature Distribution



Original Design



- Large Power
- · Multi Heat Sources
- · Thermal Efficiency