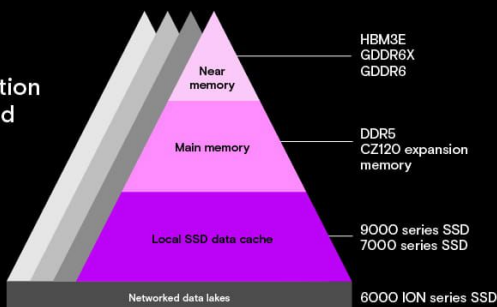




Memory and storage provide the foundation for AI

Enabling the AI revolution through innovation and leading process technology

- 1 β DRAM
- 232-Layer NAND
- Advanced packaging technologies



Memory and storage hierarchy for data center AI workloads

Micron product technology deployment advantages

High performance

For faster training and insights

HBM3E

1.2+TB/s¹

DDR5

8800MT/s²

SSDs

1.6MiOPS³

High capacity

For growing AI Large Language Models (LLMs)

DDR5
RDIMMs

128GB

Memory expansion
using CXL™

256GB

NVMe™
SSDs

30.72TB³

High efficiency

With better performance per watt

HBM3E

2.5x

improvement performance/watt
vs previous generation⁴

Micron SSDs

Up to 5000x

higher performance/watt
vs legacy storage⁴

AI applications accelerated with Micron memory and storage



Deep
learning



Automation



Computer
vision



Science
and medical



Generative
AI

¹ Data rate testing estimates based on shimoo plot of pin speed performed in manufacturing test environment

² Based on defined JEDEC specification

³ See 9400_nvme_ssd_product_brief (micron.com) for reference

⁴ Power and performance estimates based on simulation results of workload use cases and comparison to publicly available data

