

SimOps Thermal Analysis

Job: Cube

Date: 2025-12-28 17:08

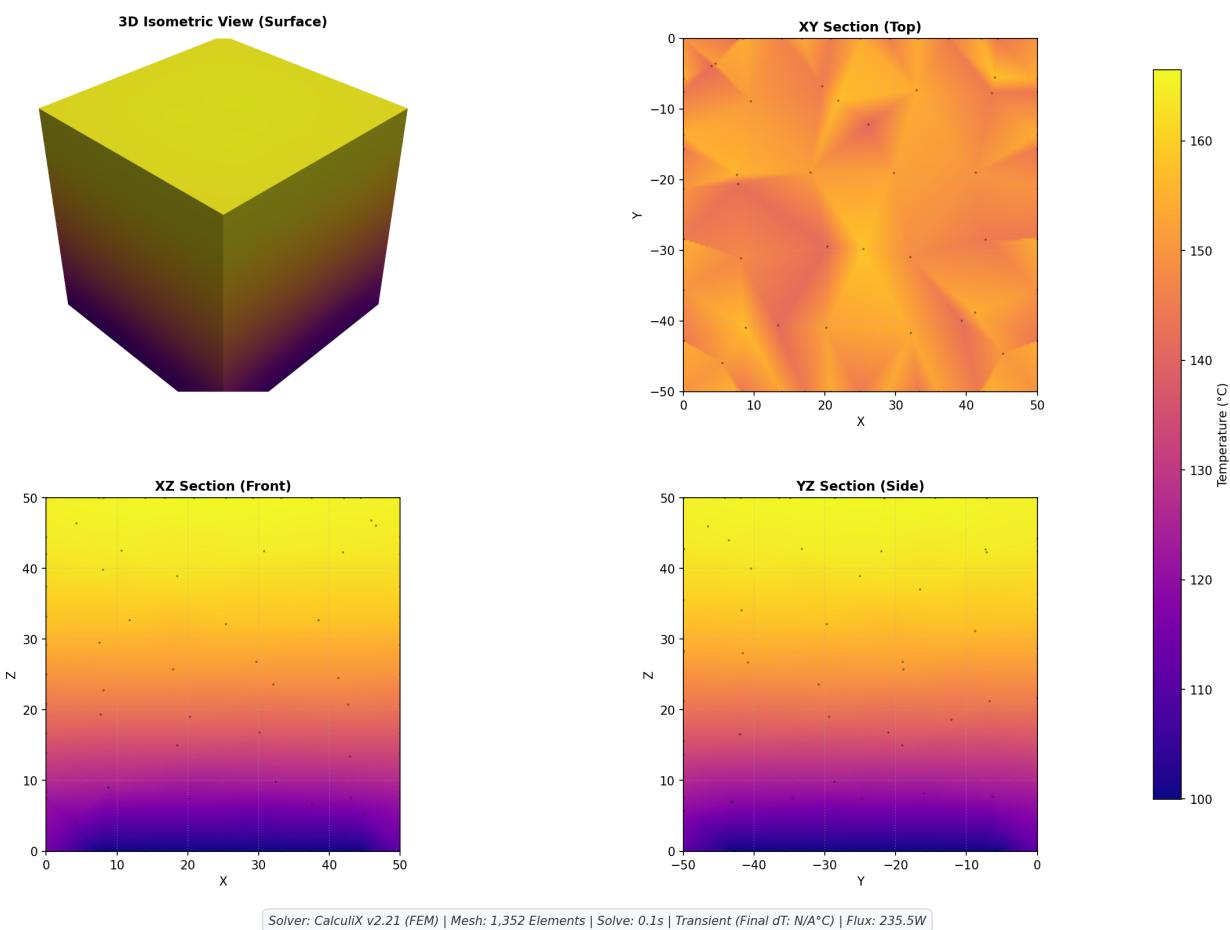
SIMULATION STATUS: PASS

Metric	Value
Strategy Used	MedFi_Robust
Max Temperature	166.5 °C
Min Temperature	100.0 °C
Range (Delta T)	66.5 °C
Mesh Elements	1,352
Solve Time	0.10 s

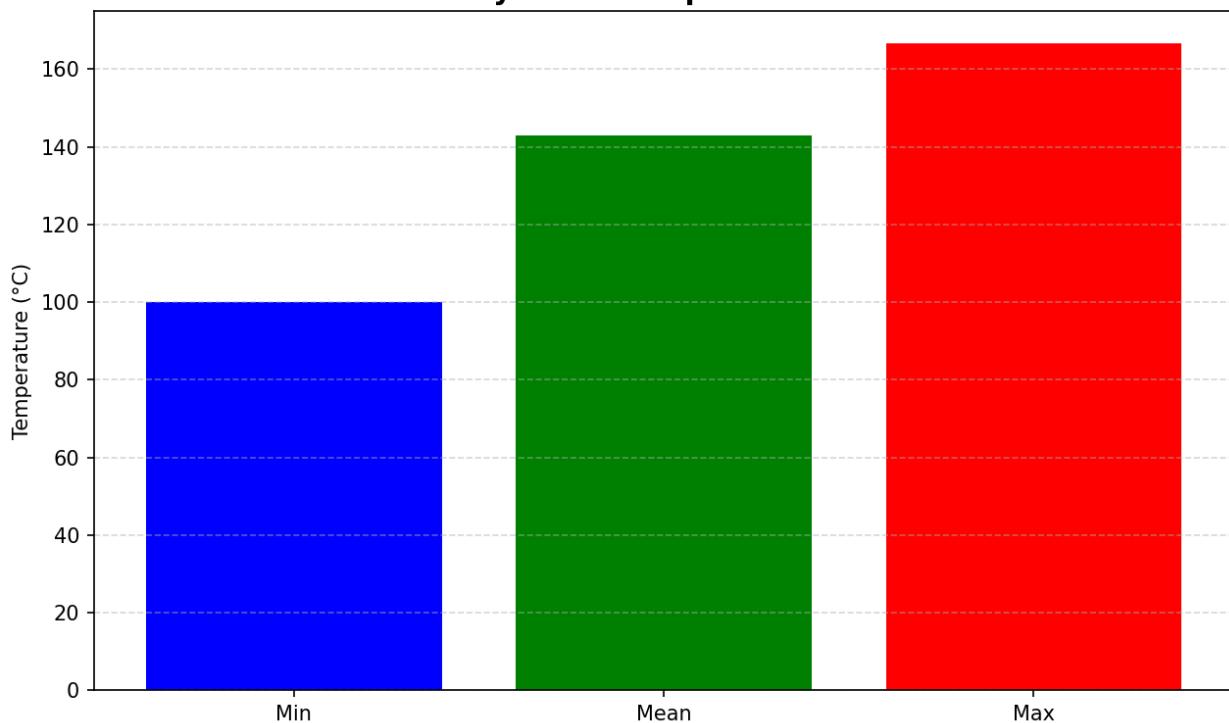
Thermal Distribution Maps

Sim Results - Cube (Forced Conv.)

Material: Aluminum 6061 | Ambient: 25°C | Source: 100°C | $h=250.0 \text{ W/m}^2\text{K}$



Steady-State Temperature: Cube



Generated by SimOps Autonomous Pipeline
Confidential - 2025