6U OpenVPX Development Chassis
19" Starter Cage with uncommitted back plane

Features

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

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

GE'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 GE'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 GE'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.
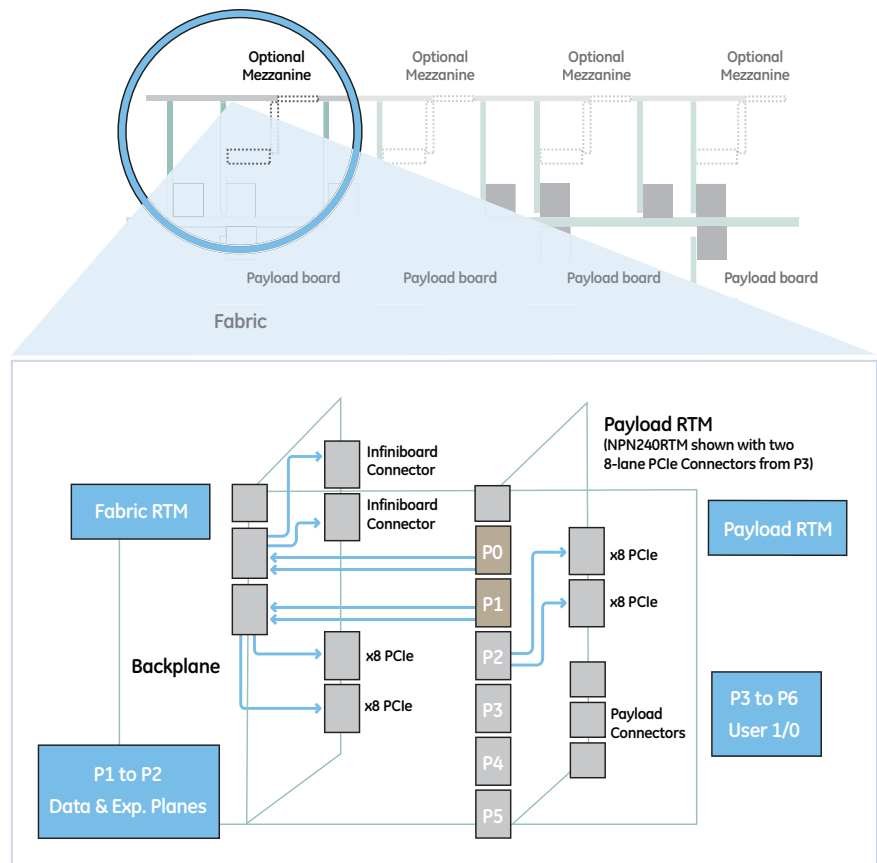
SCVPX6U – Four slot 19" rack mount development chassis

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

System Block Diagram showing Data Plane and Expansion Plane interconnect

Ordering Information

SCVPX6U – 4 Slot 19" 6U OpenVPX development chassis

About GE Intelligent Platforms

GE Intelligent Platforms, a General Electric Company (NYSE: GE), is an experienced high-performance technology company and a global provider of hardware, software, services, and expertise in automation and embedded computing. We offer a unique foundation of agile, advanced and ultra-reliable technology that provides customers a sustainable advantage in the industries they serve, including energy, water, consumer packaged goods, government and defense, and telecommunications. GE Intelligent Platforms is a worldwide company headquartered in Charlottesville, VA and is part of GE Home and Business Solutions. For more information, visit www.ge-ip.com.

GE Intelligent Platforms Contact Information

Americas: **1 800 433 2682** or **1 434 978 5100**
Global regional phone numbers are listed by location on our web site at **www.ge-ip.com/contact**

www.ge-ip.com/gpgpu