

Data acquisition

MILITARY EMBEDDED SYSTEMS Resource Guide 2007

KineticSystems

900 North State Street • Lockport, IL 60441

815-838-0005

www.kscorp.com**VXI Controllers**

KineticSystems provides computer interfaces and VXI controllers, including plug-and-play drivers and full VISA library support, for high-performance data acquisition, control, and ATE systems.

Choose from our PowerPC-based VXI slot-0 controllers, or the V153 VXI slot-0 controller, featuring a high performance Pentium® 4 embedded processor as well as the economical V155 Pentium M-based embedded module.

Complete Fiber-optic Interface Systems (FOXI™) are available to support distances between nodes up to 2 Km (6560 feet) with an I/O throughput up to 10 Mbps. The FOXI system includes a V122 FOXI PCI Host Adapter that is capable of linking up to 126 V120 VXI Slot-0 controllers via a fiber-optic highway.

VCDS and V15x VME to VXI adapters are also available.

For more information, contact: mkt-info@kscorp.com

KineticSystems**FEATURES:**

- V151, V152, V154: Single-width C-size slot-0 controllers with embedded PowerPC processors
- V153/V155: New high-performance Pentium 4/M-based slot-0 controller from 1.1 to 2.2 GHz clock options
- Includes Ethernet, RS-232 serial port, real-time clock, timers, and counters
- Two PMC card options for fast/wide SCSI, IEEE 488, Fast Ethernet, and USB
- V15x: Converts VME controllers into slot-0 VXI controllers; compatible with other VME modules
- FOXI: PCI host interface and high-performance controllers connected via a 10 Mbps fiber-optic highway

RSC# 33131 @ www.mil-embedded.com/rsc

EPIC

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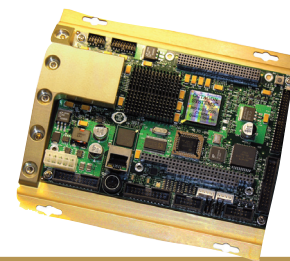
Octagon Systems

7403 Church Ranch Blvd. • Westminster, CO 80021

303-430-1500

www.octagonsystems.com/products/xe-900-1ghz.aspx**EPIC XE-900**

The XE-900 single board computer offers the mid-sized EPIC form factor with an x86 processor. It is a high-performance, low-power SBC that supports PC/104 and PC/104-Plus expansion. For fanless applications, an integrated conductive cooling system conducts heat to a base plate. This embedded PC offers a rich family of industrial I/O functions. It integrates video, serial ports, Ethernet, digital I/O, CompactFlash, and USB networking into a single card. Support for three hard drives gives this card the versatility to adapt to any application. The CPU provides enough computing power for virtually any embedded application, while operating in extreme temperatures and under heavy shock and vibration. The XE-900 is ideal for military and security applications.

OCTAGON SYSTEMS**FEATURES:**

- Conduction cooling kit for the XE-900 permits 1.0 GHz operation without a cooling fan
- Significant I/O expansion capabilities for PC/104 and PC/104-Plus systems
- -40 °C to +75 °C operating temperature
- Small footprint, all connectors are vertical; Linux and Windows® XPe accepted
- All Octagon EPIC cards are bootable from CompactFlash
- Tell us about your application; call Ray Agnew in Sales at 303-430-1500

For more information, contact: sales@octagonsystems.com

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