

## Curtiss-Wright Controls Embedded Computing

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### VPX6-6902 6U VPX Serial RapidIO® GEN-2 Switch

The VPX6-6902 is a combined management, control, and data plane switch for small, mid-size, and large 6U VPX systems. Supporting a centralized switch architecture in both star and dual-star topologies, the VPX6-6902 is available with Serial RapidIO® (SRIO) switching alone, or with both SRIO dataplane and Ethernet management/control plane switching all in a single VPX slot. The VPX6-6902 SRIO switch fabric supports both Gen-1 (1.25, 2.5, 3.125 GBaud) and Gen-2 (2.5, 5, 6.25 GBaud) data rates. Each of its 28x SRIO ports operates in x4 lane mode, offering up to 20Gbps throughput per port.

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### FEATURES

- › Combined management, control, and data plane switch
- › 6U VPX/OpenVPX™ form factor
- › Supports star and dual-star topologies
- › Available with SRIO switch fabric alone, or combined SRIO and Ethernet switches in a single slot
- › 20/24x SRIO 4-lane (x4) ports to the VPX backplane + 4x ports to the front (AC only)
- › Each SRIO port is capable of operating at Gen-1 speeds of 1.25, 2.5, and 3.125 Gbaud or Gen-2 speeds of 5 and 6.25 Gbaud
- › 16x SerDes GbE and 2x 1000Base-T to the back + 2x 10GbE and 1x 1000Base-T to front
- › On-board management processor for both SRIO and GbE fabrics

For more information, contact: [sales@cwembedded.com](mailto:sales@cwembedded.com)

[www.vmecritical.com/p45506](http://www.vmecritical.com/p45506)