Micron SSDs and Lightbits Labs™ LightOS® Enable Low-Latency, Cloud-Native, Scale-Out Storage

Fast, Accessible, Optimized and Shared Data Powering Next Generation Applications

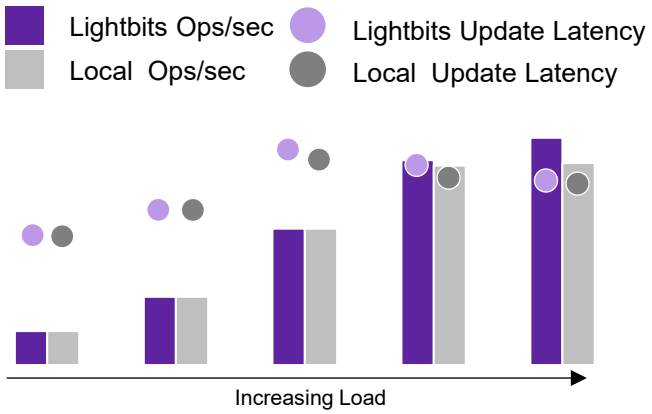
Modern applications demand the consistent performance[i] and low latency that advanced flash solutions based on NVMe™ are known for. When making an infrastructure investment getting the most out of your investment can be critical to your success. That's where scalable, software-defined storage solutions, such as Lightbits Labs LightOS come to the rescue.

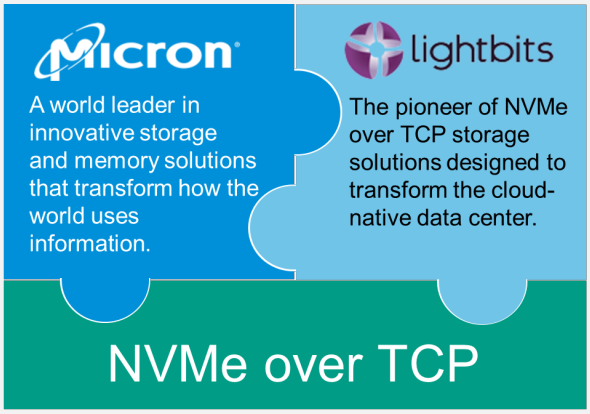
LightOS helps you realize the performance of NVMe with the efficiency and flexibility of sharable deployments without the need for expensive, specialized storage networks. LightOS software-defined storage is highly available and offers the data services and performance demanded by modern cloud-native applications.

Micron is an industry leader in advanced storage and memory products including our ground-breaking Heterogeneous-Memory Storage Engine (HSE) open-source software for Linux®.

Micron HSE can offer up to 6x the transactions of other SSD-based solutions for data analytics when using LightOS clusters. HSE was designed from the ground up to extend SSD endurance, reduce latency and maximize network efficiency -- exactly what is needed to make LightOS even better for your workloads. Micron testing demonstrates the application performance and flexibility achieved with Lightbits and Micron SSDs.

Remote Storage, Local Speeds





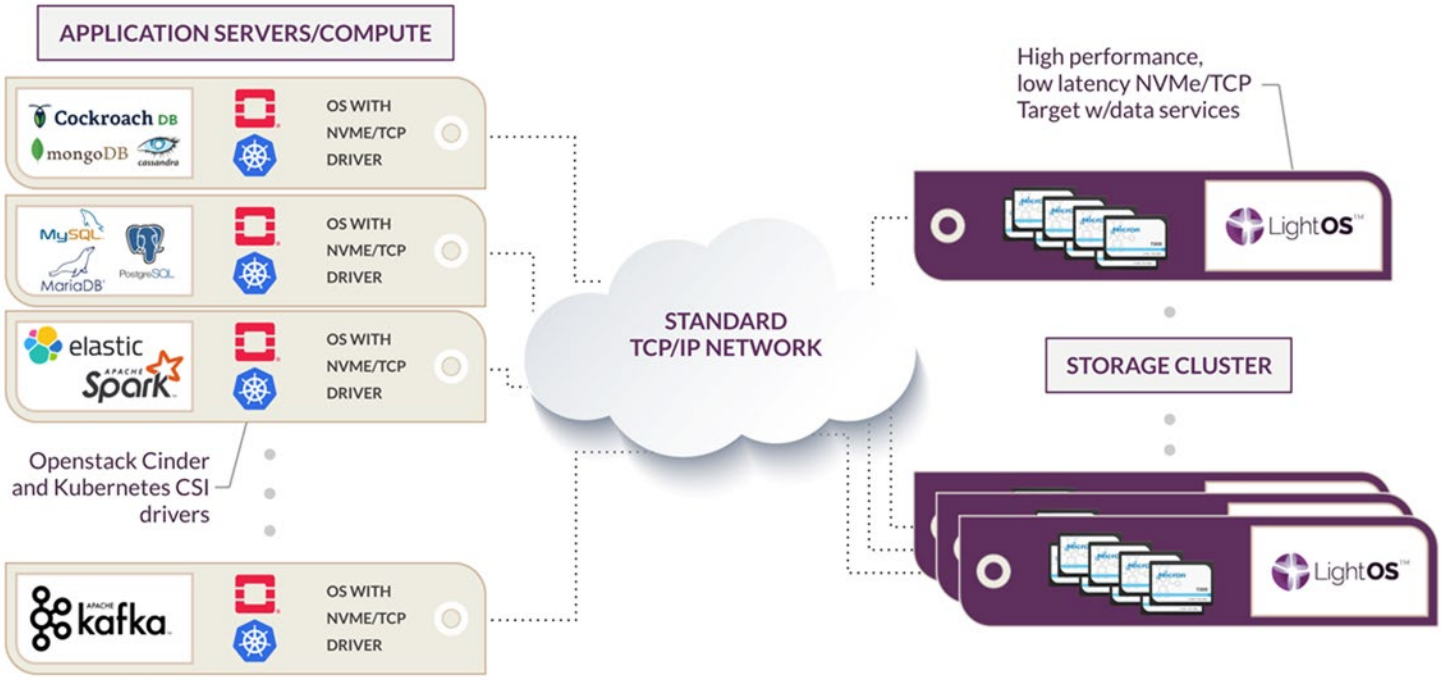
Better Together

With deep engineer-to-engineer collaboration, Micron and Lightbits Labs are working together to enable the integrated, optimized NVMe storage solutions your data center applications demand.

LightOS creates a single pool of data center storage built upon industry-standard servers hosting advanced Micron SSDs with NVMe and memory to accelerate your applications while lowering cost and improving efficiency:

- Near local flash performance across a wide range of workloads and with better overall latency (see chart at left)
- Protected data path from application to SSD
- Increased SSD endurance through LightOS intelligence flash management
- Advanced data services such as thin provisioning, compression, snapshots and clones at the speed of NVMe, as well as tight integration with Kubernetes

To learn more, contact your Micron or Lightbits Labs representative, or visit micron.com or lightbitslabs.com



Learn more about LightOS by visiting:	Learn more about Micron data center SSDs and solutions:
Composable NVMe/TCP Storage by Lightbits Labs	Micron HSE Enhances Shared Storage Using Lightbits Labs LightOS
Learn Why NVMe/TCP Is a Better Choice	Shared NVMe Becomes Mainstream With NVMe Over TCP Software-Defined Storage
Flash Disaggregation with NVMe/TCP	Micron 7300 SSD with NVMe
Modern Application Environments with LightOS	Micron 9300 SSD with NVMe

Micron SSDs with NVMe

Micron 7300 SSD with NVMe: Fast, low latency and consistent performance. NVMe storage that won't break the budget.

Micron 9300 SSD with NVMe: Industry-leading sequential write performance with the lowest average write latency on the market.

[i] "performance" refers to transactional, throughput, or latency metrics or a combination of any of these metrics. Results shown are for the configuration, workload, and variables noted. Changes in any of these may affect your results.