



# Drive Revenue Growth and Improve Customer Experience with Faster, More Effective AI

Leadership performance with the world's best CPU for AI

5th Generation Intel® Xeon® Scalable Processors with Intel® Advanced Matrix Extensions (Intel® AMX) Outperform AMD EPYC<sup>1</sup>



## Solve Common Problems

**Better** inform business decisions to drive revenue growth

**Reduce** repetitive tasks, costs, and time for your business

**Improve** customer retention and acquisition

**Faster** analysis for large amounts of data

**Enable more** responsive smart assistants and chatbots

**Improve** text prediction speed and accuracy

## Do More for Your Customers and Business<sup>1</sup>

5th Gen Intel Xeon delivers up to

**2.2X** Higher BERT Large Performance than 4th Gen AMD EPYC

BERT Large is a widely used machine learning model for natural language processing (NLP) and language based AI applications

**LOWER COSTS**

Save up to

**883,000** USD

## Reduce Total Cost of Ownership (TCO) Across Your Server Fleet for AI

Up to

**41%**

Lower TCO than 4th Gen AMD EPYC while running a BERT Large workload

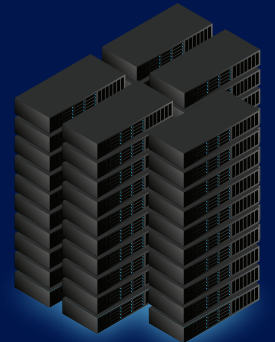
**FEWER SERVERS TO MANAGE**

**23**

servers with 5th Gen Intel Xeon Scalable processors



Compared to



**50** servers with 4th Gen AMD EPYC processors

## Lower the Carbon Footprint of Your Data Center for AI<sup>1</sup>

Save up to

1,205.2<sup>MWh</sup>

over 4 years

REDUCE POWER  
DEMAND

MORE  
SUSTAINABLE

data center operations

Eliminate up to

510,912<sup>kg CO<sub>2</sub></sup>

emissions over 4 years

## Want More Information?

5th Gen Intel® Xeon® Scalable processors are designed for AI with Intel® AMX. This leading AI acceleration engine is built into each processor core to help you do more for your business.

Find out more about 5th Gen Intel Xeon Scalable processors at: [www.intel.com/5thgenxeon](http://www.intel.com/5thgenxeon)

Learn more about Intel® Accelerator Engines at: [intel.com/acceleratorengines](http://intel.com/acceleratorengines)

<sup>1</sup> Intel Xeon Platinum 8592+ vs. AMD EPYC 9554. As measured by performance on BERT-LARGE. See (T205) at [intel.com/processorclaims](http://intel.com/processorclaims): 5th Gen Intel Xeon Scalable processors. Results may vary. Performance varies by use, configuration, and other factors. Learn more at [www.Intel.com/PerformanceIndex](http://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. No product or component can be absolutely secure. Your costs and results may vary. Intel does not control or audit third-party data. You should consult other sources to evaluate accuracy.

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

© Intel Corporation. Intel, the Intel logo, and other Intel marks are trademarks of Intel Corporation or its subsidiaries. Other names and brands may be claimed as the property of others.  
1223/KO/HBD/PDF

intel  
xeon®