

Cirrascale RM2675 Quad-GPU and Mass Storage Server

Powered by the Intel® Xeon® processor E5-2600 v3 Product Family

The Cirrascale RM2675 based on Intel® Xeon® processor E5-2600 v3 product families, not only offers four double-width GPU card support but also features massive storage capabilities with eight hot-swappable 3.5" SATA HDD bays, along with 1+1 80 PLUS Platinum 2000W/1620W redundant power supplies and 8+2 PCIe Gen3 x16 expansion slots. The server delivers high density computing power, scalable expansion capability and high power efficiency, making it an ideal choice for applications such as online gaming, life and medical science, engineering science, financial modeling and virtualization.

The Cirrascale RM2675 supports up to eight PCIe Gen3 x16 slots in a 2U form factor for high density computing and high expandability, compatible with versatile expansion cards, especially in supporting up-to-date Intel® Xeon Phi™ series coprocessors, NVIDIA Tesla® and GRID™ families, as well as AMD FirePro S Series of GPU accelerators. This versatile server can carry up to four double-width GPUs offering extreme high density and parallel computing power. In addition, there is also one PCIe Gen3 x24 slot which could perform as two slots if riser is applied for Low Profile HBA and proprietary networking cards in FDR and 10G interface.

The IPMI 2.0-compliant interface enables remote update BIOS, standalone KVM/Java utility, video recording and BSOD capture. Based on out-of-band management, even if the server operating system is down or offline, the KVM module can still provide round-the-clock remote monitoring and diagnosis through a user-friendly web-based graphical interface via all major browsers. In addition, the included management software provides one-to-multiple centralized management including BIOS flash, software dispatch, task scheduler, remote control, and power control, all through a colorful and informative graphical interface.

Overall, the RM2675 is perfect for those companies that need to deliver high density computing power, scalable expansion capability and high power efficiency.

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 RM2675
Rackmount Server**

RM2675 Rackmount Server



Features at a Glance

- Ultra Dense 2U with Intel® Xeon® processor E5-2600 v3 product family support.
- 8+2 Flexible Expansion Slots for 4 GPUs and diverse high bandwidth interconnection HBA Support
- High System Availability with 1+1 Platinum Redundant PSUs
- Complete remote server management

Processor:

Options include two of the following:

- Intel® Xeon® processor E5-2600 v3 product family

Chipset:

- Intel C612 PCH Chipset

Memory:

- 16 x 2133/1866/1600/1333 MHz DDR4 RDIMM / LRDIMM
- Up to 1TB LRDIMM / 512GB RDIMM

Storage:

- 8 x Hot-swap 3.5" HDD Bays

Networking:

- 2 x Intel® I210AT
- 1 x Dedicated management LAN

CD/DVD Support:

- 1 x Slim-type Optical Drive Bay

Optional Kits:

- PEM-FDR
- PEB-10G/57840-2S
- PEB-10G/57811-1S

Onboard Graphics:

- Aspeed AST2400 with 32MB VRAM

Expansion Slots:

- 8 x PCIe 3.0 x16 (4 at x16 Link or 8 at x8 Link)

(Slot CPU1_PCl2, CPU1_PCl4, CPU2_PCl1, CPU2_PCl3 auto switch to x8 link if slot CPU1_PCl1, CPU1_PCl3, CPU2_PCl2, CPU2_PCl4 is occupied)

- 1 x PCI-E 3.0 x24 (support with riser card)

(1 x PCI-E x16 (x8 Gen3 Link) and 1 x PCI-E x8 (x8 Gen3 Link))

Power Supply Capabilities:

- 1+1 Redundant 2000W or 1620W 80PLUS Platinum Power Supply
- Additional options available

Management:

- 1 x Dedicated management LAN (as stated)
- IPMI v2.0 compliant
- On board "KVM over IP" support

Unit Dimensions:

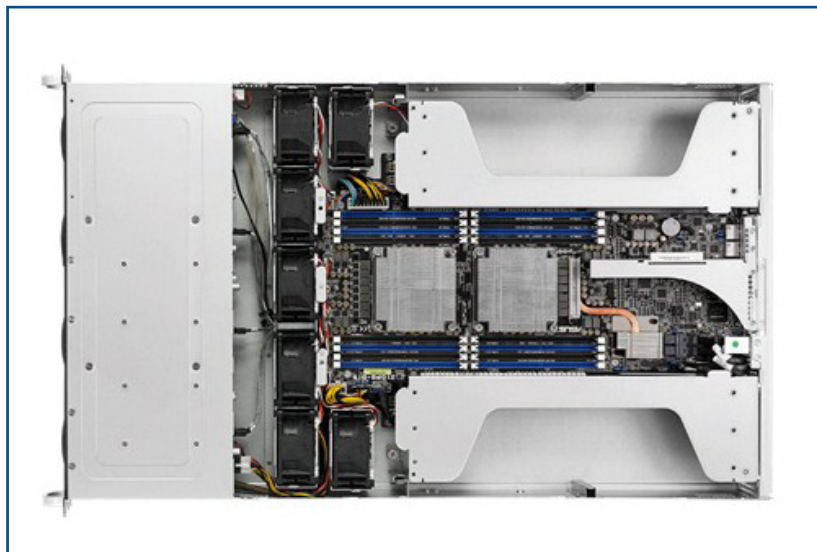
Height: 87 mm (3.43 in.)

Width: 444 mm (17.5 in.)

Depth: 750 mm (29.5 in.)



Cirrascale RM2675
Front View



Top View of Cirrascale RM2675

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