

The Cirrascale RM2497 Rackmount Server Series

Powered by the Intel® Xeon® processor E5-2600 v2
Product Family for Breakthrough Performance

Designed and engineered to support business environments where operational efficiency and reliability count, the Cirrascale® RM2497 rackmount server series is optimized for space-constrained data center installations. With the ability to receive eight of today's most powerful processors, coupled with a massive amount of memory running at high frequency, this system is designed to deliver heavy acceleration to the most demanding applications in scale-out HPC, big data, virtualization domains and dedicated applications for a variety of industries.

Cirrascale's integrated platforms, utilizing the Intel® Xeon® processor E5-2600 v2 product family, are an ideal solution to refresh older IT infrastructure or for exceptionally efficient green field deployments. The newly released Intel® Xeon® processor E5 v2 family provides up to 50% more performance over the first generation of E5 series processors and can help customers reach new heights of performance never before experienced.

The RM2497 delivers an optimal airflow design throughout each computing tray, and a redundant power delivery system shared across the entire rack making it highly power efficient while helping your infrastructure achieve significant power savings compared to traditional rack systems in a short amount of time. Additionally, with up to 12 cores / 24 threads per socket, cache size increased up to 30MB, increased QPI frequency, and doubled inter-socket QPI links, the RM2498 utilizing the Intel® Xeon® processor E5-2600 v2 product family brings a significant increase in computing power and memory support for demanding server and datacenter applications.

Delivering the technologies needed to replace an inefficient and aging installed-base, Cirrascale's RM2498 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 or contact one of our Account Managers by calling (888) 942-3800.



**The Cirrascale RM2497
Rackmount Server**

RM2497 Rackmount Server



Features at a Glance

- Four hot-swappable, high density nodes with front access to the node trays with up to 8 Intel Xeon processor E5-2600 v2 product family per system
- Supports up to 16 RDIMM/UDIMM at up to 1866MT/s per node for up to 64 DIMMS per system
- Supports up to 16 hot-swappable 2.5" HDDs per system (4 per node)

Processor:

Options include eight of the following (two per node / four nodes per system):

- Intel® Xeon® processor E5-26xx v2 product family

Chipset:

- Intel C602 Chipset

Memory (per node):

- 16x RDIMM/UDIMM ECC DIMM slots per node.
- 1.35V modules: 1066/1333/(1600*) MHz
- 1.5V modules: 1066/1333/1600/(1866*) MHz

Storage (per node):

- 4x 2.5" Hot-swappable Hard Drives (16 per system)
- SATA 6Gb/s and 3Gb/s supported
- Intel SATA RAID 0/1/10/5

Networking (per node):

- 2 x GbE LAN ports (Intel® I350-AM2)
- 1 x 10/100 management LAN

Expansion Slots:

- 1x Mezzanine I/F PCIe x8 (Gen3 x8 bus) slot
- 1x PCIe x16 (Gen3 x16 bus) slot
- 1x half-length low-profile slot

Integrated Graphics:

- Integrated in Aspeed® AST2300
- 2D Video Graphic Adapter with PCIe bus interface
- 1920x1200@60Hz 32bpp

Power Supply Capabilities:

- 2x 1200W Hot-Swap AC Redundant PSU (Options for 1600W are available)
- 80 Plus Platinum (100 - 240V AC)

Management:

- Aspeed® AST2300 management controller
- Avocent® MergePoint IPMI 2.0 web interface

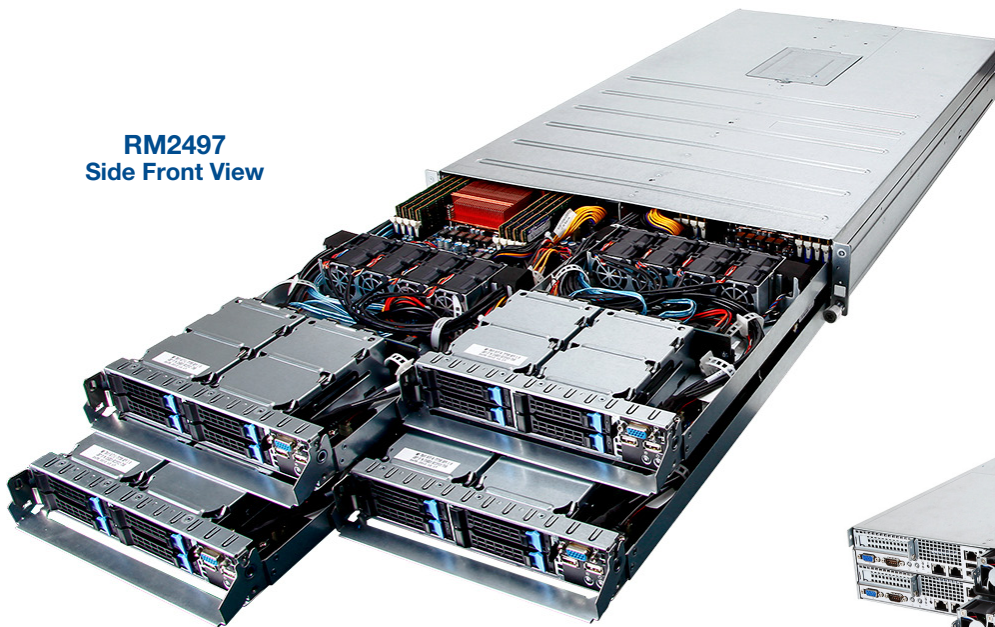
Operating Systems Supported:

- Windows Server 2008 SP2 (32/64bit)
- Windows Server 2008 R2 SP1 (64bit)
- Redhat ELES 6 Update2 (32/64bit)
- SuSE ES 11.2 (32/64bit)
- VMware ESXi 5.0 U3
- VMware ESXi 5.1
- VMware ESXi 5.1 U1
- VMware ESXi 5.1 U2

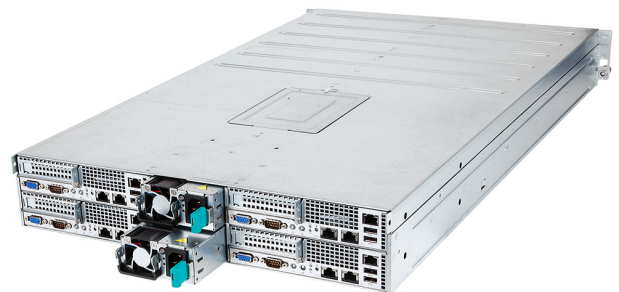
Unit Dimensions:

Height: 87.2 mm (3.43 in.)
Width: 447 mm (17.6 in.)
Depth: 780 mm (30.7 in.)

RM2497
Side Front View



RM2497
Side Back View



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