

OpenCOTS is a line of standard mechanical and thermal products from WaveTherm for VPX and cPCI applications. They are intended for companies which build open, modular computing solutions.



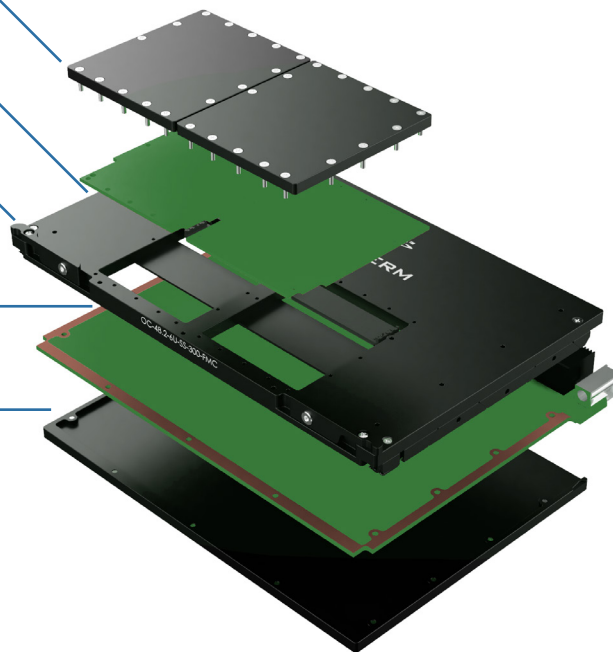
Level 2 Covers

SolidWedge Wedgelocks

Injector/Ejector

Host Heat Frame

Host Rear Cover



INCLUDES

- Host Heat Frame
- Host Rear Cover
- Pair of SolidWedge Wedgelocks
- Field Replaceable Injector/Ejector
- Thermal Interface Materials
- Assembly Hardware

STANDARD SETUPS

- PMC/XMC
- FMC
- COM-Xpress
- Front I/O
- Secondary Side Wedgelocks
- Primary Side Wedgelocks
- Common PCB Layout for Conduction Cooled Designs

MATERIALS

- Heat Frame and Covers
- Aluminum 6061-T6

FEATURES

- Complies to VPX Standards
- Customizable Heat Plates
- Innovative XMC/PMC Heat Plates




Rugged Design Kit for development of 3U conduction-cooled VPX single board computers. Standard heatframe components provided represent a high performance thermo-mechanical design, and reduces engineering and fabrication costs associated with customization.


PART NUMBER BUILDER

Required						Additional
OC	-48.2-	6U	-XX-	XXX-	XXX-	Y
Family OPENCOTS	Vita 48.2	Size 6U	Orientation	Wedglock	Mezzanine	Add'l
PRIMARY SIDE (160MM) - [PS] SECONDARY SIDE (160MM) - [SS] PASS THROUGH (160MM) - [PT]			0.225" WIDTH - [225] 0.250" WIDTH - [250] 0.300" WIDTH - [300]		[N] - NO MEZZANINE [FMC] - FPGA MEZZANINE CARD [PMC] - PMC/XMC MEZZANINE CARD [PERIM] - PERIMETER FRAME [T] - THICK PCB (NOMINAL > 0.063")	


ORIENTATIONS



PRIMARY SIDE




SECONDARY SIDE

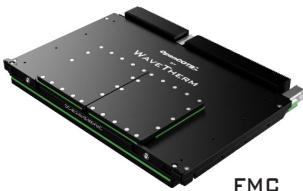


PASS THROUGH


MEZZANINES



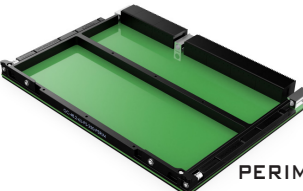
NO MEZZANINE



FMC



PMC/XMC



PERIMETER

PCB REFERENCE DRAWINGS

Available online at wavetherm.com:

1. Select heatframe model
2. Choose configuration options
3. Click "PCB Drawing" to open the drawing for the current configuration

[OPENCOTS PRODUCTS](#)

WAVETHERM OPENCOTS DESIGN SERVICES

WaveTherm offers design services adhering to industry standards for industrial computing, including VITA and IEEE. Specializing in thermal management and electronic packaging, WaveTherm provides expertise in custom heatsink design, thermal simulation, and open scalable solutions for rugged computing. With a team of experienced engineers, WaveTherm delivers cutting-edge designs that meet industry standards and client specifications.

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