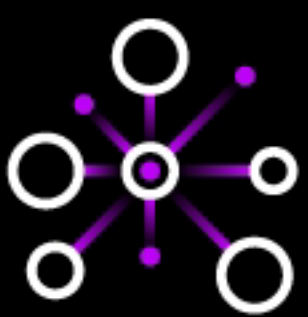


Robots that deliver real business results

Improving productivity, safety and operational efficiency through intelligent perception, decision-making and autonomy

Business outcome	Edge AI workload	Memory and storage enable
 <div>Increase efficiency and speed Warehouse robotics</div>	<ul style="list-style-type: none">• Continuous navigation• Obstacle avoidance• Route optimization	<ul style="list-style-type: none">• Processing of multiple sensor streams• Maintaining maps and environment awareness• Real-time AI decisions
 <div>Improve quality and productivity Manufacturing robotics</div>	<ul style="list-style-type: none">• Vision AI• Defect detection• Precision control	<ul style="list-style-type: none">• Instantly storing/accessing inspection data• Feeding real-time sensor data into AI• Delivering millisecond response times
 <div>Reduce human exposure to hazards High-risk environment robotics</div>	<ul style="list-style-type: none">• Perception• Situational awareness• Autonomous operation	<ul style="list-style-type: none">• Continuously sensing and logging environmental data• Supporting reliable operation in mission-critical environments• Improving response to environmental changes
 <div>Scale intelligent autonomy Humanoid and autonomous robotics</div>	<ul style="list-style-type: none">• Reasoning and planning• Multi-modal AI• Coordination	<ul style="list-style-type: none">• Supporting large AI models at the edge• Retaining contextual information• Managing massive amounts of sensor data

The critical layer powering edge AI robotics

Micron memory and storage help edge AI robots perceive, decide and act in real time, enabling greater efficiency, productivity, safety and autonomy.

To learn more, visit: micron.com/robotics