



# 6U OpenVPX Development Chassis

## 19" Starter Cage with uncommitted back plane

The 6U OpenVPX Starter chassis from Abaco Systems Embedded Systems is a rack mountable lab chassis designed to support fast prototyping of multi board 6U OpenVPX systems.

Abaco's 6U OpenVPX Starter chassis includes a four slot uncommitted backplane, ATX power supply, four hard disk drives and variable speed fans.

Each pay load slot is routed to a dedicated fabric interface routing the P1 data, and P2 expansion planes to rear transition modules.

This innovative concept enables a variety of multi-board / multi-node processor configurations during system design and application development.

In addition, each pay load slot provides a direct interface to the P3 to P6 user I/O of the processor card via its' own rear transition module.

The system integrator can now define and demonstrate multiple architectures with Abaco's deployable COTS boards to identify optimal configurations before making hard decisions about the SWaP profile of the final platform.

The development chassis can accommodate a range of Abaco's COTS processor and I/O modules, including our latest OpenVPX INTEL, NVIDIA and high speed fabric switch cards. The chassis has been included in several product bundles such as our integrated SC-S-CUDA6USK1 multi GPGPU platform.

### FEATURES:

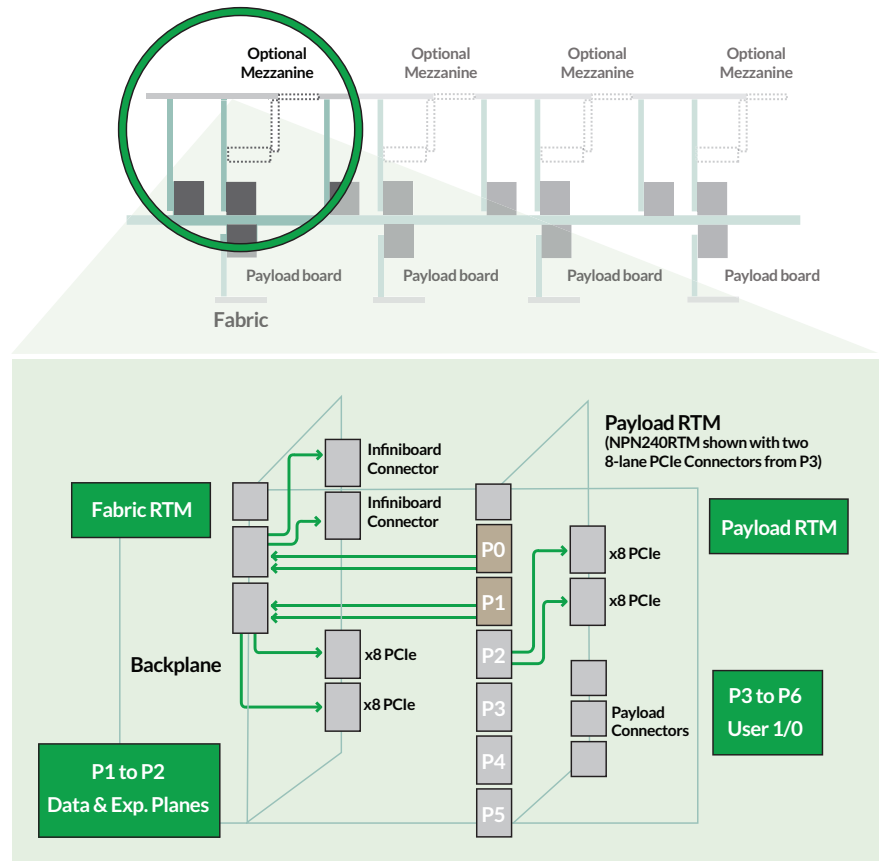
- 4 slot 6U OpenVPX chassis with uncommitted backplane
- Four rotary hard disk drives
- ATX Power Supply
- Variable speed cooling fans

## SCVPX6U Four slot 19" rack mount development chassis

### Specifications

- 6U VITA 46 OpenVPX uncommitted backplane
- Four 6U Pay Load Slots
- IEEE Std. 1101.10 compliant card frame
- 650W power-factor-corrected auto-ranging PSU
- Adjustable forced air cooling
- Primary power switch
- System reset switch
- Rack mountable

### Block diagram



### Ordering information

SCVPX6U

4 Slot 19" 6U OpenVPX development chassis

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