



Client

Micron's comprehensive portfolio of client-focused memory and storage solutions enables customers to innovate and differentiate to meet user expectations.



Applications

Ultrathins and convertibles
Notebooks
Desktops/All-in-One PCs
PC BIOS

Industry Trends

From desktop workstations to the lightest ultrathin form factors, computing designs require a multitude of packages, densities and speeds to meet wide-ranging user demands.

- Desktop/AIO users need high performance and high responsiveness for highly complex graphics and computationally intensive applications.
- Notebook users need performance and mobility to support high-quality webcam video and emerging voice over Internet protocol applications, as well as intensive business-use applications.
- Ultrathin users need powerful, responsive computing in a thin, lightweight, reliable design that can withstand rugged conditions. Power consumption and form factor are the focus.

High demand to extend battery life has raised expectations that power reductions can be gained from the memory as our customers look for ways to meet new power budgets and increase standby time. The smaller system footprints of ultrathin clients have caused DRAM form factors to shift to include soldered-down DDR and LPDDR components in client applications. An increased need for data security and encryption firmware is driving density growth in serial NOR at the same time smaller device footprints are requiring a thinner package.

Why Micron for the Client Segment?

Micron's memory and storage technology is engineered for your innovation.

We are dedicated to collaborating with customers and partners to engineer technology that drives innovation and transforms what's possible. From memory selection to in-depth system-level consultation, we are here to support your product innovation.



Micron supports the evolving performance requirements of the client segment.

Micron is the memory expert, with 40+ years experience developing the most advanced memory and storage technologies. Our application-specific solutions for the client segment provide optimal performance while delivering longer battery life—helping our customers to design the fastest, most mobile and energy-efficient computers, laptops and ultrathins on the market.

Micron has the most extensive portfolio of personal systems-focused memory in the world.

We have the industry’s most robust and diverse product line, from low-power embedded solutions to the highest-performance DIMMs. We can serve as the sole memory supplier for client systems customers—the only supplier with that capability. Whether a design calls for legacy, specialty or high-end products, our broad portfolio offers an optimal solution for a wide range of applications.

Micron’s global resources provide support when and where you need it.

Our global footprint enables us to react quickly to your needs—to provide design support and validation and help facilitate quicker time to market and ensure optimized system performance.

Optimized Memory and Storage Solutions for Client

Product	Densities	Features
DDR4 SODIMMs	4–16GB	Significantly shorter than standard DIMMs; saves board space in slim notebook PCs and mobile internet devices
DDR4 UDIMMs	4–16GB	Reliable memory solution for high-speed, cost-effective computing systems
DDR4 Components	8–16Gb	Ideal for form factor-sensitive PC applications
LPDDR4 Components	16–64Gb	Consumes less power without sacrificing performance with low-voltage and power-saving features like temperature-compensated self refresh (TCSR) and partial-array self refresh (PASR)
Client SSDs	64GB–1TB	Provide groundbreaking performance, optimum portability, extremely low power consumption, industry-leading data encryption, and versatile form factors

micron.com

Products are warranted only to meet Micron’s production data sheet specifications. Products and specifications are subject to change without notice. Dates are estimates only.

©2016 Micron Technology, Inc. Micron and the Micron logo are trademarks of Micron Technology, Inc. All other trademarks are the property of their respective owners. All rights reserved.
Rev. C 11/18 CCMMID-676576390-1682

