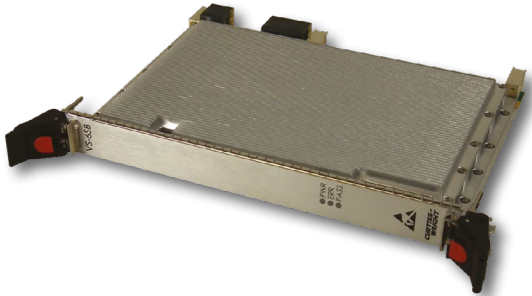


VPX6-SBM Storage Blade

Developed in alignment with OpenVPX (VITA 65) and VPX (VITA 46)

**CURTISS-
WRIGHT**

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Key Features

- 6U VPX Storage Blade, air cooled
- 32 TB or 64 TB storage capacity
- x16 PCIe low latency/high bandwidth
- VPX Connector, P2/PCIe Interface
- Developed in alignment with OpenVPX (VITA 65) and VPX (VITA 46)

Applications

- 6U VPX-based architectures
- Direct attached storage for embedded computers
- High speed data off-load
- Video recording
- Mission data and map storage
- Database and data logging

Overview

The Curtiss-Wright 6U VPX Storage Blade features 32 TB or 64 TB of storage capacity and up to 6.25 GB/s data throughput rates. This compact, high capacity commercial off-the-shelf (COTS) storage blade leverages the latest NVMe PCIe technology in a single 6U VPX slot that is developed in alignment with OpenVPX™ (VITA 65) and VPX (VITA 46). The VPX6-SBM is air cooled, rugged, and ready for defense and industrial applications.

The 6U VPX Storage Blade provides system integrators access to the latest commercially available NVMe PCIe technology that delivers superior performance, reliability, low latency, and strong thermal characteristics. It supports x16 PCIe interfaces to the backplane. Advanced system management functionality is implemented to remotely monitor system health by following VITA 46.11.

Specifications

General Features

- 32 TB or 64 TB storage capacity
- 6.25 GB/s data throughput rates
- Front panel status LEDs for PCIe lanes detected, power, and error

Backplane I/O

- x16 PCIe backplane interfaces
- P2/PCIe interface

Mechanical and Environmental

- OpenVPX compliant 1.0" spacing
- Air cooled designed
- Only requires +12V, ~70 W

Standards

- OpenVPX (VITA 65)
- VPX (VITA 46)

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LEADER

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THE EMBEDDED EDGE

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Ordering Information

- VS-6SBM2032AC-P2: 6U VPX storage blade module, 32 TB, Air Cooled, P2
- VS-6SBM2064AC-P2: 6U VPX storage blade module, 64 TB, Air Cooled, P2