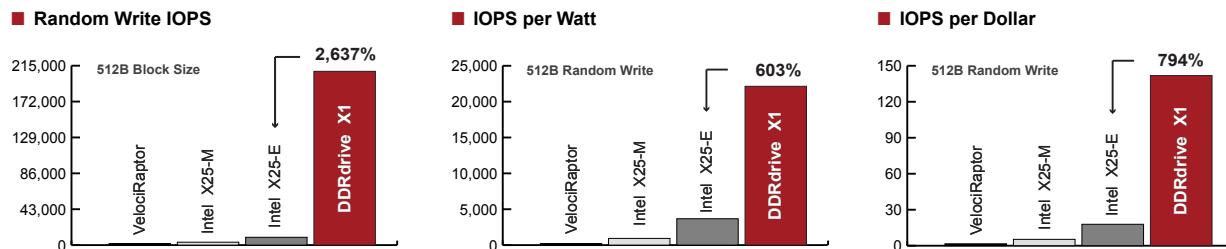


Introducing the DDRdrive X1: Redefining Solid-State Storage

PALO ALTO, California — May 4, 2009 — DDRdrive LLC introduces the DDRdrive X1, a PCI Express expansion card featuring a complete solid-state storage system. The DDRdrive X1's breakthrough architecture integrates both DRAM and NAND to transform direct-attached enterprise storage. Singularly designed to target IOPS intensive applications while setting a new standard in performance, power, and price. The DDRdrive X1 is "The drive for speed".

- Performance - up to **300,000+ IOPS**¹ Random 512B Reads / up to **200,000+ IOPS**² Random 512B Writes
- Power - up to **30,000+ IOPS/W** (Maximum Active Power Draw is 9.91 W / Minimum Idle Power Draw is 4.96 W)
- Price - up to **200+ IOPS/\$** (\$1,495.00 with a 5 Year Limited Warranty)



Each DDRdrive X1 presents a 4GB³ storage capacity, physically composed of 4GB DRAM and 4GB of NAND. Both solid-state technologies work in concert to provide the superior characteristics of DRAM (speed, reliability, and longevity) with the non-volatility of NAND. All IO operations are directed to DRAM for unsurpassed IOPS performance with NAND performing an entire drive backup or restore in less than 60 seconds.

At the core of the DDRdrive X1 Storage System is the custom high performance IOPS Engine. An FPGA based solid-state storage accelerator, in-the-field upgradable and purpose-built to dominate IO operations. The IOPS Engine is controlled by a highly tuned device driver, together providing unprecedented end-to-end IOPS optimization.

The DDRdrive X1 offers an extremely potent and cost effective solution when combined with a "Surgical Strike" methodology, i.e. relocate only the IOPS intensive data on card, while leaving the remaining storage system intact. Databases (tables, indices, transaction logs) are a prime target. Using Microsoft Windows built-in RAID support, DDRdrive X1's can be spanned (capacity), striped (performance), mirrored (redundancy), and RAID-5 configured.

"For targeted IOPS intensive applications, the DDRdrive X1 delivers unrivaled performance (300,000+ IOPS), power efficiency (33uW/IOPS), and cost effectiveness (0.005 \$/IOPS)," said Christopher George, CTO of DDRdrive LLC.

The DDRdrive X1 is now shipping, please visit www.ddrdrive.com or email info@ddrdrive.com for more information.

¹ DDRdrive Control Panel Official Benchmark. Subject to system configuration, slot selection, and operating system.

² Iometer 2006.07.27 (Worker Threads=2 / Queue Depth=32). Subject to system configuration, slot selection, and operating system.

³ Available Raw Storage - 4,160,749,568 bytes / Unavailable Redundant Storage - 134,217,728 bytes

About DDRdrive LLC

DDRdrive LLC is now shipping the DDRdrive X1, a PCI Express expansion card featuring a complete solid-state storage system. Based on a breakthrough architecture that integrates both DRAM and NAND to provide unparalleled random IOPS, IOPS/W, and IOPS/\$ performance. The DDRdrive X1 is "The drive for speed".

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