

### Themis Computer

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### XV1™

Themis Computer's XV1™ is a 6U VMEbus computer that utilizes the Intel® Quad-Core L5408 Xeon® processor, clocked at up to 2.13 GHz, and Intel's 5100 chipset used in high-performance Xeon servers. The XV1 provides high performance and is designed to meet the needs of customers who require quad-core performance for their demanding applications. Themis' XV1 boards target compute-intensive embedded, storage, and communications applications as well as a wide range of commercial and military applications.

The XV1 base configuration includes: 2GB of DDR II memory, three Gigabit Ethernet ports, two SATA II ports, four USB 2.0 ports, and two XMC/PMC slots. Storage can be provided through the use of an onboard CompactFlash card or with an optional onboard 2.5" SATA drive. The board includes VITA 41 dual-Gigabit Ethernet to support highly networked environments.

# THEMIS



### FEATURES

- › Up to 8GB DDRII SDRAM memory
- › Flash memory: 1MB
- › Error detection/correction – 8-bit ECC
- › CompactFlash™ slot
- › XMC/PMC single expansion slot
- › Up to three (3) Gigabit Ethernet ports
- › Four (4) USB ports and three (3) SATA II ports
- › VITA 41 compliant
- › Cooling: -5°C to +55°C (ambient temperature)
- › OS support: Linux®, Microsoft®, and Solaris™ 10
- › Shock: 30G peak, 20ms

For more information, contact: [info@themis.com](mailto:info@themis.com)

[www.embedded-computing.com/p39525](http://www.embedded-computing.com/p39525)