



Maximize performance. Minimize watts.

The Micron 9550 NVMe® SSD leads the pack of data center PCIe® Gen5 SSDs¹ for mission-critical workloads



The secret to success in the AI race is training AI models faster. The difference between winning and losing can be measured in microseconds.

Superior performance and power efficiency for Graph Neural Network (GNN) training

Train AI models faster with

60%

higher performance²

Reduce TCO with

43%

less energy used²

Drive your business forward faster than the competition

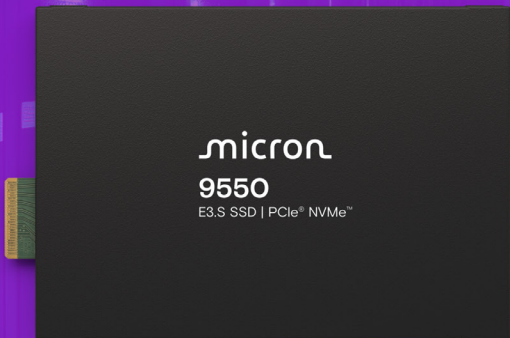
Peak performance for AI excellence



- Capacities range from 3.2TB up to a class-leading 30.72TB³
- Sequential read/write performance up to 14GB/s⁴
- Random read/write performance up to 3.3M IOPS⁴
- Multiple form factors including U.2 (15mm) and E3.S 1T (7.5mm)
- Delivers PCIe® 5.0 NVMe® server storage
- Built on Micron's world-leading G8 NAND⁵
- 5-year limited warranty⁶

Overcome your competition

Micron's memory and storage experts work with teams across the ecosystem to rigorously test workloads on a wide range of platforms in the cloud, at the edge, and everywhere in between. We can help you better understand your infrastructure's potential (and limitations) to propel you ahead of your competitors.



The high-performance Micron 9550 NVMe® SSD

Learn how the 9550 can help you win the AI race at microncp.com/9550

1. Among currently in production Gen5 data center performance SSDs from the top competitive suppliers of enterprise SSDs with at least 10% of market share by revenue as of February 2024, as noted in Forward Insights "SSD Supplier Status Quarterly Q4."

2. These and subsequent power efficiency and performance statements are based on Micron engineering test results in AI training offload, measured SSD-to-GPU direct data transfer rate with a 1TB dataset, and standard AI performance benchmarks. Values are maximums observed during testing. Performance improvements are calculated as the percentage difference between the Micron 9550 SSD performance and competitor drives in footnote one.

3. 30.72TB capacity is the largest option. User capacity: 1GB = 1 billion bytes; formatted capacity is less.

4. Performance measured under the following conditions: Steady state as defined by SNIA Solid State Storage Performance Test Specification Enterprise v1.1; Drive write cache enabled; NVMe power state 0; Sequential workloads measured using FIO with a queue depth of 32; Random READ workloads measured using FIO with a queue depth of 512; Random WRITE workloads measured using FIO with a queue depth of 128.

5. Refer to <https://www.micron.com/products/storage/nand-flash/232-layer-nand>

6. Warranty valid for 5 years from the original date of purchase or before writing the maximum total bytes written (TBW) as published in the product datasheet and as measured in the product's SMART data, whichever comes first.