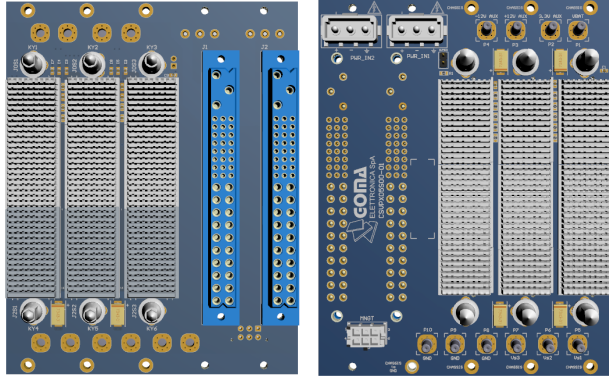


Building Blocks

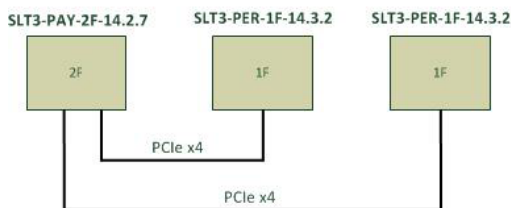
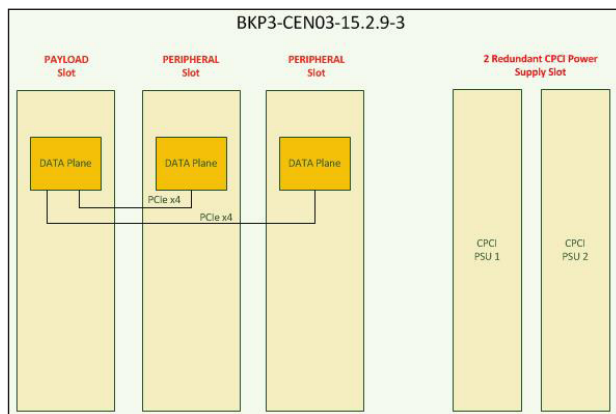
3U Backplane VPX series



Features

- ▶ 3U backplane with 3 slots
- ▶ 2x 47pin Power Supply slots
- ▶ Single Star Topology

Layout



Specification

BB-153 - Rev.1

Standards	Compliant to VITA 46.0 baseline specification Compliant to VITA 46.4 Single Star x4 PCI Express Compliant to VITA 46.10 with RTM connectors Compliant to VITA 65.x / Open VPX
Form Factor	3U, 3 VPX slots and 2x 47pin Power Supply slots 0,8" (20.32mm) slot pitch
Topology	Single Star Topology, 6,25 Gbaud
Backplane Profile	BKP3-CEN03-15.2.9-3 - Slot 1 Profile: SLT3-PAY-2F-14.2.7 - Slot 2 Profile: SLT3-PER-1F-14-3-2 - Slot 3 Profile: SLT3-PER-1F-14-3-2 - Supports geographical addressing - Non-volatile memory Read Only set by jumper
Power	- Support VAC or VDC input on PWR_IN1 and PWR_IN2 connectors - M3 power Stud for power delivery (3.3V Aux and +12V Aux are respectively connected to 3.3V and +12V on Backplane) - M3 Power stud for external Vbat supply - Fail and Inhibit signals of two PSU are available on MNGT Connector - Flexible Keying and alignment mechanism
Power Socket	PICMG 2.11 47pin-socket x2 3U 8HP redundant power module
Dimensions	- PCB Size: 100.4mm x 128.7mm Supports VITA 46.4 - PCB Material: S1000-2M - PCB Thickness: 4.57mm
Environmental	- Operative Temperature: -40°C ... +85°C - Storage Temperature: -55°C ... +105°C - Conformal Coating: optional

Ordering Information

BKPVXP3-03S-08-2P-01 Backplane 3U, VITA 65 / Open VPX 3 slot, Profile BKP3-CEN03-15.2.9-3 with 2 x PICMG 2.11 47 pin Positronic connectors for PSU