

# 3U VPX POWER AND GROUND ONLY

## CompacFrame, 1-4 Slots

### DESCRIPTION

Elma's all-new slimline CompacFrame is the next-generation platform designed to accelerate development and test of Plug-In Cards (PICs) aligned to the SOSA Technical Standard. The 3U card cage in the platform is tilted upwards by 5° for easier card access and accommodates backplanes up to 4 slots.

### Functional Features

- Accommodates up to 4-slot OpenVPX or VPX power & ground only backplanes
- Various combinations of VITA 48.1 convection-cooled, VITA 48.2 conduction-cooled VPX 3U slots are possible.
- 300W ATX PSU standard, with option to replace with 3U VITA 62 plug-in power supply
- Integrated carry handle
- 5° upwards tilt to card cage
- Front panel voltage monitoring LED's and test points
- Front panel reset and rear power entry module
- Optional plug-in VITA 46.11 compliant Chassis Manager(ChMC)
- Accommodates air-cooled and conduction-cooled plug-in cards (PICs)

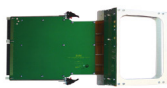


### APPLICATIONS

The CompacFrame family of development platforms facilitate new card and system design implementations and testing aligned to SOSA.

- › Sensor payloads
- › Electronic Warfare (EW)
- › C5ISR
- › Target tracking and display
- › Navigation Systems
- › Threat detection
- › Image and data processing

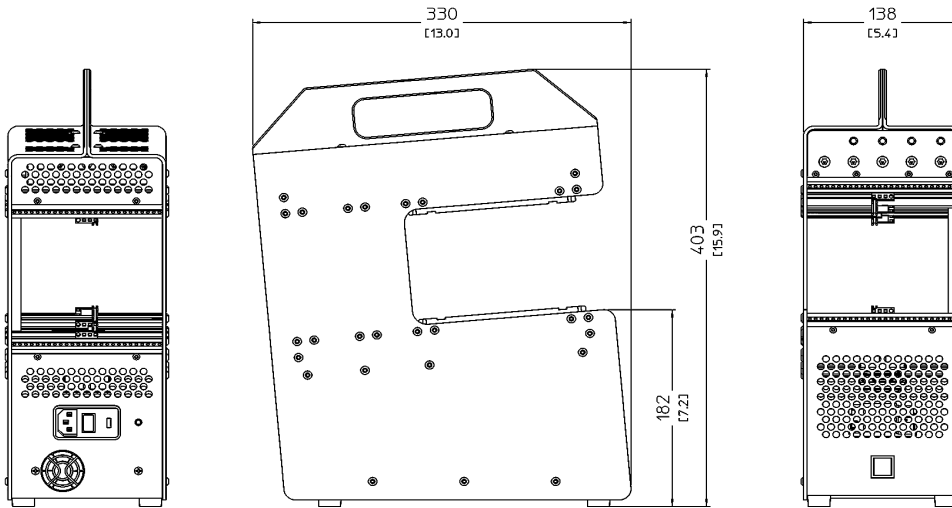
### RELATED PRODUCTS



- › Load boards and extender boards
- › Rear transition modules
- › Backplane interconnect cabling
- › Pluggable power supplies
- › Complete line of payload boards
- › Application ready integrated systems
- › VITA 46.11 Shelf Manager

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**LINE DRAWING****ELECTRICAL SPECIFICATIONS**

## AC Input

- > Input Voltage 90 – 264 VAC
- > Input Current 6.3A max.
- > Input Frequency 47 – 63 Hz

**OUTPUT SPECIFICATIONS**

Voltage	+5V	+12V	+3.3V	-12V
Max Load	35.0A	18.0A	28.0A	1.0/3A
Min Load	0-1.0A	0-0.5A	0-0.3A	0.0A
Peak Load	---	22.0A	---	---
Regulation	±5%	±5%	±5%	±5%
Ripple & Noise	50mV	120mV	50mV	120mV

**ORDER INFORMATION**

Contact Sales for more information.

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