

RM1630DX Rackmount Server

The Industry's First Mega-Dense, High Performance PCoIP® Rackmount Workstation Delivering Rich Desktop Experiences over IP

Cirrascale® introduces its newest line of high performance rackmount workstations utilizing PC-over-IP® (PCoIP) technology from Teradici®. With this latest design, IT managers can now deliver twice the high performance GPU density as before. The RM1630DX High Performance PCoIP Rackmount solution boasts two workstations in one standard 19" rackmount chassis effectively doubling the density over previous implementations. It has never been easier to deliver the full-size GPU-equipped workstations your power users need, including the latest NVIDIA® Quadro® professional workstation graphics cards.

With PCoIP technology and Cirrascale, there is no longer any need to virtualize a desktop in order to share just a few GPU cores. This revolutionary technology in display compression, when tied with these Cirrascale RM1630DX high performance rackmount workstation systems, can deliver a high-resolution, dedicated GPU for each team member providing breakthrough results for connecting desktops over existing, standard IP networks. PCoIP technology allows all enterprise desktops, from task workers to power users, to be centrally located and managed in the data center, while providing the remote user with an exceptional user experience.

Teradici's powerful host processors enable users of these Cirrascale RM1630DX High Performance PCoIP Workstations to move Windows or Linux workstations into the data center and connect with a PCoIP zero client remotely without impacting application performance. Created for IT managers who are looking for a secure, reliable and easy-to-manage solution, Cirrascale's RM1630DX High Performance PCoIP Workstations also meet the needs of designers who have dedicated computers with graphically demanding applications and expect the highest in performance.

The maximum performance of 250 megapixels per second (Mpps) enable full screen resolutions of up to 2560x1600 with dual-monitors or 1920x1200 with quad-monitors. Additionally, application refresh rates up to 60 frames per second (fps) ensures the best remote user experience possible.

Discover the advantage of Cirrascale's RM1630DX High Performance PCoIP Workstations by delivering over 80 of the latest Intel® Core™ processor workstations in one standard 19" rack. Contact a Cirrascale Account Executive today to begin configuring your RM1630DX High Performance PCoIP Workstation solution and see the difference.

Benefits at a Glance

- Mega-Dense architecture provides two systems in one, doubling density.
- Deliver high-performance, high-resolution dedicated GPUs to your power users with ease.
- Secure expensive workstation assets back in the datacenter where they belong while delivering a seamless user experience.
- Remove noise, heat and inefficient power from the office area.
- Open systems, 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 or contact one of our Account Managers by calling (888) 942-3800.



RM1630DX High Performance PCoIP® Remote Workstation

Cirrascale RM1630DX High Performance PCoIP® Workstation Offering

Cirrascale integrates its award-winning rackmount offerings with the new Tera2 host processor family to create the most secure, reliable and easy-to-manage PCoIP solution for its customers. Below are the specifications for the RM1630DX High Performance PCoIP Workstation.

teradici
PCoIP®



Features at a Glance

- Mega-Dense architecture provides two systems in one, doubling density.
- Supports up to 16GB of DDR3-1600 RAM per node.
- Supports two hot-swappable 2.5" HDDs per node.
- Offers support for the largest array of graphics cards including the NVIDIA® Quadro® professional workstation graphics card.

Chassis Specifications:

- 1U Rackmount Dual-Sled Chassis
- Two complete systems in a single 1U

Processor:

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

- 4th generation Intel® Core™ processor family
- Intel® Xeon® processor E3-1200 v3 family

Chipset:

- Intel Q87 Express Chipset

Memory (per node):

- 2 x 1.5V DDR3 DIMM sockets per node
- Up to 16GB per node
- Support for DDR3 1600/1333 MHz

Storage (per node):

- 2 x 2.5" Hot-swappable Hard Drives per node
- SATA 6Gb/s supported
- Support for RAID 0/1/10/5

Networking (per node):

- 1 x GbE LAN port

Graphics Cards Supported:

- NVIDIA Quadro Series
- NVIDIA GeForce GTX Series
- AMD FirePro R5000 PCoIP Integrated Card
- AMD W9100 / W9000 / W8100 Series

Integrated Graphics:

- 1 x DisplayPort (v1.2), 4096 x 2160 @ 24 Hz / 2560 x 1600 @ 60 Hz
- 1 x DVI-I port, supporting a maximum resolution of 1920x1200
- 1 x DVI-D port, supporting a maximum resolution of 1920x1200 (Does not support D-Sub connection by adapter)
- Maximum shared memory of 1 GB

Expansion Slots:

- 1 x PCIe x16 (Gen3 x16 bus) slot
- 1 x MSMP slot for wireless communication or mSATA device

Power Supply Capabilities (per node):

- 400W ATX Power Supply

Operating Systems Supported:

- Windows 8.1
- Windows 8
- Windows 7
- Additional operating systems may be supported.

Unit Dimensions:

Height: 44.5 mm (1.75 in.)
Width: 434.3 mm (17.1 in.)
Depth: 812.8 mm (32 in.)

CM054 - REV B - 08/2015

Cirrascale 12140 Community Road, Poway, CA 92064 USA **Phone** 858-874-3800 or 888-942-3800 **Web** 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.

