

RealSSD[™] C300



BENEFITS:

- **Performance**—Improve boot up and application load times
- **Reliability**—Withstand extreme shock and vibration
- **Compatibility**—SATA 6Gb/s, backward compatible to SATA 3Gb/s
- **Quality**—Crucial is a trusted name in DRAM and NAND products
- **Three Year Limited Warranty**

PERFORMANCE¹:

256GB SATA 6Gb/s

- Sequential READ: up to 355MB/s
- Sequential WRITE: up to 215MB/s
- Random 4k READ: 60K IOPS

256GB SATA 3Gb/s

- Sequential READ: up to 265MB/s
- Sequential WRITE: up to 215MB/s
- Random 4k READ: 50K IOPS

128GB SATA 6Gb/s

- Sequential READ: up to 355MB/s
- Sequential WRITE: up to 140MB/s
- Random 4k READ: 60K IOPS

128GB SATA 3Gb/s

- Sequential READ: up to 265MB/s
- Sequential WRITE: up to 140MB/s
- Random 4k READ: 50K IOPS

¹Sequential READ/WRITE numbers are measured using IOMETER, using 128k sequential transfers with queue depth of 32 and write cache enabled. Typical I/O performance numbers are measured using IOMETER, using 4k random transfers with queue depth of 32 and write cache enabled.

Innovation in Solid-State Technology

Designed with high-speed synchronous MLC NAND, advanced controller technology, optimized NAND management, and the new SATA 6Gb/s interface, these drives dramatically improve data transfers for bandwidth-demanding applications like audio and video.

And our expertise in NAND design and development makes us best equipped to optimize NAND components to specifically address the performance needs of solid-state storage. These innovations change the rules of storage and deliver breakthrough speed that transforms your computing experience.

Better Alternative for Mobile Computing

Solid-state technology in the RealSSD C300 means no moving parts for a quieter, cooler and more durable storage solution to withstand the rigors of mobile computing. Its industry-standard storage interface and dimensions makes it an easy upgrade and a better alternative to a mechanical hard drive.

Advantages for Mobile and Beyond

The improvement in boot time and application load times push performance to new levels at the desktop too. You will experience improvement across a variety of common tasks such as viewing and editing photos, video, music and other media, gaming, communications, productivity and security.

Available Products

256GB RealSSD C300 - CTFDDAC256MAG-1G1

128GB RealSSD C300 - CTFDDAC128MAG-1G1

Crucial. The Memory Experts.SM

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