

BladeRack® 2 XM Blades

POWERED BY INTEL® XEON® PROCESSORS



COMPUTE BLADES



Powerful.
Intelligent.

Cirrascale has designed the BladeRack® 2 XM (BR2-XM) blades with today's high density data center in mind. The BR2-XM platform is the industry's most dense compute solution available with support for up to 96 blades, each housing the most cutting edge components available. With its ability to employ up to 768 processing cores and over 192TB local disk space per rack, the versatility and potential of the BR2-XM is truly without boundaries. Customers in the Financial Service industry could utilize such ground-breaking density to dramatically cut costs and boost efficiency in their compute grids. Web hosting and content providers will

find a full lineup of low cost blades available for virtual machine serving, and software as a service providers (SaaS) will find the ultra dense capacity appealing while the 80%+ efficient power subsystem will improve recurring costs in a co-location environment.

The BladeRack 2 XM has support for quad-core Intel Xeon 5400 series processors with up to 1333MHz front side bus and up to 24GB of DDR2 RAM. With faster processors, Intel I/O AT and VT-d Virtualization technology, the BR2-XM is the ideal solution for a full range of scale out applications. Advanced power and

cooling architectures such as redundant power inputs and fan trays make the BR2-XM platform perfect for today's application Service Providers where an increased level of uptime is required. With server management based on the IPMI 2.0 standard system administrators are able to remotely monitor and manage individual blades as well as have full control with optional KVM-IP functionality.

Compute Blade

VB1205XM

Internal View



FEATURES AT A GLANCE

- Ideal solution for high-density grid and Web 2.0 applications
- Supports Two Quad-Core Intel Xeon Processors 5400 Series
- Up to 24GB DDR2-667 RAM
- Up to 2TB Internal Storage
- 96 Blades per BladeRack 2 XM Cabinet

Processor

Options Include Two of the Following:

- Dual-Core Intel® Xeon® Processors 5100 Series
- Dual-Core Intel Xeon Processors 5200 Series
- Quad-Core Intel Xeon Processors 5400 Series

Chipset

- Intel 5100 Chipset
- 1333Mhz Front Side Bus

Memory

- Supports up to 24GB DDR2-667 ECC Registered Memory
- Six DIMM Sockets

Storage

- Up to 2TB Internal Storage
- Up to Two SATA Hard Drives

Operating Systems

- Microsoft® Windows® Server 2003
- Red Hat® Enterprise Linux 5 x86-64
- SUSE Linux Enterprise 10 x86-64
- CentOS 5.x x86-64

Networking

- Two Intel Pro/1000MT Server Network Connections
- Intel 82573V/82573L Network Controller

Regulations

- Safety EN60950
- Regulatory Markings CSA, CD, Nemko (when installed in BladeRack 2 XM)

Standard Interfaces

- Two USB 2.0 Ports
- One 15-pin VGA Port
- Two RJ-45 Gigabit Ethernet Ports
- Two PS/2 Ports
- One DB9 Serial Port

Integrated Graphics

- XGI Z9 Controller
- 32MB Video Memory

Management and Monitoring

- IPMI 2.0
 - Remote power on/off/reset
 - KVM-IP (optional)

CUSTOM CONFIGURATIONS

Cirrascale supports multiple configurations and can tailor any system to your specific needs. If you have questions, please contact us today at (888) 942-3800 and ask to speak with a Cirrascale Account Manager.

ABOUT CIRRASCALE

Cirrascale, Inc. is the premier developer of scale-out blade-based computing and storage platforms for Cloud, Web 2.0, and the global enterprise. Cirrascale provides scale-out solutions for the world's largest data centers that reduce power and cooling demands while achieving the best density, availability, and energy efficiency for the highest total value of ownership. Organizations such as Virgin America, Morgan Stanley, Wachovia, Microsoft, Qualcomm, Johns Hopkins, EMC, CGGVeritas, Petrobras, Harris, Lockheed Martin, Northrop Grumman, and Sony Imageworks, as well as top universities and research institutions worldwide, are among the customers who have chosen Cirrascale's award-winning containerized data centers and high density blade-based platforms.



CIRRASCALE'S GREEN INITIATIVE

Cirrascale is leading the way to the Green Data Center by providing several Data Center and Desktop consolidation solutions. Through innovation, Cirrascale has developed and implemented equipment and procedures to get more by using less. The Cirrascale BladeRack® 2 Series platform and FOREST Container solution are built on industry-leading technology that makes that possible. In addition, the Connexus desktop consolidation solution brings the efficiency and philosophy of the Green Data Center to the desktop.