Modern data centers are using artificial intelligence (AI) and high-performance computing (HPC) environments to solve today’s most pressing challenges. But for AI and HPC to operate at their peak, each must be fed massive amounts of data — quickly, efficiently and continuously.

High Bandwidth Memory (HBM) offers ultra-wide bandwidth and scalable density with low power consumption to do just that. At the forefront is HBM2E, the fastest memory on the planet and the flagship of Micron’s complete Ultra-Bandwidth Solutions portfolio.

Why is HBM2E better?
Because it’s closer.

- Closely integrated, it means closer to the compute
- More bandwidth
- Cooler thanks to close physical placement of memory next to the compute
- 1,024 bit multichannel I/O for maximum bandwidth and capacity

Why Micron for High Bandwidth Memory
The industry’s most complete high performance memory portfolio

- 8x greater package density compared to GDDR6
- 7x more package bandwidth than GDDR6
- 87.5% reduce forward error correction

When performance is everything, choose the memory that outperforms all.

Learn more: micron.com/hbm2e

Sources

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...Driving AI adoption across the enterprise

At the beginning of 2020, there were 40x more bytes in the global datasphere than stars in the observable universe.

40+ years of memory manufacturing expertise and leadership
1000+ patents in memory stacking and advanced packaging solutions

“AI transforms data into actionable intelligence
Driving the need for High Bandwidth Memory

Data growth is accelerating...

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