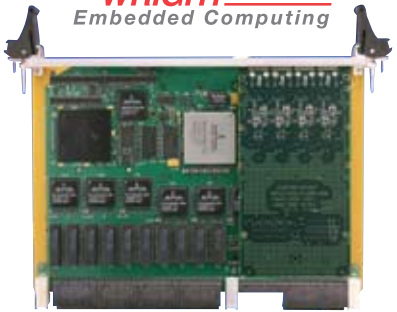
CURTISS WRIGHT Controls
Embedded Computing



www.cwcembedded.com

The VPX6-684 is the world's densest managed switch/router designed to create simple to advanced intra-platform networks targeted for rugged environments. Based on the next-generation VPX (VITA 46) standard, the VPX6-684 provides 24 wire-speed GbE interfaces with an option for four optical ports and four 10 GbE interfaces for backbone connections.

With complete, easy-to-use managed software support, systems integrators can realize faster time to deployment by using SNMP, CLI, Telnet, or Web-based interfaces to quickly configure and set up advanced IP networks that can support VLANs, QoS, multicast, switching, and routing as well as security features that include secure memory erase, SSL, SSH, cryptography, firewalls, and IDS/IPS. Complemented with a VPX-REDI (VITA 48) option, the VPX6-684 enables end customers to realize significant cost savings in operational expenses by leveraging a two-level maintenance methodology for deployed systems. **– Curtiss-Wright Controls Embedded Computing**

Battlefield LAN? Will travel.

Ethernet is as ubiquitous on the modern battlefield as disposable batteries. All manner of equipment, be it ground-, ship-, or air-based, relies on 10, 100, or 1,000 Mbps Ethernet ports. So Curtiss-Wright Controls Embedded Computing decided to bring 1 and 10 GbE to the up-and-coming VME VPX form factor. The company's VPX6-684 FireBlade II resides on a 6U VPX module and is specifically designed for networking in extremely harsh environments. With switching and routing capabilities, plus VITA 48 REDI two-level maintenance options, this board is ready to travel.

The heart of the board includes 12, 20, or 24 1 GbE interfaces capable of autonegotiating 10/100/1000 speeds. The board can also support 4x 10 GbE ports as part of a blazing-fast backbone configuration. Current versions of the board offer front-panel optical ports (1000BASE-SX), while future versions will route fiber over one of the VPX connectors. There's IPv4/v6 support, wirespeed routing, enhanced security, BIT, and a whole host (no pun) of management interfaces, protocols, and software from CLI and Telnet to SNMP and NAT.

Model: VPX6-684 FireBlade II
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Military EMBEDDED SYSTEMS ★★★★★ Editor's Choice

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