

# Enabling Reliable Web and Application Hosting

## Cirrascale's Tailored Solutions Extend Flexibility, Increase Density and Improve Overall Reliability for Hosting Firms

Web and application hosting providers offer a robust set of features and services to their customers such as shared hosting, dedicated hosting, cloud and app hosting and more. Being able to offer a flexible services means you'll need to work with a hardware partner that can offer the right solutions to meet your needs. Unlike most hardware providers, Cirrascale's solutions are unique and tailored to meet your specific needs. Their also robust enough to scale and perform for years to come.

Cirrascale's BladeRack 2 Series platform is the industry's densest storage and compute solution with support for up to 96 blades, each housing the most cutting edge components and processors available. Like all Cirrascale products, the BladeRack 2 platform is completely customizable and can be configured with a focus on hosting, compute, storage or as a hybrid utilizing our award-winning CirraStor products. With its ability to employ up to 1728 processing cores or over 2.6TB of storage per platform, the versatility and potential of the BladeRack 2 Series platform is truly without boundaries.

Cirrascale employs its patented Vertical Cooling Technology™ that is found in all BladeRack 2 Series platforms to enable performance and reliability unlike anything else you've seen. Our Vertical Cooling Technology allows Cirrascale to use the fastest processors available on the market without the performance loss common in blade servers from other vendors due to CPU throttling. Our patented Vertical Cooling Technology has proven to save money by reducing energy expenditure and ensuring reliability, enabling data centers to use their power for compute instead of cooling.

The combination of extreme density and efficiency drive the total cost of ownership of the BladeRack 2 Series platforms far below that of competing solutions while gaining an increase in performance and reliability. Industry re-defining solutions are how we at Cirrascale make good on our promise to deliver Blades Without Boundaries®.



## About Cirrascale

Cirrascale Corporation is a premier provider of blade-based compute, cloud 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.

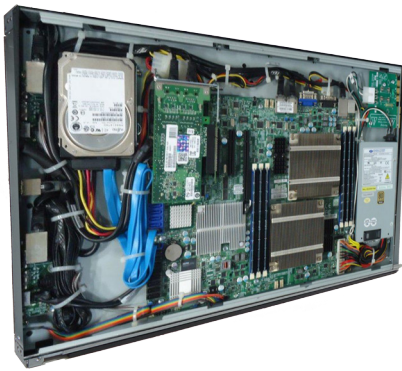
## Contact Us Today

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



*Cirrascale's blades can be configured in a multitude of different ways enabling truly boundless configuration options.*

# VB1400 Series and VB1400M Series Blade Servers



## Features at a Glance

- Dual 8-core Intel® Xeon® E5-2600 Series Processors
- Up to 768GB of DDR3 Memory
- Up to 16TB of SATA Storage
- Two Gigabit Ethernet Ports
- 6Gb/s SATA/SAS interfaces
- PCIe x 16 throughput

### Processor:

Options include two of the following:  
Intel® Xeon® processor E5-26xx product family

- E5-2670 2.6GHz 115W 8-core
- E5-2680 2.7GHz 130W 8-core
- E5-2687W 3.1GHz 150W 8-core
- E5-2690 2.9GHz 135W 8-core

### Chipset:

- Intel C602 (Patsburg-A)

### Memory:

- Supports up to 768GB DDR3 Memory
- 16 DIMM Slots DDR3 1066/1333 UDIMM/RDIMM ECC

### Storage:

- 8 x SAS 6Gb/s
- 4 x SATA 6Gb/s Hard Drives

### Networking:

- Intel Twinville X540 Network Controller (Dual 10 GBASE-T ports) with Management LAN

### Expansion Slots:

- 1 x PCIe x16 Gen3.0 x 16 throughput
- 1 x PCIe x16 Gen3.0 x 8 throughput
- 1 x PCIe x8 Gen3.0 x 4 throughput
- 1 x PCIe x8 Gen2.0 x 1 throughput

### Standard Interfaces:

- 6 x USB 2.0 (4 external / 2 internal)
- On Management LAN
- 2 x RJ-45 LAN 1GbE
- 1 x VGA
- 1 x COM

### Integrated Graphics:

- VGA Integrated in ASPEED 2300

### Management and Monitoring:

- IPMI 2.0 using ASPEED 2300

### Operating Systems Supported:

- Windows Server 2008
- Linux RHEL 6, CENTOS 6.2, SUSE 11SP2, UBUNTU 11.10

\* Memory speeds vary based on configuration

## Custom Configurations to Fit Your Need

It's important to remember that Cirrascale supports multiple configurations and can tailor any system to your specific needs. We understand the unique needs placed on the hosting industry and can supply you with solutions that others just can't. 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.

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