



Micron Commences Volume Production of Industry-Leading HBM3E Solution to Accelerate the Growth of AI

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Micron HBM3E helps reduce data center operating costs by consuming about 30% less power than competing HBM3E offerings

BOISE, Idaho, Feb. 26, 2024 (GLOBE NEWSWIRE) -- Micron Technology, Inc. (Nasdaq: MU), a global leader in memory and storage solutions, today announced it has begun volume production of its HBM3E (High Bandwidth Memory 3E) solution. Micron's 24GB 8H HBM3E will be part of [NVIDIA H200 Tensor Core GPUs](#), which will begin shipping in the second calendar quarter of 2024. This milestone positions Micron at the forefront of the industry, empowering artificial intelligence (AI) solutions with HBM3E's industry-leading performance and energy efficiency.

HBM3E: Fueling the AI Revolution

As the demand for AI continues to surge, the need for memory solutions to keep pace with expanded workloads is critical. Micron's HBM3E solution addresses this challenge head-on with:

- **Superior Performance:** With pin speed greater than **9.2 gigabits per second (Gb/s)**, Micron's HBM3E delivers more than **1.2 terabytes per second (TB/s)** of memory bandwidth, enabling lightning-fast data access for AI accelerators, supercomputers, and data centers.
- **Exceptional Efficiency:** Micron's HBM3E leads the industry with **~30% lower power consumption** compared to competitive offerings. To support increasing demand and usage of AI, HBM3E offers maximum throughput with the lowest levels of power consumption to improve important data center operational expense metrics.
- **Seamless Scalability:** With **24 GB of capacity** today, Micron's HBM3E allows data centers to seamlessly scale their AI applications. Whether for training massive neural networks or accelerating inferencing tasks, Micron's solution provides the necessary memory bandwidth.

"Micron is delivering a trifecta with this HBM3E milestone: time-to-market leadership, best-in-class industry performance, and a differentiated power efficiency profile," said Sumit Sadana, executive vice president and chief business officer at Micron Technology. "AI workloads are heavily reliant on memory bandwidth and capacity, and Micron is very well-positioned to support the significant AI growth ahead through our industry-leading HBM3E and HBM4 roadmap, as well as our full portfolio of DRAM and NAND solutions for AI applications."

Micron developed this industry-leading HBM3E design using its 1-beta technology, advanced through-silicon via (TSV), and other innovations that enable a differentiated packaging solution. Micron, a proven leader in memory for 2.5D/3D-stacking and advanced packaging technologies, is proud to be a partner in TSMC's 3DFabric Alliance and to help shape the future of semiconductor and system innovations.

Micron is also extending its leadership with the sampling of 36GB 12-High HBM3E, which is set to deliver greater than 1.2 TB/s performance and superior energy efficiency compared to competitive solutions, in March 2024. Micron is a sponsor at [NVIDIA GTC](#), a global AI conference starting March 18, where the company will share more about its industry-leading AI memory portfolio and roadmaps.

About Micron Technology, Inc.

We are an industry leader in innovative memory and storage solutions transforming how the world uses information to enrich life *for all*. With a relentless focus on our customers, technology leadership, and manufacturing and operational excellence, Micron delivers a rich portfolio of high-performance DRAM, NAND and NOR memory and storage products through our Micron® and Crucial® brands. Every day, the innovations that our people create fuel the data economy, enabling advances in artificial intelligence and 5G applications that unleash opportunities — from the data center to the intelligent edge and across the client and mobile user experience. To learn more about Micron Technology, Inc. (Nasdaq: MU), visit micron.com.

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Micron Media Relations Contact

Kelly Sasso
Micron Technology, Inc.
+1 (208) 340-2410
ksasso@micron.com

Micron Investor Relations Contact

Satya Kumar
Micron Technology, Inc.
+1 (408) 450-6199
satyakumar@micron.com

