

# Cirrascale Slipstream RM1622DX Two-In-One Rackmount Series

Powered by the Intel® Xeon® Processor E3-1200 v4 Product Family, the RM1622DX is ideal for transcoding applications requiring low cost per stream and per watt.

It is estimated that by the year 2018, 79% of consumer-based traffic in the cloud will be from video. Nearly all of those video streams being produced by content delivery and media service providers will require transcode solutions with cost-efficient, dense designs that can deliver high-definition video with a low cost per stream and low cost per watt in order to reduce and maintain a low total cost of ownership.

The Cirrascale Slipstream RM1622DX is a high density, two-in-one sledged system supporting the new Intel® Xeon® processor E3-1200 v4 product family with Intel® Iris™ Pro graphics P6300. It provides one of the lowest cost per streams available on the market with **up to 36 streams at 1080p for less than \$80 per stream while consuming fewer than six watts of power per stream - over 1,400 streams per standard 19" rack.** Now you can support up to 60% more transcodes per node than some discrete graphics solutions, lowering your total cost of ownership while enabling smoother content on demand, live broadcasting, or basic CDN video transcoding. Additionally, for companies looking to support 4K streams, the two-in-one high density rackmount system supports two full 4K streams, one per each node.

The Cirrascale Slipstream RM1622DX is specifically designed to take advantage of the improved media codec features offered with the Intel® Xeon® processor E3-1200 v4 product family and Intel® Iris™ Pro graphics P6300. With its predecessor, software transcoding required a large amount of compute thereby reducing the total number of quality HD streams a system could provide. With the new processors, complex parts of the codec are off-loaded to the Intel Iris Pro graphics engine which in turn greatly reduces the overall CPU utilization. Additionally, the Intel® Media Server Studio provides a hardware abstraction layer that grants access to third-party media applications to fully take advantage of hardware assisted encoding and decoding.

With this state-of-the-art video transcoding solution, powered by the Intel® Xeon® processor E3-1200 v4 product family with Intel® Iris™ Pro graphics P6300, Cirrascale is facilitating data center transformation by providing solutions that meet the needs of today's adapting market.



## Benefits at a Glance

- Mega-dense architecture provides two sledged systems in one, doubling density.
- The Cirrascale Slipstream RM1622D delivers up to 36 streams at 1080p for less than \$80 per stream while consuming fewer than six watts of power per stream.
- Realize the lowest total cost of ownership per transcode on the market today.
- Open architecture solution that ensures easy future upgrades.

## 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 Slipstream™ RM1622DX  
Video Transcoding Server**

# Cirrascale Slipstream RM1622DX Two-In-One Rackmount Server

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. However, we always encourage our customers to contact us to discuss Cirrascale's latest improvements to its products.



## Cirrascale RM1622DX Two-In-One System Specifications

1U rackmount server chassis containing two individual servers each with:

### Processor:

- Intel® Xeon® processor E3-1200 v4 product family

### Chipset:

- Intel C226 Chipset

### Memory:

- Dual DIMM Slots supporting 16GB 1333/1600/1866 Memory

### Storage:

- 1 x 2.5" SATA 6Gb/s Hard Drives (250GB, 500GB, or 1TB)

### Networking:

- Gigabit (10/100/1000 Mb/s) LAN

### Management:

- ASPEED® AST2300 BMC
- Avocent® MergePoint IPMI 2.0 web interface

### Expansion Slots:

- 1 x PCIe x16 Gen3.0 x 16 throughput

### Power:

- 400W ATX power supply

### Operating Systems Supported:

The list of tested and certified operating systems varies based on requirements. Most major / modern OS supported.



System Node #1

System Node #2

CM074 - REV A - 05/2015

**Cirrascale** 12140 Community Road, Poway, CA 92064 USA **Phone** 858-874-3800 or 888-942-3800 **Web** [www.cirrascale.com](http://www.cirrascale.com)

© 2015, Cirrascale Corporation. All Rights Reserved. Cirrascale, BladeRack and the Cirrascale logo are registered trademarks of Cirrascale Corporation. Intel, the Intel logo and Intel Xeon are trademarks or registered trademarks of Intel Corporation or its subsidiaries in the United States and other countries. All other names or marks are property of their respective owners. No part of this document may be reproduced without consent from Cirrascale Corporation. Technical specifications subject to change without notice.

