



Micron® 7600 NVMe™ SSD

The drive for excellence



Whether powering cloud and data center infrastructures or pushing AI to the edge, the Micron 7600 is the solution

Combining an ultra-fast PCIe Gen5 interface with industry-leading G9 NAND technology provides the Micron 7600 the foundation for a broad range of solutions. These solutions include AI inferencing and AI at the edge, where class-leading power efficiency and performance of the Micron 7600 shines.

High throughput, low latency, and power efficiency

Industry-defining performance up to

23%

higher with 76% better
99th percentile latency¹

Unrival power efficiency up to

79%

better than competing
Gen5 mainstream SSDs¹

The Micron 7600 NVMe SSD is the answer for AI inferencing. Best-in-class AI inferencing performance and power efficiency are built on a vertically-integrated, Micron-designed solution that outclasses the competition¹.

One of the most advanced, highest performing SSDs on the market



- Delivers PCIe® 5.0 NVMe™ server storage
- Sequential read/write performance up to 12GB/s²
- Random read/write performance up to 2.1M IOPS²
- Capacities range from 1.6TB up to 15.36TB³
- Multiple form factors including U.2 (15mm), E3.S 1T (7.5mm) and E1.S (9.5 and 15mm)
- Built on Micron's world-leading G9 NAND⁴
- 5-year limited warranty⁵

Micron engineers can help you accelerate your workloads

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 any limitations) to propel you ahead of your competitors.



The mainstream Micron 7600 NVMe® SSD

Learn how the 7600 can help you overcome your
competition at microncpg.com/7600

1. Micron used the db_bench benchmark for testing RocksDB for random read while writing. SSD comparisons are based on currently in-production and available Gen5 mainstream data center SSDs with read-intensive endurance, from the top five competitive suppliers of OEM data center SSDs by revenue as of February 2025, as per Forward Insights analyst report, "SSD Supplier Status Q4/24". All testing was done by Micron labs.
2. 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).
3. User capacity: 1GB = 1 billion bytes; formatted capacity is less
4. Refer to <https://www.micron.com/products/storage/nand-flash/g9-nand>
5. 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.