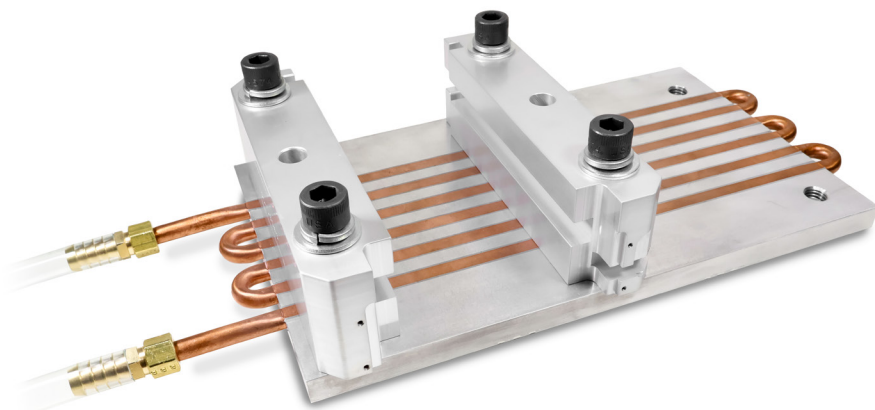
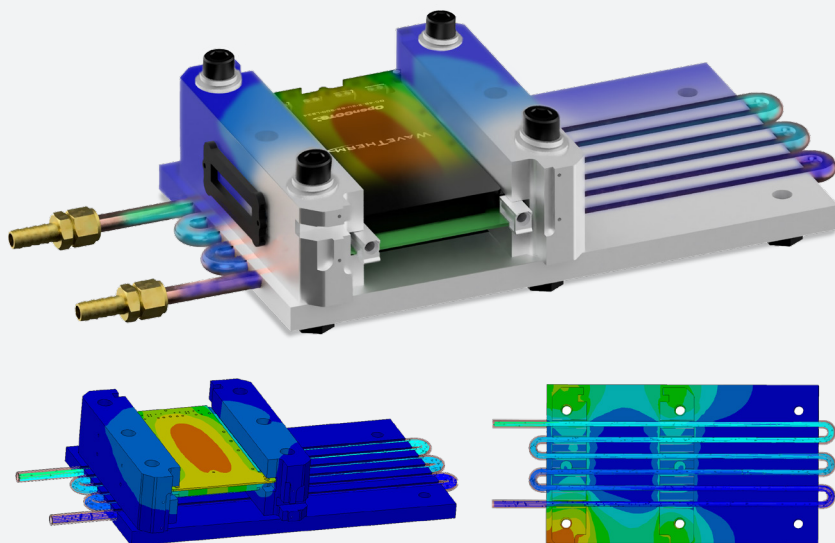


The Liquid-Cooled Cold Plate Test Fixture is a cost-effective solution for thermal testing of conduction-cooled single board computers. The modular design is compatible with both 3U and 6U modules, allowing for greater flexibility and scalability. The included type T thermocouples are embedded in the upper and lower chassis walls to monitor temperature in real time.

## LIQUID COOLED TEST FIXTURE FOR CONDUCTION COOLED PCBs



## DESIGN - SIMULATE - TEST



### INCLUDES

Liquid-Flow-Through Cold Plate  
Tubing and Fittings  
Mounting Hardware  
Chassis Cold Walls (x2)  
Cold Wall Gap Pads (x2)  
Thermocouple Covers (x2)  
Type T Thermocouples (x8)  
Hex Key

### MATERIALS / FINISHES

Cold Walls:

AL6061-T6511

Chem Film Type II, Class 1A

Gap Pads:

Laird Technologies A10092-01

Mounting Feet/Thermocouple Covers:  
PETG CF

Copper Tube  
Thermal Epoxy  
Brass Fittings  
Soft Clear PVC Tubing  
Stainless Tube Clamps  
Type T Thermocouples

### ECOSYSTEMS

OpenCOTS™ VPX™ SPACE VPX™

The OpenCOTS Design Kit promotes the rapid validation of 3U and 6U conduction-cooled single board computers. The WaveTherm Liquid-Cooled Cold Plate Test Fixture is a key component of this kit that provides efficient thermal analysis for boards under test. Achieve faster deployment with objective analysis.

## PART NUMBER BUILDER

<b>OC</b>	<b>XXXX</b>	<b>CP</b>	<b>XX</b>
Family: OPENCOTS	VITA Spec:	Plate:	Slots: [1S] - 1
VITA 48.2 3U/6U - [48.2] VITA 78 3U - [3U78] VITA 78 6U - [6U78]		LIQUID FLOW THROUGH COLD PLATE	

Note:

Vita 78 requires different cold walls for 3U and 6U  
Vita 48.2 cold walls work for both 3U and 6U

### INTERCHANGEABLE COLD WALLS

The Liquid-Cooled Test Fixture is compatible with any of WaveTherm's cold walls.

### BACKPLANE COMPATIBILITY

**3U**

Elma 101VPX301P-1X31R

**6U**

Elma 101VPX601P-9X12R

Contact for custom backplane compatibility

