

New Product Announcement

Mouser Now Offers Intel Optane Persistent Memory, a Groundbreaking Alternative to DRAM

August 3, 2020 – [Mouser Electronics](http://www.mouser.com), Inc., the authorized global distributor with the newest semiconductors and electronic components, is now stocking [Intel® Optane™](https://www.intel.com/content/www/us/en/technology-resources/whitepapers/optane-persistent-memory.html) persistent memory, which provides an affordable alternative to DRAM with significantly increased capacity of up to 512 GBytes. Intel Optane offers increased performance and efficiency, helping to support applications such as in-memory [databases](#), analytics, and content delivery networks.

[Intel Optane persistent memory](#) modules, available from Mouser Electronics, provide designers and developers with access to large, affordable memory capacity that can act as either volatile memory or a persistent, high-performance data tier. To simplify integration, the modules are DDR4 socket compatible and operate on the same bus/channels as DDR4 DRAM, enabling design flexibility when working with conventional DDR4 DRAM DIMMs on the same platform. The system's administrator can configure Intel Optane persistent memory to operate as volatile memory capacity indistinguishable from DRAM from a software perspective, or as non-volatile memory that retains its data like an SSD, but at 225 times faster data access than a typical NAND-based drive.

Intel Optane persistent memory modules are available in capacities of 128 GBytes, 256 GBytes, and 512 GBytes, and are compatible with the 2nd Generation Intel Xeon® Scalable processor family, allowing the development of up to eight-socket systems with up to 24 TBytes of system memory. The modules enable higher system performance with larger memory with much higher endurance than NAND SSDs for write-intensive workloads.

The versatile Intel Optane persistent memory features two operating modes — App Direct Mode and Memory Mode — allowing users to tailor their persistent memory solutions to specific workloads. Operating at the intersection of [memory and storage](#), Intel Optane persistent memory supports the development of new data-intensive use cases, while also driving infrastructure consolidation by maximizing processor performance.

To learn more about Intel Optane persistent memory, visit <https://www.mouser.com/new/intel/intel-optane-dc-persistent-memory/>.

As an authorized distributor, Mouser Electronics is focused on the rapid introduction of new products and technologies, giving customers an edge and helping speed time to market. Over 800 semiconductor and electronic component manufacturers count on Mouser to help them introduce their products into the global marketplace. Mouser's customers can expect 100% certified, genuine products that are fully traceable from each manufacturer.

With its broad product line and unsurpassed customer service, Mouser strives to empower innovation among design engineers and buyers by delivering advanced technologies. Mouser stocks the world's widest selection of the latest semiconductors and electronic components for the newest design projects. Mouser Electronics' website is continually updated and offers advanced search methods to help customers quickly locate inventory. Mouser.com also houses data sheets, supplier-specific reference designs, application notes, technical design information, and engineering tools.

About Mouser Electronics

Mouser Electronics, a Berkshire Hathaway company, is an award-winning, authorized semiconductor and electronic component distributor focused on rapid New Product Introductions from its manufacturing partners for electronic design engineers and buyers. The global distributor's website, Mouser.com, is available in multiple languages and currencies and features more than 5 million products from over 800 manufacturers. Mouser offers 27 support locations around the world to provide best-in-class customer service and ships globally to over 630,000 customers in 223 countries/territories from its 1 million sq. ft. state-of-the-art facilities south of Dallas, Texas. For more information, visit www.mouser.com.

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