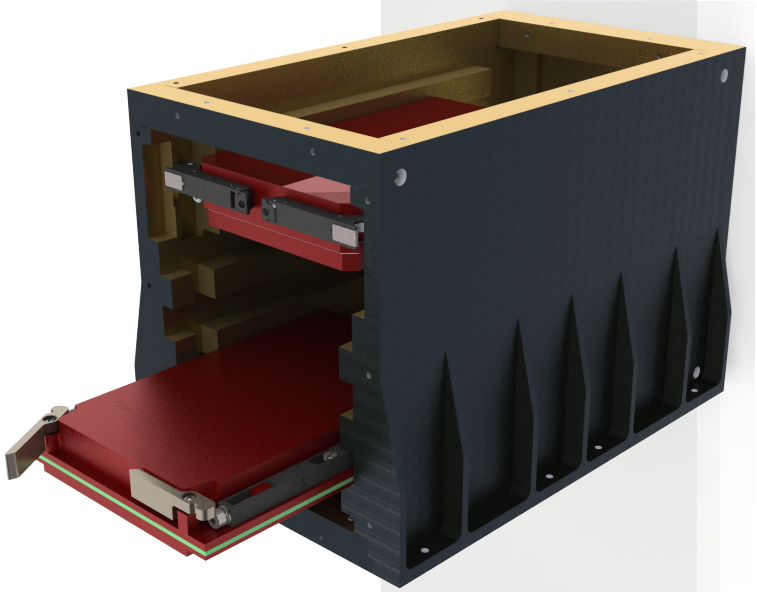
WAKEFIELDTHERMAL
RUGGED & DEFENSE

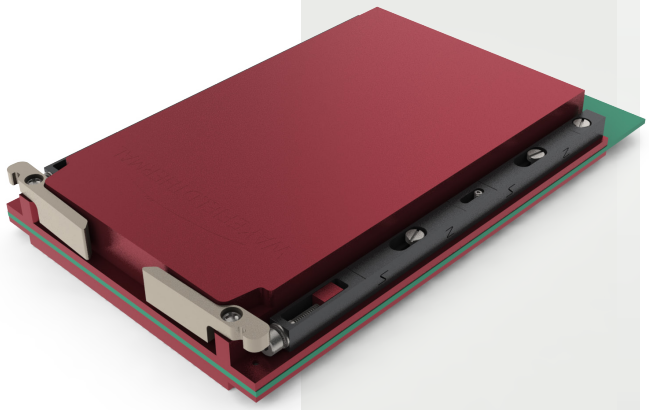
CCC-3S-3U CONDUCTION COOLED CHASSIS DATA SHEET



Wakefield Thermal's VPX 3U Conduction Cooled Chassis are used in various harsh rugged and defense applications. These applications include shipborne, airborne, and ground mission critical equipment.

The VPX 3U Conduction Cooled Chassis are designed to meet VITA 48.2 standards and integrate respective components, such as heat frames, seamlessly.

Utilizing plug in boards, the conduction cooled heat frame transfers the heat from the components to the chassis flows through heatsinks in the chassis, to provide optimal cooling of the electronic devices. The chassis holds up to three 3U plug in boards and can accept a backplane and power supply for testing purposes.



FEATURES

- Designed for use in VITA 48.2 applications
- Holds up to 3 VPX 3U cards
- Heatframe sold separately. See data sheet VPX-482085-3U

THERMAL SOLUTIONS SEGMENT

APPLIED SOLUTIONS GROUP
THE HEICO COMPANIES

COOLVATION
Innovative Thermal Solutions

5 STEP
THERMAL ENGINEERING GUIDE
From Concept To Cooling

COOLVATION provides thermal management engineering services to improve products' thermal performance while applying cost effective solutions to eliminate unnecessary manufacturing costs. COOLVATION is a seamless resource extension for our customers' thermal & mechanical engineering teams from ideation to lab testing.

Customer Thermal Challenge
Physical limitations
Power constraints
Air flow/ fluid conditions
Environmental conditions
Component specifications
Define ideal state

01 STEP

Execution
Concept analysis
(CFD-ansys/ ice pack, fin optimizations software)
Solid model
Analysis & verification
Cost analysis

02 STEP

Collaboration
Review conditions
Statement of work to customer
Historical consideration along with cutting edge technologies to provide cost effective solution

03 STEP

Global Manufacturing
Global manufacturing facilities
Global warehousing
Global labs to support future program

04 STEP

Solution & Verification
Dedicated new product development center
Prototype
Physical thermal lab testing
Proven manufacturability

05 STEP

WAKEFIELDTHERMAL

CIA DESIGN

VETTE CORP.

Coolcentric™

PRECISION ENGINEERING LLC
ADVANCED METALWORKING | Fabricating Solutions, Forming Results