



Cirrascale VB Series Compute Blade Server Solutions

Enabling Customized Breakthrough Performance, Energy Efficiency and Density for the Datacenter

Cirrascale's VB series compute blades are designed to give customers deploying scale-out HPC, web hosting and cloud services infrastructure breakthrough performance, density and energy savings. Delivering the technologies needed to replace an inefficient and aging installed-base, Cirrascale's latest VB blades facilitate higher utilization through virtualization while providing amazing computing performance and scalable storage solutions for public and private cloud deployments.

Cirrascale's integrated platforms utilizing the Intel® Xeon® E5-2600/1600 processor v2 product families and the Intel® Xeon® E5-2600/1600 processor v3 product families are an ideal solution to refresh older IT infrastructure or for exceptionally efficient green field deployments. Customers can achieve double the compute and storage density while increasing server performance and decreasing overall power consumption in the data center by 35% or more.

With these new products, Cirrascale is facilitating data center transformation by providing scalable performance and reduced power consumption. Customers deploying next generation scale-out infrastructure benefit from the combination of Intel's latest processor platforms with Cirrascale's Vertical Cooling Technology, enabling extreme density and unmatched efficiency and reliability.

Cirrascale's high performance blades support dual Intel® Xeon® E5-2600/1600 processor v2 and v3 product families, up to 512GB of 1600 MHz DDR3 RDIMM in 16 DIMM slots, 10GBase-T networking (optional), 6Gb/s SATA/SAS interfaces and multiple PCIe x16 lanes that support high bandwidth I/O. In the VB5400 Series blade, Cirrascale supports up to 8 Intel® Xeon Phi™ coprocessor cards or up to 8 GPGPU cards by using a proprietary 80-lane PCIe switch, and integrates dual switches enabling a single scalable system.

Custom Configurations to Fit Your Need

Cirrascale supports multiple configurations and can tailor any system to your specific needs. Additionally, in an effort to reduce deployment times, we can do most all of the configuration your systems require before your hardware ships saving you time and money once it arrives at your data center. It's just another way we work with you to free up your internal IT resources and reduce deployment costs, every step of the way. If you have questions, please contact us today at (888) 942-3800 and ask to speak with a Cirrascale Account Manager.

About Cirrascale

Cirrascale Corporation is a premier provider of blade-based GPGPU, cloud computing and storage infrastructure for conventional and containerized data centers. Cirrascale leverages its patented Vertical Cooling Technology to provide the industry's most energy-efficient standards-based platforms with the lowest possible total cost of ownership in the densest form factor. Cirrascale sells to large-scale infrastructure operators, hosting and managed services providers, Cloud Service Providers, and HPC users. Cirrascale also licenses its award winning technology to partners globally.

Contact Us Today

To learn more about Cirrascale and its unique data center infrastructure solutions, please visit us on our website at www.cirrascale.com or contact one of our Account Managers by calling (888) 942-3800.



Cirrascale VB Series Specifications

With the consistent advances in technology, Cirrascale engineering and development teams are constantly testing and deploying the latest technical specifications being offered by our technology partners. We make every effort to provide the below specifications error-free and up-to-date. Additionally, more features than those listed below are available and many systems can be expanded or tailored to meet your company's requirements. We always encourage our customers to contact us to discuss Cirrascale's latest improvements to its products.

	VB1400 Series	VB5400 Series
Processor	Dual Intel® Xeon® processor E5-2600/1600 v2 product families, or; Dual Intel® Xeon® processor E5-2600/1600 v3 product families	
Memory	Up to 256GB	Up to 512GB
Storage	Up to 8TB of SATA Storage	Up to 8TB of SATA Storage
Networking	Dual 10GbE with Management LAN	Dual 1GbE Ports
Graphics	Supports High-End GPGPU or Coprocessor Cards	Supports Eight GPGPU or Coprocessor cards
Expansion Slots	<ul style="list-style-type: none"> • 1 x PCIe x16 Gen3.0 x 16TP • 1 x PCIe x16 Gen3.0 x 8TP • 1 x PCIe x8 Gen3.0 x 4TP • 1 x PCIe x8 Gen2.0 x 1TP 	<ul style="list-style-type: none"> • 3 x PCIe x16 Gen3.0 x 16TP • 3 x PCIe x8 Gen3.0 x 8TP
Management	IPMI 2.0 using ASPEED 2300	IPMI 2.0 using ASPEED 2300
Operating Systems	Cirrascale supports a wide variety of standard and open source operating systems in our solutions including Microsoft Windows Server 2008 R2, Linux RHEL 6.4, CENTOS 6.4, SLES 11, UBUNTU 12, and others. For specific specifications and supporting documentation, please contact a Cirrascale Account Executive.	



VB1400 Series Blade Server



VB5400 Series Blade Server