

# Crucial® LPCAMM2 Powers AI-Ready Laptops With Breakthrough 8,533MT/s Speeds

Micron Technology is pushing the boundaries of laptop performance with higher speeds for Crucial LPCAMM2 memory, now reaching up to 8,533 megatransfers per second (MT/s).

This latest enhancement brings even more performance to Crucial's standards-based compact memory module, purpose-built to allow easy upgrades, efficient energy use and AI-ready computing.

With the new speed and densities up to 64GB, Crucial LPCAMM2 allows users to run complex simulations, real-time AI tasks and data-intensive workloads with ease. This launch marks a major step forward in [mobile memory innovation](#), offering 1.5 times faster performance<sup>1</sup> and lower power consumption than traditional DDR5 SODIMMs.

The modules deliver all the benefits of [Micron's](#) leading LPDDR5X mobile memory in a form factor that is less than half the size of standard SODIMMs, enabling users to upgrade, repair and extend the life of their devices, reducing e-waste.

"Our customers are looking for upgradeable memory solutions that can keep pace with the demands of AI workloads and mobile multitasking," said Jonathan Weech, senior director of product marketing for Micron's Commercial Products Group.

"Crucial LPCAMM2 is designed to meet those needs with speed, energy efficiency and the flexibility to upgrade, all in a compact form factor."

## Why It Matters:

Crucial LPCAMM2 is ideal for AI developers, creators and mobile professionals who need fast, efficient memory for multitasking, rendering and handling large datasets.

H1: Crucial LPCAMM2 delivers upgradeable, high-performance memory for next- gen AI PCs

Meta Description: Micron's Crucial LPCAMM2 memory now delivers up to 8,533MT/s speeds with densities up to 64GB, enabling AI-ready laptops with faster performance, lower power use, and sustainable upgradeability.

Keywords: Crucial LPCAMM2, Micron memory, AI laptops, DDR5 upgrade, high-performance memory, AI-ready PCs

SM Blurb: @Micron's Crucial LPCAMM2 is redefining laptop performance with 8,533MT/s speeds, up to 64GB densities, and a compact, upgradeable design built for AI-ready PCs. With faster multitasking, lower power consumption, and seamless integration into next-gen laptops from @Lenovo and @Dell, this innovation is powering the future of mobile AI computing.

#Crucial #Micron #LPCAMM2 #AILaptops #MemoryInnovation

---

- In real-world multitasking scenarios – like web browsing, video conferencing and photo editing – with greater performance traditional DDR5 SODIMMs.<sup>2</sup>
- Crucial LPCAMM2 also achieves better performance in productivity workloads such as office applications, spreadsheets and writing tools.<sup>2</sup>

With improved performance and power efficiency over traditional SODIMMs,<sup>3</sup> the module delivers performance for AI tasks on the go and contributes to upgradeability and a more sustainable IT strategy.

The LPCAMM2 form factor was developed in close collaboration with leading PC ecosystem partners and top OEMs to ensure seamless integration with next-generation AI PCs.<sup>4</sup> That effort helped shape the standard to meet the evolving needs of mobile computing, enabling breakthrough performance, power efficiency and upgradeability.

LPCAMM2 memory is compatible with next-gen AI mobile workstations from [Lenovo](#) and Dell, with broader adoption forecasted as more laptop manufacturers embrace the standard.

**Availability:**

Crucial LPCAMM2 memory is available now through select e-tailers, retailers and global channel partners.