

Optimize your data center with Intel® Xeon® processors

Make the best use of your space, power, and budget.

Consolidate workloads to fewer servers and repurpose space and power for AI-ready servers at a lower total cost without compromising performance.¹





Recover your cost in 4 months

Intel Xeon 6 processors with Efficient cores (E-cores)

These processors are ideal for cloud-scale workloads that demand high task-parallel throughput as well as places where power, space, and cooling are limited. They are optimized for high core density and exceptional performance per watt.

Take advantage of lower TCO by migrating from 2nd Gen Intel Xeon processors (6252) to Intel Xeon 6 processors with E-cores (6740E).⁵



5th Gen Intel Xeon processors

These processors deliver impressive performance-per-watt gains across all workloads, plus outsized performance and lower TCO for AI, databases, networking, storage, and highperformance computing.⁶

Make the most of these advances by migrating from 2nd Gen Intel Xeon processors (4214) to 5th Gen Intel Xeon processors (5520+).⁷



Take the next step and learn more

Visit Intel TCO Advisor website to calculate the benefits available to you with Intel[®] Xeon[®] processors.

Learn more about how Intel® Xeon[®] 6 processors can meet your diverse power, performance, and efficiency requirements.

Securely unlock the full potential of AI and cloud. Learn <u>more</u>

- ¹ See [7T1] at intel.com/processorclaims: Intel® Xeon® 6. Results may vary.
 ² See [9A2] at intel.com/processorclaims: Intel® Xeon® 6. Results may vary.
 ³ See [9H10] at intel.com/processorclaims: Intel® Xeon® 6. Results may vary.
 ⁴ EMEA energy costs greater than US. Outcome varies by use, configuration and other factors. Please reference Intel Node TCO & Power Calculator.
 ⁵ Outcome varies by use, configuration and other factors. Please reference Intel Node TCO & Power Calculator.
 ⁶ See [G1, T1] at intel.com/processorclaims: 5th Gen Intel Xeon processors. Results may vary.
 ⁷ Comparing benefits transitioning from Intel Xeon 4214 to Intel Xeon 5520+
 Performance varies by use, configuration and other factors. See configurations below. Results may vary.

2nd Gen Intel Xeon to 5th Gen Intel Xeon:

Calculations as of June 2024 based on the Intel® Node TCO & Power Calculator using default cost, power and TCO assumptions over a multi-year TCO horizon comparing replacing 50 older servers with Intel Xeon 4110 processors with new servers using new 4th Gen Intel Xeon processors. Results may vary. Performance measurements based on published SPECrate®2017_int_base on spec.org as of March 28, 2023 4214 https://www.spec.org/cpu2017/results/res2021q3/cpu2017-20210824-28887.html 5520+ https://www.spec.org/cpu2017/results/res2024q1/cpu2017-20240311-41976.html

Notices & Disclaimers

Performance varies by use, configuration and other factors. Learn more at www.Intel.com/PerformanceIndex.

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

Intel contributes to the development of benchmarks by participating in, sponsoring, and/or contributing technical support to various benchmarking groups, including the BenchmarkXPRT Development Community administered by Principled Technologies.

Your costs and results may vary.

Intel technologies may require enabled hardware, software or service activation.

Some results may have been estimated or simulated.

Intel does not control or audit third-party data. You should consult other sources to evaluate accuracy.

All product plans and roadmaps are subject to change without notice.

Statements in this document that refer to future plans or expectations are forward-looking statements. These statements are based on current expectations and involve many risks and uncertainties that could cause actual results to differ materially from those expressed or implied in such statements. For more information on the factors that could cause actual results to differ materially, see our most recent earnings release and SEC filings at www.intc.com.

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