

Toshiba Unveils Mainstream RC100 NVMe SSD Series at CES 2018

New M.2 NVMe SSDs Value-Optimised for Mainstream Gamers, DIY System Builders

Düsseldorf, Germany, 08 January 2018 - Toshiba Memory Europe GmbH announced today the launch of the RC100 Series at International CES 2018, a new line of NVMe^[1] (NVM Express)^[1] M.2 solid state drives (SSDs) for the retail, e-tail, system integrator, and channel markets. The new RC100 series features a powerful yet cost-effective design, making NVMe storage accessible to everyone.

Starting with Toshiba Memory Corporation's own state-of-the-art 64-layer, 3-bit-per-cell TLC (triple-level cell) BiCS FLASH^[2] and in-house developed SSD controller in a single package, the RC100 was built to offer consumers a viable alternative to pricier high-end NVMe SSDs. In addition to affordability, RC100 SSDs are designed for efficiency, delivering a power-optimised storage solution particularly sought after by mobile users looking to increase battery life.

The RC100 Series offers excellent performance that bridges the gap between SATA 6Gbit/s and enthusiast-grade NVMe SSDs, ensuring it sits in the 'sweet spot' for value-oriented users looking to upgrade to the industry's latest interface^[3] and reduce cable clutter. The RC100 also integrates Host Memory Buffer (HMB) technology to deliver up to 1620 MB/s and 1130 MB/s in sequential read/write transfer rates and up to 160,000 and 120,000 random read/write IOPS^[4], all without requiring on-board DRAM.

Ideal for the entire spectrum of mainstream computing - from gaming desktops and notebooks to mini-PCs (NUCs) and everything in between - RC100 modules are offered in a compact M.2 2242 (22 x 42mm) form factor and available in 120GB, 240GB, and 480GB^[5] capacities. Each RC100 SSD is backed by a 3 year warranty^[6] to ensure peace of mind.

Toshiba Memory America will be showcasing the RC100 at its private suites at the Westgate Las Vegas from January 9th – 11th, and will participate in Pepcom's Digital Experience at CES from 7:00-10:00 pm on Monday, January 8th.

For more information, please visit <http://www.toshiba-memory.com/cms/en/>.

Notes:

[1] NVMe and NVM Express are trademarks of NVM Express, Inc.

[2] BiCS FLASH is a registered trademark of Toshiba Corporation.

[3] PCI Express® interface (PCI Express is a registered trademark of PCI-SIG)

[4] Sequential performance is measured with ATTO v3.05; random performance measured with CrystalDiskMark 5.2.1; the performance mentioned herein is measured under Toshiba Memory America test conditions and may vary with the RC100 specifications in the product datasheet.

[5] Definition of capacity: Toshiba Memory Corporation defines a gigabyte (GB) as 1,000,000,000 bytes. A computer operating system, however, reports storage capacity using powers of 2 for the definition of 1GB = 2³⁰

bytes = 1,073,741,824 bytes, and therefore shows less storage capacity. Available storage capacity (including examples of various media files) will vary based on file size, formatting, settings, software and operating system, such as Microsoft Operating System and/or pre-installed software applications, or media content. Actual formatted capacity may vary.

[6] Limited Warranty, full terms and conditions available at ocz.com.

*All other company names, product names, and service names mentioned herein may be trademarks of their respective companies.

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About Toshiba Memory Europe

Toshiba Memory Europe GmbH (TME) is the European business of the Toshiba Memory Corporation (TMC). Our company offers a broad product line of high-end flash memory products, including SD Cards, USB sticks, micro SDs and embedded memory components, in addition to solid state drives (SSD). TME maintains offices in Germany, France and the United Kingdom. The company's president is Masaru Takeuchi.

For more information on the full range of TME's memory and SSD products please visit <http://toshiba.semicon-storage.com>

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Ref. TME_SSD002/A_EMEA