

# Get to market fast with industrial-class, deep learning inference

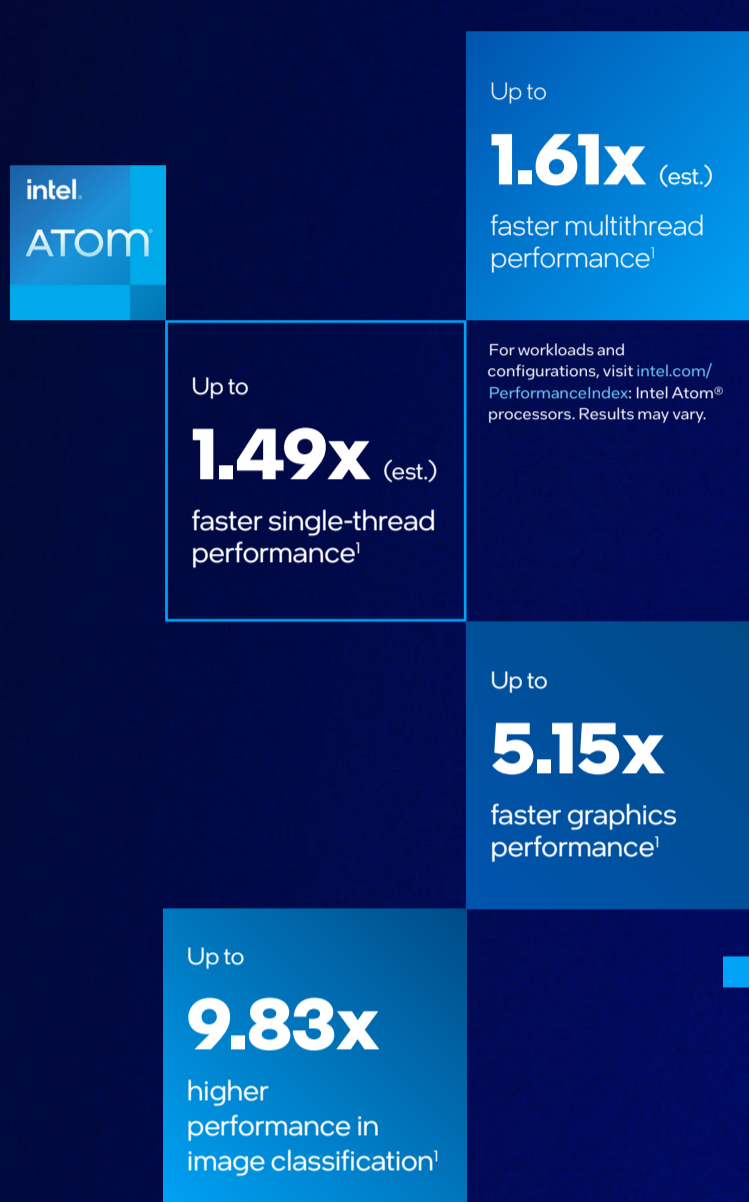
Deploy ruggedized edge appliances without compromise with the Intel Atom® processors x7000RE Series

The Intel Atom® processors x7000RE Series simplifies your path to deploying AI inference where you need it most, in challenging environments and hard-to-reach places on the factory floor. Integrated graphics, built-in AI inference capabilities, and ecosystem-enabled camera modules help accelerate your time to deployment for computer vision solutions.



## Intel Atom® processors x7000RE Series

vs. Intel Atom® processors x6000RE Series

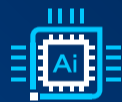


## Explore advanced edge capabilities



### Efficient, ruggedized performance

Consolidate appliances with more performance in a small footprint. Enhance manufacturing lines and application performance while delivering high uptime and energy efficiency.



### Deep learning capabilities

Stay competitive with a simplified path for AI inferencing. Improve productivity and quality with AI-enabled automation and defect detection while accelerating R&D via ecosystem-enabled cameras for computer vision.



### Tailored for industrial needs

Withstand high levels of shock, vibration, and intense cold or heat with Industrial use conditions and Extended Temperature<sup>2</sup> ranges while driving more value through long-life availability.<sup>3</sup>

## Use cases



### Industrial

Enable Industry 4.0 automation with power-efficient performance, integrated graphics and deep learning inference capabilities, and industrial-grade durability.

AI automated tending, sorting, picking, palletizing, warehouse autonomous mobile robots (AMRs), in-line visual inspection for quality control, embedded and single-board computers, and ruggedized industrial PCs



### Smart cities

Support onboard devices for city fleet management and enable computer vision for digital safety and emerging adjacent use cases that use AI and graphics capabilities in combination with ecosystem-enabled camera modules.

Network video recorders; AMRs for security, wayfinding, and delivery; and video analytics for smart communities, road and traffic management, parking, and smart city AI and sustainability

Easily deploy ruggedized, deep learning inference and compute for Industry 4.0 capabilities.

Learn more about the Intel Atom® processors x7000RE Series at [intel.com/atomx7000re](https://intel.com/atomx7000re)

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- Performance varies by use, configuration, and other factors. Learn more at [intel.com/PerformanceIndex: Intel Atom® processors](https://intel.com/PerformanceIndex: Intel Atom® processors). Results may vary.
- Industrial use conditions of up to 10 years, up to 100 percent active, no turbo, Extended Temperature (-40°C to 105°C).
- Intel does not commit or guarantee product availability or software support by way of road map guidance. Intel reserves the right to change road maps or discontinue products, software, and software support services through standard EOL/PDN processes. Contact your Intel account rep for additional information.

Performance results are based on testing as of dates shown in configurations and may not reflect all publicly available updates. See backup for configuration details. No product or component can be absolutely secure.

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