

Virtium releases 8GB VLP DDR3-1600 Registered DIMM (VLP RDIMM) [Industrial Memory](#) Module using 2Gbit monolithic components.

The new VLP DDR3-1600 Registered DIMM features DDR3-1600 speed, 8GB density and very low profile module height designed for a broad range of embedded telecommunication and networking applications.

Rancho Santa Margarita, CA (December 9, 2011) Virtium Technology, Inc., a solutions-driven designer and manufacturer of Industrial Memory and Flash Storage Solutions for Embedded and Telecommunication OEMs announced today its high speed PC3-12800 (DDR3-1600) 8GB [VLP RDIMM](#) monolithic module. This offering is targeted toward high performance bandwidth ATCA blade applications and fulfills the current demand for high speed memory in DDR3-1600 compatible systems.

Virtium's high density 8GB dual rank module utilizes x4 2Gbit DRAM monolithic components in the [JEDEC](#) standard pin-out and VLP module height of 18.29 mm (.72 inches). Also available is Virtium's ULP ([ultra-low profile](#)) module at 17.78 mm height (.70 inches) designed for even more space constrained applications. Both VLP and ULP modules are available in standard 1.5v or 1.35v low power design for optimal power savings.

"Virtium's latest DDR3-1600 RDIMM is designed to meet high speed ATCA system requirements", said Phan Hoang, Vice President of Research & Development at Virtium. "This design demonstrates the strength of our engineering team. Our years of experience in the industry and collaboration with engineers at major OEM's allow us to continually release such a high-speed, high-density memory module in a very low profile DIMM form factor."

Product Features:

- DDR3-1600 Technology
- High Density 8GB Design
- Available in Very Low Profile & Ultra Low Profile
- JEDEC Standard module/ Pin-out
- 1.5v/ 1.35v Low Power Design
- Heat Spreader Available
- Lead Free ROHS Compliant



Product Description	Part Number	Module Height
8GB DDR3 1600 VLP RDIMM (1.5v)	VL33B1K68E-K0S	18.29 mm
8GB DDR3 1600 ULP*RDIMM (1.5v)	VL33B1K68F-K0S	17.78 mm
8GB DDR3 1600 VLP RDIMM (1.35v)	VL33D1K60L-K0S	18.29 mm
8GB DDR3 1600 ULP*RDIMM (1.35v)	VL33D1K68F-K0S	17.78 mm

About Virtium

Virtium Technology is a solutions-driven designer and manufacturer of Industrial Memory and Flash Storage Solutions for Embedded and Communication OEMs. Virtium focuses on meeting the unique requirements of the Embedded Computing, Telecommunications, Networking, Storage, Military, Infotainment and Medical markets. Virtium combines first to market product solutions with continuity of support for legacy products in mature systems. Virtium's customers are Fortune 500 industrial OEMs who benefit from the combination of design services, life cycle management with complete BOM control and advanced PCN.

Virtium's industrial memory modules encompass a wide range of densities and low profile DIMM form factors including DDR3 and DDR2 Mini-DIMM, VLP Mini-DIMM, VLP RDIMM, VLP Registered Mini-DIMM, [Mini DIMM](#), SORDIMM, ECC SO-DIMM, Mini-UDIMM and Mini-RDIMM, together with enhancements needed in challenging environments.

Virtium's TuffDrive™ Flash Storage Solutions are offered in a wide range of interfaces, density and form factors including Industrial Temperature CF, CFAST, SlimSATA, mSATA, eUSB, SD Card, 1.8" SSD and 2.5" SSD. For more information, visit www.virtium.com or follow on at www.Twitter.com/Virtium

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