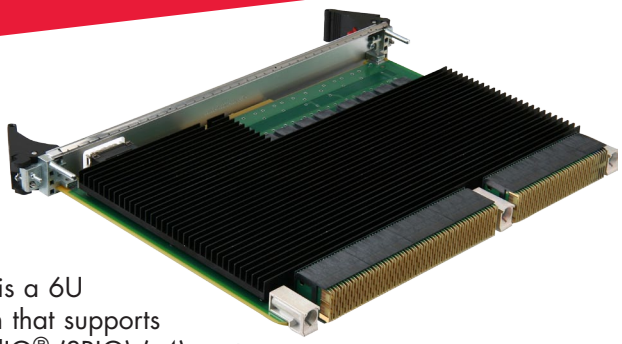
Fact Sheet

VPX6-6900

24-port Serial RapidIO® (x4) Switch



- 6U OpenVPX centralized Serial RapidIO® (SRIO) switch
  - Supports MOD6-SWH-24F data-plane profile
- Enables easy implementation of scalable high-performance centralized Digital Signal Processing (DSP) clusters for small, medium and large systems
- 6U VPX form factor in a 0.8" pitch
- Air-cooled L0
- Supports 24 ports of SRIO x4 ports to the backplane
- 1 port SRIO available on the front-panel with a copper CX4 interface
- Each port is capable of operating at 1.25, 2.5 and 3.125 Gbaud per SRIO v1.3
- Supports Curtiss-Wright DSP and single board computer cards
- Supports star and dual-star topologies
- 57 watts power consumption

The VPX6-6900 is a 6U dataplane switch that supports 24x Serial RapidIO® (SRIO) (x4) ports to the VPX backplane enabling systems integrators to architect small to large high-performance systems following guidelines provided in the VITA 65 (OpenVPX™) systems specification. The VPX6-6900 was designed to follow VITA 65/OpenVPX design principles, and can be used in multiple backplane profiles including CEN06-11.2.8, CEN10-11.2.7, and CEN12-11.2.9. Complimented with Curtiss-Wright Controls Embedded Computing's VPX control plane switches, systems integrators can implement high-performance data, control and management plane systems.

Ordering Information

Part Number: VPX6-6900-A01024

SRIO dataplane switch with 24x SRIO (x4) ports to backplane, 1x SRIO (x4) port to front panel (CX4 interface), L0, air-cooled, 0.8" pitch with 1" faceplate.

VPX™ VPX REDI™ OpenVPX™

Learn More
Sales Info: sales.cwcembedded.com
Sales Email: sales@cwcembedded.com

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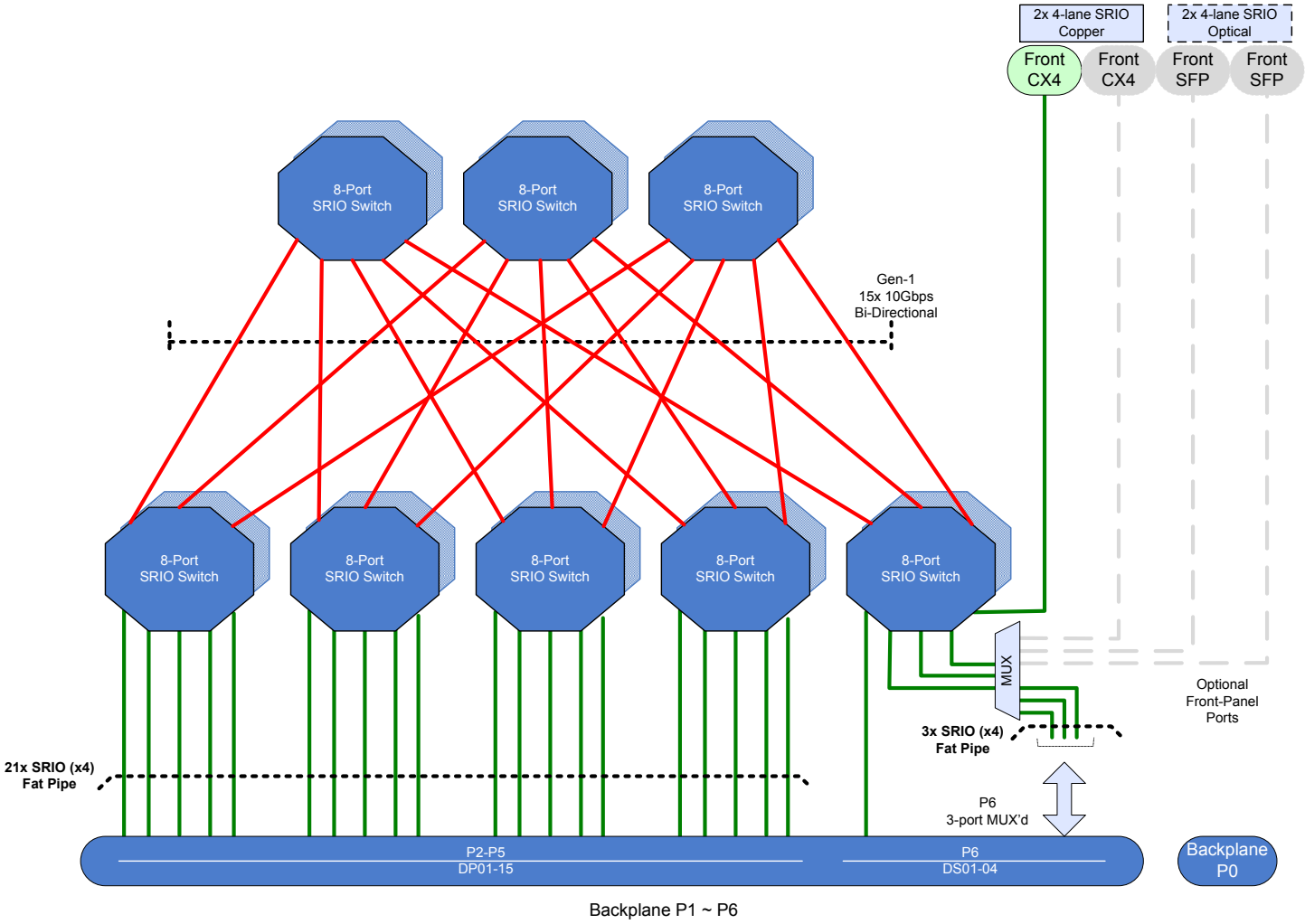
Figure 1: VPX6-6900 24x SRIO (x4) Dataplane Switch



Backplane P1 ~ P6

Contact Curtiss-Wright for more information on the availability of product variants.