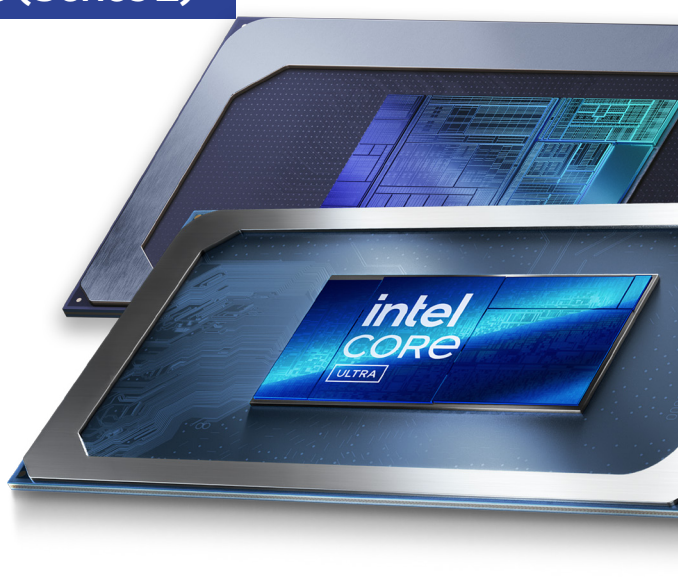


Intel® Core™ Ultra processors (Series 2)

Enable growth at the edge with built-in AI accelerators

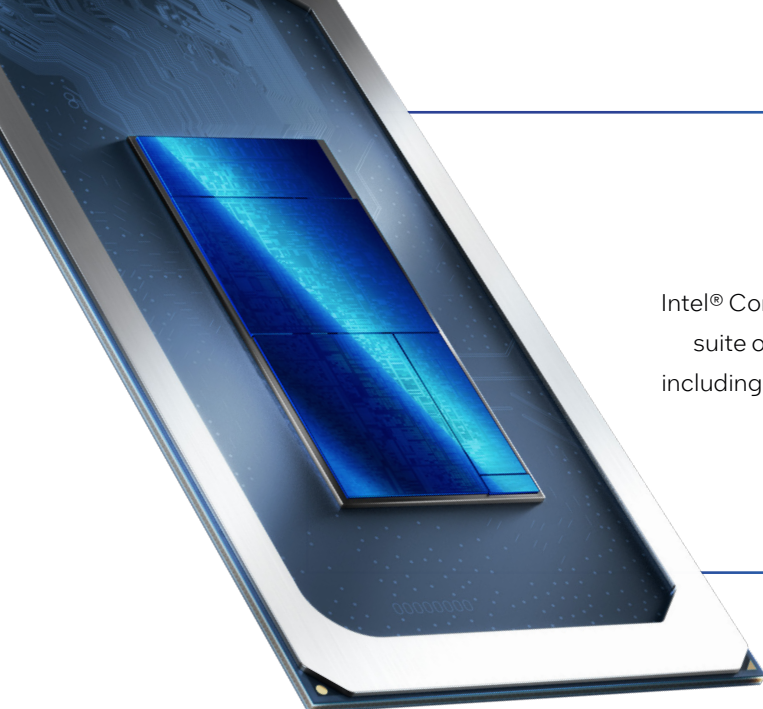


Intel® Core™ Ultra processors scale performance and take AI acceleration to a new level. Supercharge edge computing in the era of AI. Accelerate real-time data processing and minimize latency with new CPU cores, a built-in, next-generation Intel® Arc™ GPU² and a neural processing unit (NPU)—all in a BGA package.

Deliver advanced AI performance at the edge with a comprehensive suite of integrated compute engines tailored for AI. These advanced processors feature up to 16 CPU cores, a neural processing unit (NPU), and a built-in Intel® Arc™ GPU¹. Offering up to 99 total platform TOPS² to support diverse inferencing workloads, including generative AI. Experience improved performance compared to the previous generation³, giving you more effective solutions to respond to the evolving demands of AI workloads.

1. Intel® Arc™ GPU only available on H SKU of Intel® Core™ Ultra processors.
2. Select H SKUs of Intel Core Ultra processors (Series 2) can achieve up to 99 total platform TOPS. Results may vary.
3. See at [intel.com/processorclaims](https://www.intel.com/processorclaims): Intel Core Ultra processors (Series 2). Results may vary.

Deploy AI, rich media, and graphics capabilities in a BGA package



Adapt AI performance to evolving needs

Intel® Core™ Ultra processors boast a comprehensive suite of integrated compute engines tailored for AI, including the CPU, GPU, and NPU, delivering up to 99 total platform TOPS¹.

1. Select H SKUs of Intel Core Ultra processors (Series 2) can achieve up to 99 total platform TOPS. Results may vary.

Leverage a platform optimized for edge

Enhance your edge device designs with greater flexibility and efficiency by leveraging a 12–65W TDP range. Comprehensive long-term software support, including Windows 11 IoT Enterprise LTSC and long-term support (LTS) Linux kernels, helps maximize deployment value and extend device longevity.



Intel® Core™ Ultra 200H series processors

Up to
3.4x
faster in video analytics end-to-end workload Media+AI Inference performance¹

Up to
8.2x
better performance per watt per dollar¹

Up to
5.8x
faster in media performance¹



Enable growth at the edge with built-in AI accelerators

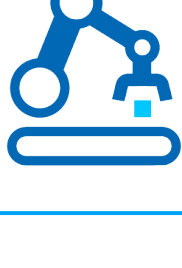
Smart Cities

Deliver more performance for AI-driven smart city use cases. Support up to 180 H264 1080p15 video streams per device can help enable cost-effectiveness, manageability, and scalability in settings that need extensive video monitoring capabilities. Low power in a BGA package can also make it easier to deploy systems in hard-to-reach places.



Industrial

Enhance productivity and safety on shop floors and support advanced Industry 4.0 use cases—including AI vision deployments—while helping to consolidate workloads on easy-to-manage systems in hard-to-reach places.



Healthcare and life sciences

Enable the latest AI-driven use cases in clinical data analytics and decision support to help enhance practitioner productivity and offset staffing shortages. Lab diagnostic systems may benefit from deploying AI workloads on companion compute devices with integrated Intel® Arc™ graphics and a built-in neural processing unit (NPU).

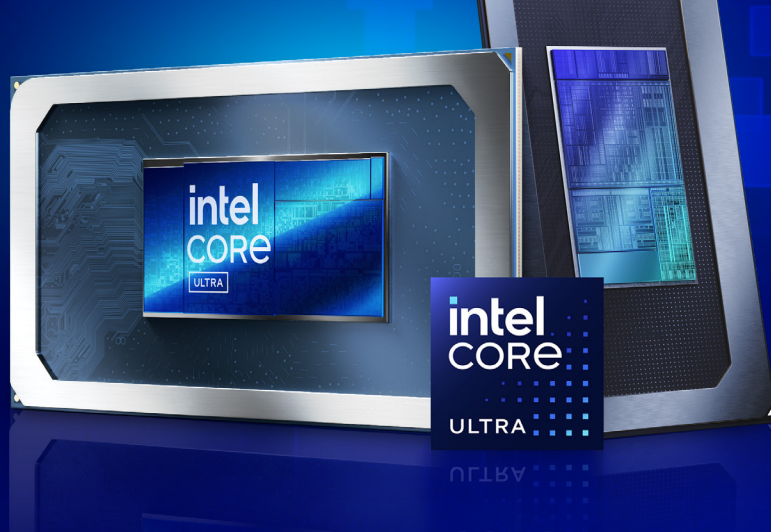


Retail, education and hospitality

Enable new ways to reach and engage customers, students, and other audiences. Transform retail, office, and educational spaces with multi-display interactive experiences and generative AI use cases that can increase productivity and drive results.



Intel® Core™ Ultra 200H series processors



Intel® Core™ Ultra 200U series processors

Unlock AI, rich media, and graphics capabilities in a BGA package
Learn more about the Intel® Core™ Ultra processors (Series 2) at [intel.com/coreultra](https://www.intel.com/coreultra)

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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.

Intel® processors of the same SKU may vary in frequency or power because of natural variability in the production process.

All product plans and road maps are subject to change without notice.

Not all features are available on all SKUs.

Not all features are supported in every operating system.

Intel may change the availability of products and support at any time without notice. All product plans are subject to change without notice.

Your costs and results may vary.

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