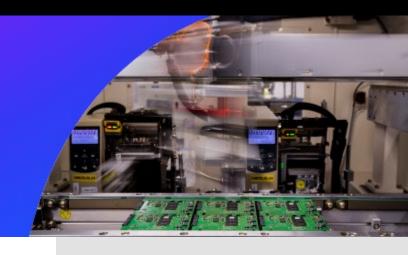# Micron offers the flexibility to design the future

Micron memory and storage technologies are engineered for your innovation

Micron is the memory and storage expert, with 40+ years of experience[1] developing advanced memory and storage products.

We are dedicated to collaborating with our customers and partners to engineer solutions that are designed to deliver a superior user experience, drive innovation, and transform what is possible. From our broad selection of memory and storage products (SSDs)[2] to our in-depth, system-level consultation, we are here to help you with your product innovation.[3]

We support the evolving performance requirements of the client segment.

Our client solutions provide exceptional performance while delivering extended battery life — helping you design and deliver fast, highly mobile, and energy-efficient desktop and mobile workstations, 2-in-1 designs, and ultrathin portables for your customers.

Micron means options

We have one of the industry's most robust and diverse product lines, from low-power embedded solutions to the highest-performance memory and SSDs.

We are your memory and storage supplier of choice for your client systems — whether your design calls for high-end, specialty, or traditional memory and storage.

Micron has the memory and storage products to fill the needs of client systems, no matter which standard or unique form factor you prefer.

Engaging designs require components that enable innovation. Micron delivers.

Micron memory and storage enable client performance and power savings through Micron's optimization and use of advanced technologies.

Our innovations deliver lightning-quick responsiveness and battery-sipping power consumption for long-lasting daily computing.

Desktop and Mobile

Users demand performance, responsiveness, and broad capacity options.

Micron client memory and storage products enable fast, responsive applications in mainstream, gaming, consumer, and business platforms.

2-in-1 Designs

Productivity, portability, and convenience are primary design considerations — all without sacrificing performance.

Whether used as a laptop, a tablet, or anywhere in between, 2-in-1 designs need to be power- and space-efficient with plenty of storage capacity.

Ultrathin Portables

The challenge here is delivering powerful, responsive computing that is easy to carry, fitting into a backpack or a briefcase.

These thin, lightweight, sleek designs are built to withstand rugged conditions like constant travel. Power efficiency and form factor flexibility are top focus areas.

1. Micron was founded in 1978. See https://www.micron.com/about/our-company/timeline#:~:text=Micron%20began%20in%201978%20as,the%20world%27s%20smallest%20256K%20DRAM for additional details on Micron's history.
2. See https://www.micron.com/products/dram-modules for additional information on Micron memory and https://www.micron.com/products/ssd for additional information on Micron SSDs.
3. Micron global customer labs foster collaboration from the inception of designs and throughout the product execution phase so customers can capitalize on the capabilities of our memory and storage solutions at the system level. See https://www.micron.com/campaigns/global-customer-labs for additional information on Micron global customer labs.

Micron®

Optimized memory and storage solutions for client platforms

Micron Product	Densities[4]	Key Features
Memory Solutions		
DDR5-5600 UDIMM	8GB to 48GB	Micron's DDR5 SDRAM sets the bar higher than ever before when it comes to overall system performance — pushing the limits of high-speed signaling and directly addressing the memory bandwidth challenge. Micron DDR5 is available in UDIMM or SODIMM modules, and as components.[5]
DDR5-5600 SODIMM	8GB to 48GB	
DDR5-5600 Components	16Gb to 24Gb	
LPDDR5X 7500	16Gb to 128Gb	Micron's lowest-power solution that can support high-bandwidth data rates without compromising power efficiency in ultrathin notebooks using memory direct on the motherboard; available in dual-, quad- and eight-die packages
LPDDR5X 8533	16Gb to 128Gb	
Storage Solutions		
Micron 3500 NVMe™ SSD	512GB to 2TB	The Micron 3500 SSD easily manages the most demanding client applications in professional, science, gaming, content creation.
Micron 2550 NVMe™ SSD	256GB to 1TB	This SSD leverages host-memory buffer technology[6] for ultra-low power consumption while enabling a responsive client device that runs longer on a single charge.
Micron 2400 NVMe™ SSD	512GB to 2TB	Available in three compact M.2 form factors, the Micron 2400 SSD delivers improved storage density, affordability, and flexibility without compromising the user experience.

Table 1: Micron client memory and SSD solutions

With memory and storage solutions playing such a massive role in differentiating and improving product performance — and with system-level designs becoming more complex — there are numerous advantages to collaborating with us:

In-house expertise: Our deep engineering experience and broad system knowledge combine to lead you into successful system design and production.

End-to-end support: Collaborating throughout the whole design cycle facilitates in-depth support and saves valuable time in product development.

Top-notch performance: We understand today's most complex system-level designs and know how to integrate memory and storage from every angle to maximum your product performance.

A corporate commitment to sustainability: Micron cares about doing the right thing. We want to make our world a better place for everyone with our environmental, social, and governance goals. We work hard to help our people, communities and planet thrive.[7]

Visit micron.com for more details on client memory and storage solutions. Contact your Micron sales representative with questions or for requests for samples and support.