

# The Cirrascale RM3494 Rackmount Server Series

Powered by the Intel® Xeon® processor E3-1200 v3  
Product Family for Breakthrough Performance

The Cirrascale RM3494 is a high-density microserver with up to 12 server nodes in a compact 3U chassis. The RM3494 is built upon the Intel® Xeon® processor E3-1200 v3 product family, taking full advantage of Intel's latest 22nm technology to deliver dramatic efficiency in power, cooling, space, and cost savings as well as intelligent and dependable performance. It has four times the computing density of three traditional one-socket 1U servers stacked together.

The RM3494 is a platform optimized for dedicated hosting, cloud computing, big data workloads, content delivery networks, and front-end servers for hosting web pages, stored content and the like. The server is configured with the network across all server nodes aggregating into two 10GbE SFP+ ports for uplink through an internal switch. This reduces CAPEX by eliminating extra Top-of-Rack switches and network cables as well as providing a more simplified cable management. In addition, all nodes can be managed through one single management port on the chassis, making remote management much easier for data center operators.

By sharing power supplies and cooling modules across all of the server nodes, the RM3494 enhances overall energy efficiency and reduces operating expenses. Additionally, all of the nodes and power supplies are cold aisle accessible allowing the ability to avoid maintenance in the hot aisle. All of the RM3494 nodes, power supplies and fans are hot-pluggable providing increased serviceability.

Delivering the technologies needed to replace an inefficient and aging installed-base, Cirrascale's RM3494 series gives customers breakthrough performance, higher density, easier serviceability and increased energy savings.

## 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 help configure systems prior to them shipping to you, 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](http://www.cirrascale.com) or contact one of our Account Managers by calling (888) 942-3800.



**The Cirrascale RM3494  
Rackmount Server**

# RM3494 Rackmount Server



## Features at a Glance

- 12 hot-pluggable, microserver nodes for a total of 12 Intel Xeon processor E3-1200 v3 product family per system
- Supports up to 4 DDR3 1333 / 1600MHz ECC VLP UDIMM slots per node
- Supports up to four 2.5" fixed HDDs or two 3.5" fixed HDDs per node.

### Processor:

Options include twelve of the following (one per node / twelve nodes per system):

- Intel® Xeon® processor E3-1200 v3 product family, up to 82W

### Chipset:

- Intel C226 Chipset

### Memory (per node):

- 4 x DDR3 1333/1600MHz ECC VLP UDIMM slots per node, up to 32GB

### Storage (per node):

- 4 x 2.5" Fixed HDDs; or,
- 2 x 3.5" Fixed HDDs

### Networking:

- 2 x Intel® Powerville I350 GbE RJ45 ports per node, share NIC 10/100 Mbps for management on NIC1
- 2 x 10GbE SFP+ ports for uplink on chassis via a system switch board (optional)

### Integrated Graphics:

- Aspeed AST2300 8MB DDR2 video memory

### Power Supply Capabilities:

- 2 x High Efficiency Redundant 1200W PSU, 80+ Platinum

### Management:

- 1 x Dedicated 10/100 Base-T RJ45 management port per node
- IPMI v2.0 compliant
- On board "KVM over IP" support

### Intel Software RAID Options:

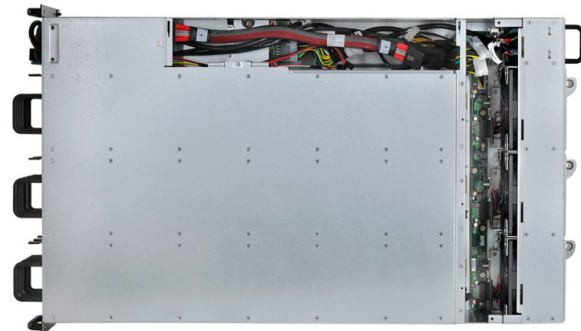
- (2.5") Intel® C226 RAID 0/1/10/5
- (3.5") Intel® C226 RAID 0/1

### Unit Dimensions:

Height: 130.8 mm (5.1 in.)  
Width: 447 mm (17.6 in.)  
Depth: 758 mm (29.8 in.)



**RM3494**  
Rear View



**RM3494 - Top View**



**RM3494**  
Front View



**RM3494 - Node View**

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