

RAIDIX ERA

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RAIDIX ERA is a software RAID that effectively works with SSD and NVMe drives. With I/O handling parallelization and lockless datapath, RAIDIX ERA utilizes maximum of hardware performance capabilities to help you get the highest performance rate.

55.8GBps

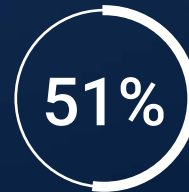
10 400 000 Iops

RAIDIX ERA is presented by Linux kernel module and management utility (CLI).

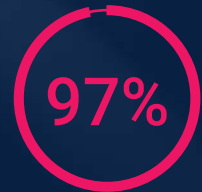
- RAID 1, 0, 5, 6, 7, 3, 10, 50, 60, 70, N+M
- Installation by rpm / deb packages
- Adjusted for the most popular Linux distribution (Ubuntu, CentOS, Oracle)
- Works with local and remote drives
- Provides RAID as a standard Linux block device
- POSIX API support: no needs to adjust apps and file systems

Taking Advantages of NVMe Parallelism

RAIDIX ERA is purpose-built for new types of flash drives, with a strong attention to their architecture and data path features. That's why our NVMe arrays show almost full declared performance.



Other Solutions



RAIDIX ERA

Same Performance With Less Drives

Comparing to the conventional software RAIDs, RAIDIX ERA has the same fault tolerance and 11-12GB/s throughput rate, but uses less drives.

RAID5+0 (MDRAID)	RAID10 (MDRAID)	RAID5 (RAIDIX ERA)
16 drives	18 drives	10 drives

Less Load on the Computing Resources

- Less 20% CPU usage under maximum array loading
- Minimum RAM utilization: less 4 GiB for full-featured work

About RAIDIX

RAIDIX is an innovative software company developing professional storage solutions. We create products for storage environments where applications and services demand high speed access and operate with massive data volumes.