maxRAID

High-performance RAID built for **SSD storage**

---

maxRAID is RAID software implemented as a Linux kernel module, exposed as a **standard block device**. It turns random writes into sequential patterns across SSDs, reducing write amplification, extending SSD lifespan, and delivering consistent high performance under load.

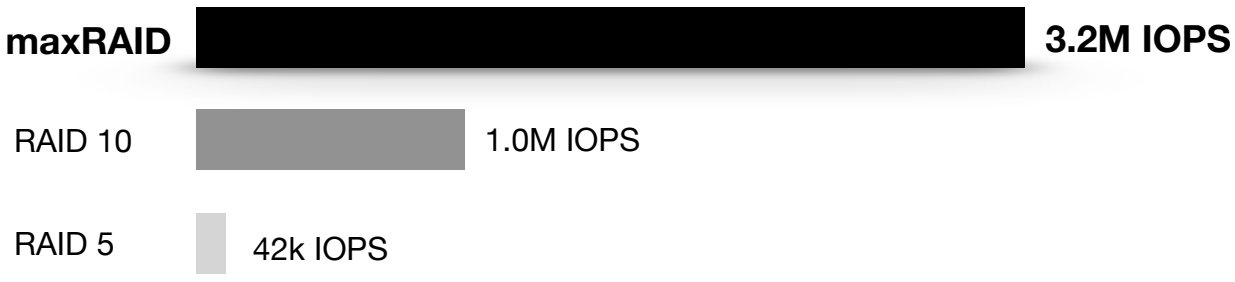
3M+ IOPS
4K random write (100% write) on 5+1 NVMe.

Lower write amplification
Extends drive lifespan.

Inline compression
More usable capacity with less data written.

Flexible Parity (1 to N-1)
Fault tolerance without performance penalty.

4K Random Writes Performance



6x 3.75TB NVMe drives (5+1 configuration)

maxraid.com

info@**wildfire-storage.com**