

PRODUCT DATA SHEET

Intel Xeon 6

Fully sealed liquid cold plate for Intel Xeon 6 processor family

JetCool's SmartPlate™ cold plate is designed for Intel Xeon 6 processors, supporting both P- and E-core architectures (Granite Rapids and Sierra Forest). Leveraging single-phase, direct-to-chip technology, SmartPlate delivers targeted hotspot cooling and supports thermal loads up to 350W TDP. The result: industry-leading efficiency, higher compute density, and reliable performance for demanding workloads.

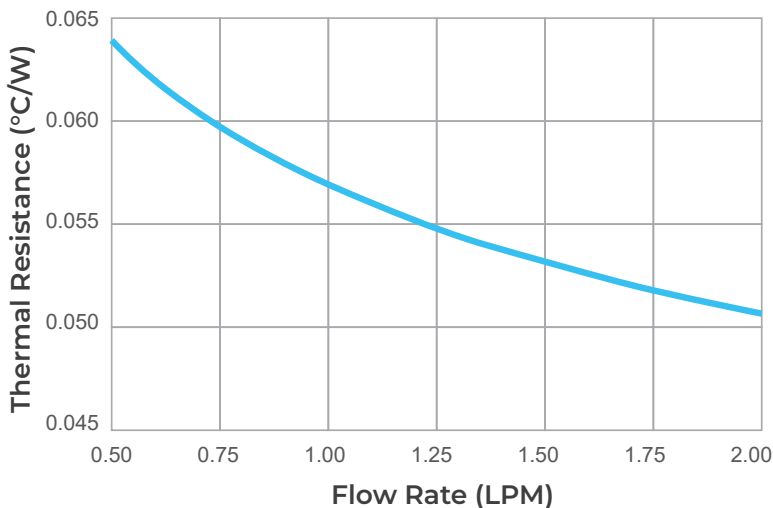
End-to-End Liquid Cooling Partner

JetCool delivers end-to-end liquid cooling for Intel Xeon 6 with deployment options aligned to your infrastructure requirements. Start with liquid-assisted air cooling that requires no facility plumbing, expand to cold plate loops for targeted direct-to-chip performance, or scale to fully integrated server and rack-level liquid cooling. Our flexible packaging supports a clear path from initial adoption to high-density, high-efficiency operation.

Thermal Resistance

Junction to Fluid, PG25, 40°C Fluid Inlet

Tested on Dell PowerEdge R770 with Intel LGA4710 CPU



PRODUCT SPECIFICATIONS

Processor Socket	Intel LGA 4710 & 4677
L x W x H (mm)	118 x 78 x 22
Weight (Dry)	600 g
Fluid Inlet Temp.	18°C to 70°C
Operating Pressure (Cont.)	72 psi
Burst Pressure Withstand	216 psi
Design Fluid Flow Rate	0.75 LPM
Hose ID*	6.25 mm
Inlet / Outlet Fittings*	0.25 in Push-Lok

*Application dependent with alternatives available on request



Patented Technology, Additional Patents Pending.