Intel<sup>®</sup> Core<sup>™</sup> Processors (Series 2)

# Deliver powerful, flexible edge innovations, faster

tailored performance, high-performing graphics capabilities, flexible LGA designs, and long-life

Intel® Core™ 200S series processors feature options with up to 24 cores, and P-core turbo frequency of up to 5.6 GHz. Help build what you need for compute-intensive AI, data processing, multitasking, and more - all optimized for performance at the edge.

Get more choices for tailored performance at the edge.



# Unlock performance for AI at the edge with Intel® Core™ processors

# Tailor Performance for Versatile

### Edge Computing Demands Intel® Core™ 200S series processors offer a range of performance options for AI and diverse

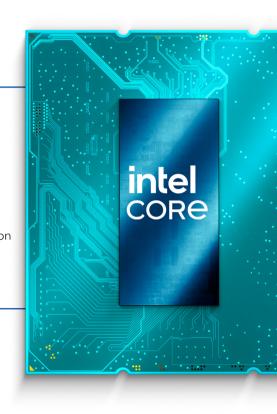
workloads at the edge, with up to 8 P-cores and 16 E-cores. Handle compute-heavy workloads with a P-core frequency of up to 5.6GHz, up to 200 MHz faster than the previous generation. Innovate for diverse use cases with up to 48 PCIe lanes for more accelerators, peripherals, and sensors.



Media Experiences

Enable Rich Graphics and

Integrated Intel® Graphics supports a range of visually engaging experiences, from smooth video wall synchronization to detailed user interfaces, enabled by Intel X<sup>e</sup> architecture. Pipelock, Genlock, 8K HDR support, and more.



## expedite product development and time-to-market with LGA-compatible designs while facilitating faster, easier

Intel® Core™ 200S series processors are built to help

Accelerate Time to Market

and Extend Longevity

upgrades with backwards compatibility for 12th, 13th, and 14th Gen Intel® Core™ processors. Extend support and reliability with up to 10 years of availability<sup>4</sup> and Windows 10 IoT Enterprise LTSC 2021 & Windows 11 IoT Enterprise LTSC 2024.



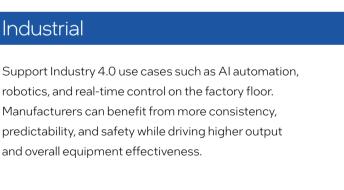
Deliver powerful, flexible edge innovations, faster

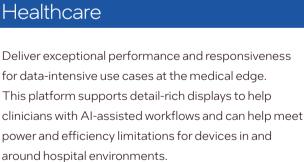
## generation and analysis. Drop in compatibility with previous generations help reduce product development time and cost.

Retail, banking, education, hospitality

Easily deploy numerous edge devices with a top-to-bottom SKU stack, and powerful compute headroom to support data

Industrial





Cities, Government and critical infrastructure



Process and store more data for more video streams compared to prior gen, in smart city use cases while delivering integrated graphics to support edge

inference in hard-to-reach places.

intel CORE inte



intel.com/content/www/us/en/products/details/ processors/core/edge

**Notices and disclaimers** ¹Intel® Hyper-Threading Technology, Intel® Turbo Boost Max Technology 3.0, and Intel® Thermal Velocity Boost are only

## $^3$ Intel does not commit or quarantee product availability or software support by way of road map quidance. Intel reserves the right

Contact your Intel account rep for additional information.

5 Available on select SKUs.

<sup>2</sup>Socket compatible with 12th, 13th, and 14th Gen Intel® Core™ processors for edge.

optimized for performance only on Intel microprocessors. For more information go to http://www.intel.com/benchmarl

component can be absolutely secure.

names and brands may be claimed as the property of others.

Availability of accelerators varies depending on SKU. Visit the Intel® Product Specifications page for additional product details.  $Performance\ varies\ by\ use, configuration, and\ other\ factors.\ Learn\ more\ at\ intel.com/Performance\ Index.\ Performance\ results$ 

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