

Video Message Transcript

Applied Materials EPIC Center Launch

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At Micron, we see emerging data-rich applications growing the memory and storage markets to new heights. Recent developments in large language models, autonomous driving, precision healthcare, cloud and mobile applications are all driving significant growth and performance requirements for memory and storage devices. These applications will transform how the world uses data to enrich life for all. For example, servers for AI demand as much as eight times the DRAM bits of a standard server and up to three times the NAND storage.

The memory industry has a great responsibility to overcome technology challenges to scale the availability of faster low-power memory at attractive bit costs. The increasingly digital global economy and future of advanced AI-driven applications depends on our progress.

To enable these new memory devices, we need materials and engineering innovations. We need to manipulate atoms and electrons precisely to deliver the needed performance. We are also faced with the responsibility of continuing to build a workforce for the future that can extend the industry roadmap long after we are all gone. Micron has collaborated closely with Applied Materials for many decades to enable multiple materials and process engineering innovations, and we are very proud of this collaboration. Applied's new high-velocity innovation center will be a unique place for our teams to partner and collaborate even more closely to accelerate materials development and process innovations to build a strong future for the semiconductor industry.

We are pleased to partner with Applied Materials at its world's-leading innovation and commercialization center, where we can engage with university and industry partners to develop next-generation memory, packaging, process and equipment technology solutions and, of course, the workforce for the future.