

MARKETS & INDUSTRIES

Automotive memory and storage solutions

For more than 30 years and trillions of miles, Micron has been committed to bringing high-performance memory and storage technology to the automotive industry.

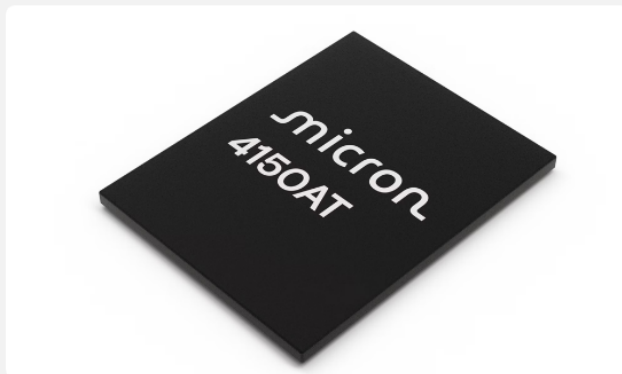


Overview | Automotive products

Drivers in automotive memory and storage

Micron has continuously played a pivotal role in delivering ultimate automotive data storage and memory components for more than 30 years. In an evolving era of autonomous driving and electrification, vehicles must have innovative automotive IT solutions to deliver the very best and safest experience. From quality assurance to pioneering automotive security technology, with Micron, you know you're getting the best.

[Connect with our Sales Team](#) to discuss your automotive memory and storage needs.



Introducing Micron 4150AT automotive SSD

The Micron 4150AT automotive SSD supports quad-port SR-IOV central/zonal architectures. It has enterprise-grade performance to support multi-host and multi-virtual (mixed random) workloads and is designed to address the needs of the automotive market with longevity, reliability, quality, ruggedness and application-specific features. Automotive qualified, ASIL-B and ASPICE level 3.

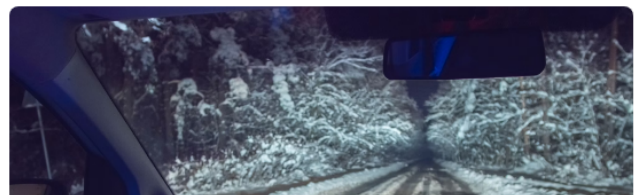
[4150AT AUTOMOTIVE SSD](#)

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Automotive megatrends and their impact on memory and storage



The five automotive megatrends — **autonomous, electrification, enriched**



Automotive megatrends and their impact on memory and storage

The five automotive megatrends — **autonomous, electrification, enriched cabins, connectivity and zonal architectures** — are significantly transforming the automotive industry, especially car memory and auto storage systems requirements.

[AUTOMOTIVE MEGATRENDS PAPER](#)



DRAM in critical automobile safety systems

Micron's comprehensive automotive memory and data storage portfolio enables transformative automotive applications.

[Automotive DRAM paper](#) →



First to functional automotive safety

Micron leads the industry with ISO 26262 ASIL-D certification for product and process, helping reduce complexity and cost for automotive manufacturers.

[Visit first to functional safety](#) →

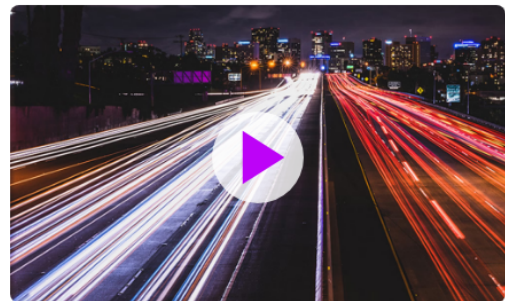
Data-intensive automotive applications require advanced car memory and data storage

Micron's automotive semiconductors are paving the way for advanced automotive applications and capabilities that require the highest memory and auto storage systems performance in the most demanding environments.

Our industry-leading portfolio of automotive IT solutions addresses the unique requirements of today's — and tomorrow's — most data-intensive automotive applications.



These automotive applications enable such technologies as advanced driver-assistance systems (ADAS), autonomous vehicles, enriched cabins, connected cars and shared vehicles



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[AUTOMOTIVE SOLUTIONS VIDEO](#)

Automotive insights

- **How is AI used in the automotive industry?**

Car manufacturers use artificial intelligence in nearly all areas of the automotive industry — from design improvements and manufacturing processes to the movement of autonomous cars in traffic.

+ **Do cars use memory and storage?**

+ **What are the types of memory used in a car?**

+ **What is functional safety?**

+ **What is Micron SAFER memory?**

Your owner's manual for automotive memory.

We know automotive memory and auto storage solutions. We've been doing it for more than 30 years. If you need information and automotive insights, we've got it. Here's some of our latest.



Micron achieves ISO/SAE 21434:2021 CSMS certification

Cybersecurity management system (CSMS) certification underscores Micron's commitment to cybersecurity excellence.

[Read blog](#) →



Automotive memory: Quality vs. functional safety and why it matters

Functional safety in the automotive industry is quickly becoming the hot automotive term — find out why with Micron.

[Read automotive memory article](#) →



Micron automotive applications portfolio

In an era of autonomous driving and electrification, vehicles need to have world-class components. Discover automotive memory solutions from Micron.

[Download portfolio flyer](#) →



Micron 4150AT SSD: Revolutionizing intelligent vehicle architectures

The Micron 4150AT SSD is an automotive-grade, quad-port SR-IOV SSD for central architectures in software-defined vehicles.

[Watch 4150AT SSD video](#) →

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