

Data Acceleration & Protection Without Compromise

In today's fast-paced world, organizations require high-performance storage solutions that can keep up with the demands of mission-critical applications. However, the need for enterprise-grade data protection and reliability can often mean sacrificing storage performance. Consequently, many businesses face a trade-off between data security and system speed. But what if you could have both?

With Liqid's LQD4500 IO Accelerator and SupremeRAID SR-1010™ by Graid Technology, customers can now enjoy the benefits of lightning-fast NVMe performance while also ensuring maximum protection for their data. This unbeatable combination provides businesses with **the world's fastest NVMe storage, without sacrificing data security.**

The **Liqid LQD4500 IO Accelerator** is a NVMe PCIe drive features extreme performance and capacity density for high performance workloads. With an ultra-thin, full-height full-length (FHFL) form factor, it seamlessly fits in systems with available PCIe slots. This makes the LQD4500 ideal for deployment in data center and enterprise applications.



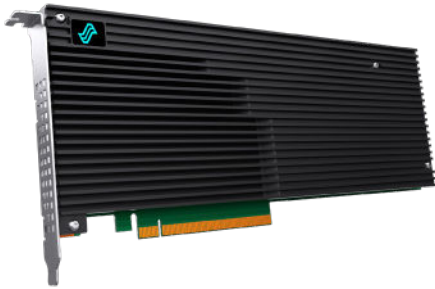
SupremeRAID™ SR-1000 by Graid Technology delivers lightning-fast SSD performance in AI-accelerated compute, all-flash array, and HPC applications. It supports RAID levels 0/1/10/5/6/ JBOD while the core software license supports up to 32 native NVMe drives. SupremeRAID™ SR-1000 enables superior NVMe and NVMeoF, SAS, and SATA performance while simultaneously increasing scalability, improving flexibility, and lowering TCO.

Climb Channel Solutions SKU	Liqid LQD4500	Total RAW Capacity	GRAID Technology	Performance (RAID 5 4K)
LQ2 00101E01D LQ2 00101E02D LQ2 00101E03D	1 X 7.6 TB 1 X 15.3 TB 1 X 30.7 TB	7.6 TB 15.3 TB 30.7 TB	1 X SupremeRAID™ SR-1000	5 Million IOPS
LQ2 00101E04D LQ2 00101E05D LQ2 00101E06D	2 X 7.6 TB 2 X 15.3 TB 2 X 30.7 TB	15.3 TB 30.6 TB 61.4 TB	1 X SupremeRAID™ SR-1000	10 Million IOPS

* Custom Quote for options up to 120 TB and 20 Million IOPS



IO Acceleration & RAID for Low Latency, Mission-Critical Applications



Liqid LQD4500 IO Accelerator Fastest Data Performance

For the most demanding workloads requiring high I/O performance, Liqid IO Accelerator NVMe PCIe add-in-cards offer unparalleled data performance and capacity in a compact footprint.

Maximize Data Performance

Liqid's performance-optimized NVMe PCIe Gen 4 design, delivers 4M IOPS, 26GB/s throughput, and only 10µs latency for world record performance.

Satisfy High-Capacity Demands

With up to 32TBs of NVMe packed into a single IO Accelerator, Liqid delivers high-capacity storage for modern databases, HPC, and AI/ML workloads.

Do More With Less

Meet new workload demands more efficiently with Liqid's compact PCIe Gen 4.0 x16 add-in-card form factor. Get unbeatable performance density that doesn't consume a single drive bay.



SupremeRAID™ SR-1000 Revolutionary Next-Generation NVMe RAID Controller

SupremeRAID™ next-generation GPU-accelerated RAID removes the traditional RAID bottleneck to deliver the full performance value of NVMe SSDs for PCIe Gen 3, 4 or 5 servers.

Become Flexible & Future-Ready

SupremeRAID™ employs unique out-of-path technology, so data travels directly from the CPU to storage, delivering maximum SSD performance, comprehensive data protection, and unmatched flexibility.

Achieve Maximum SSD Performance

Increasingly demanding workloads require faster throughput. SupremeRAID™ delivers the speed you need to power high-performance applications.

Liberate CPU Resources

Free-up precious CPU resources for high-performance computing applications by offloading your entire RAID computation to the SupremeRAID™ card.

Scale High-Performance Applications Easily

Easily manage up to 4x Liqid LQD4500 (32 direct-attached NVMe SSDs); extend data protection without sacrificing performance with Software Composable Infrastructure (SCI).