



Refresh your data center to do more for less

Intel delivers lower TCO vs AMD

Modernize aging infrastructure with Intel® Xeon® 6 processors for better real-world results than AMD can deliver. Fewer servers mean fewer software licenses. Built-in acceleration reduces AI adoption costs by enabling CPUs to run these workloads.

It's the proven processor for what's next.¹

1

Save on costs

AMD boasts more cores, but more cores demand power, space, and resources. Consolidate your servers with Intel Xeon 6 processors, and free up budget for AI investments.

Up to

50%

lower TCO vs AMD²

2

Reduce energy use

Rising energy demands strain data center budgets. Intel Xeon 6 processors run leaner than legacy hardware for greater performance per square foot.

Up to

80%

less power vs 2nd gen³

3

Unlock opportunities

Intel's broad software compatibility and open-source leadership help you reduce integration costs and protect your software investments for lower TCO. Get ahead with Intel's vast and growing ecosystem.

1,000s

of ISVs

4

Enhance security at the hardware layer

Data breaches hurt business. Intel Xeon 6 processors are #1 in product security assurance practices.⁴

75%

fewer firmware vulnerabilities than AMD⁵

5

Create a scalable path for AI growth

Scaling AI can be spendy. Get more from your investment—Intel Xeon 6 processors outperform AMD for AI workloads and use fewer cores.⁶

Up to

50%

higher AI performance vs AMD⁶

AMD says more cores. We say lower TCO.

Intel Xeon 6 is the trusted processor that beats AMD on TCO.

Refresh your data center for immediate cost savings.

[Learn more](#)

¹ See Intel® Xeon® 6 processor section at www.intel.com/performanceindex for details.

² See [7T221] at www.intel.com/processorclaims: Intel Xeon 6. Results may vary.

³ See [7T21] at www.intel.com/processorclaims: Intel Xeon 6. Results may vary.

⁴ As measured by ABI Research. See www.intel.com/content/www/us/en/security/security-as-a-component-of-tech.html.

⁵ See www.intel.com/content/www/us/en/content-details/846149/2024-intel-product-security-report referencing firmware vulnerabilities in hardware root-of-trust.

⁶ See [7A220] at www.intel.com/processorclaims: Intel Xeon 6. Results may vary.

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 backup for configuration details.

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

No product or component can be absolutely secure.

Your costs and results may vary.

© Intel Corporation. Intel, the Intel logo, Xeon, and other Intel marks are trademarks of Intel Corporation or its subsidiaries. Other names and brands may be claimed as the property of others.