

Performance made flexible.

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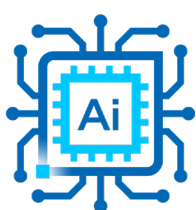
3rd Gen Intel® Xeon® Scalable processors push the boundaries of the Internet of Things

1.46x

average performance gains over prior generation¹

1.56x

improvement in AI inference for image classification gen over gen²



Meet present and future AI needs

Built-in acceleration helps satisfy performance-hungry AI video and analytics use cases—today and tomorrow.

Better secure your platforms and data with integrated protection



Help protect sensitive data in trusted enclaves

With Intel® Software Guard Extensions



Enable full physical memory encryption

With Intel® Total Memory Encryption

Leverage integrated efficiency and agility



Improve performance and optimize TCO with more CPU control

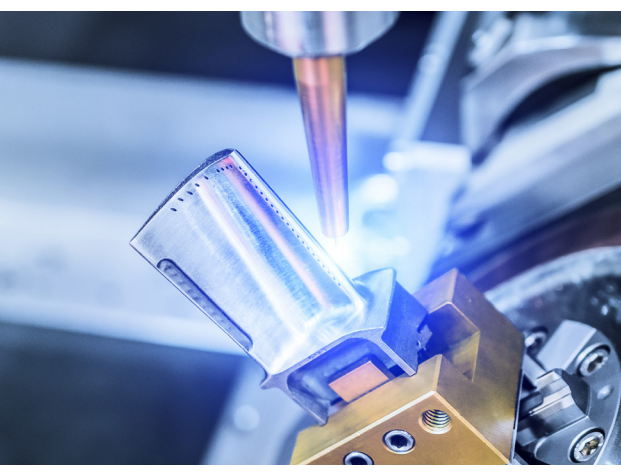
Using Intel® Speed Select Technology



Enable monitoring and control of shared resources

Using Intel® Resource Director Technology

Take your IoT technology further



Industrial automation

Increase accuracy and efficiency with better performance for vision solutions.

Converge workloads at the edge and accelerate AI inference use cases such as image classification and object detection.

Healthcare

Augment clinical workflows and provider diagnoses with enhanced analysis, automation, and performance.



Retail, banking, hospitality, and education

Deliver the performance, flexibility, security, and operational controls to enable better customer experiences.

Public sector

Use hardware-level security features to provide a trusted foundation that can help protect sensitive data.



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Find out more about 3rd Gen Intel® Xeon® Scalable processors for IoT applications →

1. See [125] at www.intel.com/3gen-xeon-config. Results may vary.

2. See [121] at www.intel.com/3gen-xeon-config. Results may vary.

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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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