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## Intel Accelerates 'AI Everywhere' at Computex 2024

Intel supports vigorous AI adoption across the enterprise with solutions spanning the data center, cloud and network to the client and edge.

### Press Kit

June 4, 2024

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At Computex 2024, Intel CEO Pat Gelsinger unveiled the latest technologies marrying cutting-edge performance and power efficiency – across data centers, acceleration and the AI PC experience – with the goal of making AI cost-efficient and accessible for all. Intel is committed to empowering open ecosystems and accelerating AI opportunities for customers and partners. With more processing power, leading-edge power efficiency and low total cost of ownership, Intel continues to lead the industry into a sustainable and scalable future.

During the June 4-7 event in Taipei, Taiwan, Gelsinger presented a keynote at which he launched Intel® Xeon® 6 processors with Efficient-cores (E-cores), announced pricing for Intel® Gaudi® 2 and Intel® Gaudi® 3 AI accelerator kits, and unveiled the breakthrough Lunar Lake client processor architecture, a revolutionary design that further expands the AI PC category.

## News

- [News Release: Computex: Intel Accelerates AI Everywhere, Redefines Power, Performance and Affordability](#)

• **Intel Event Keynote:** [Computex 2024 Keynote: Intel Enables AI Everywhere](#)  
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• **Fact Sheet:** [Networking Connectivity: Helping to Bring AI Everywhere](#)

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At Computex Taiwan, Intel CEO Pat Gelsinger discusses the vast opportunities ahead and the Intel innovation At Computex that's bringing AI everywhere. During the event in June 2024, Intel unveiled cutting-edge technologies and architectures poised to accelerate the artificial intelligence ecosystem. (Credit: Intel Corporation)

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Intel Xeon pro  
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## Lunar Lake

Intel revealed architecture details for its upcoming Lunar Lake client computing processor, which was redesigned to set a new bar for x86 power efficiency and to deliver leading core and graphics performance with unmatched AI.

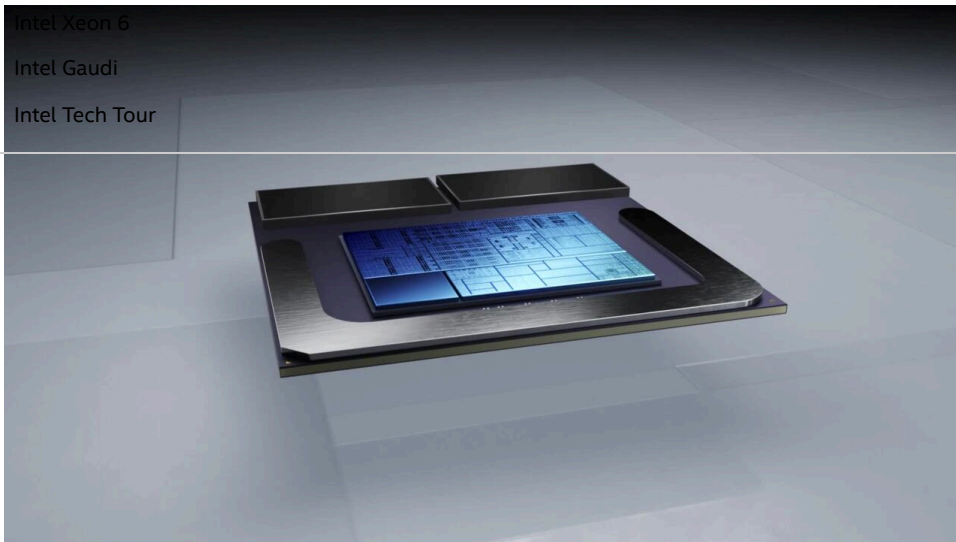
New Performance-cores (P-cores) and Efficient-cores (E-cores) deliver amazing performance at up to 40% lower system-on-chip power compared to the previous generation<sup>1</sup>. A new neural processing unit is up to 4x faster, enabling corresponding improvements in generative AI, versus the previous generation. And new Xe<sup>2</sup> graphics processing unit cores improve gaming and graphics performance by 1.5x over the previous generation.

Lunar Lake will power more than 80 new AI PC designs from more than 20 partners beginning in 2024's third quarter.

• **Fact Sheet: Intel Unveils Lunar Lake Architecture**  
News

Intel Keynote Images

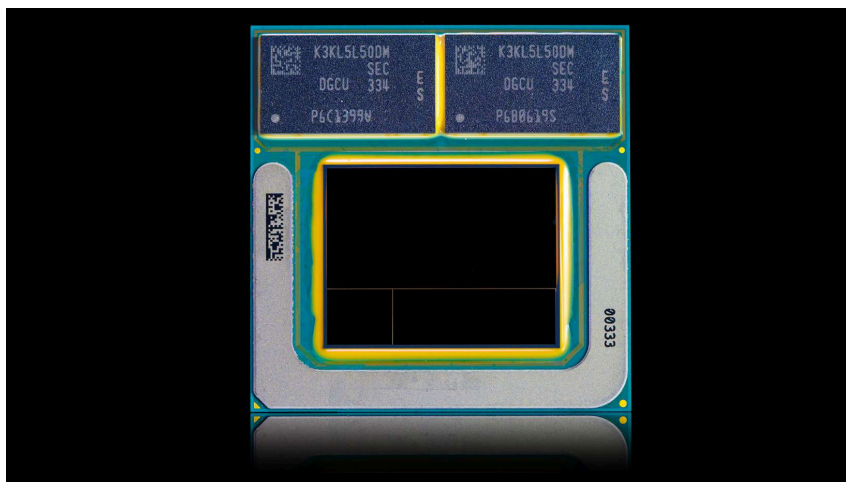
Lunar Lake



**Lunar Lake Architecture: An Animation**

Animated video shows the layers of technologies that make up Lunar Lake. On June 4, 2024, at Computex in Taipei, Taiwan, Intel unveiled architecture details about Lunar Lake. The processor designed for thin-and-light PCs makes significant improvements to performance and efficiency across the neural processing unit, central processing unit and graphics processing unit when compared with the previous generation. (Credit: Intel Corporation)

Lunar Lake Images



On June 4, 2024, at Computex, Intel revealed new details regarding the next generation of the new mobile processor, code-named Lunar Lake. Lunar Lake brings a new ground-up redesign that delivers greater power and efficiency, and leading AI compute. It will power the next generation of AI PCs with unprecedented x86 power efficiency and no-compromise application compatibility. (Credit: Intel Corporation)

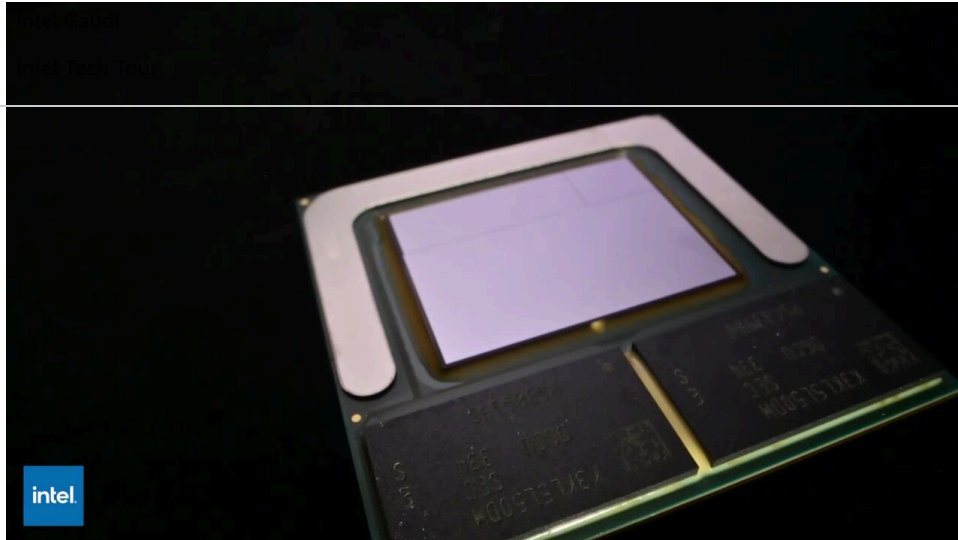
An illustration revealed new Lunar Lake brings AI compute. (Credit: Intel Corporation)

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### **Lunar Lake Delivers a New Architecture for the AI PC**

At Computex 2024, Intel revealed the architectural details of Lunar Lake – the flagship processor for the next generation of AI PCs. Lunar Lake offers a leap in graphics and AI processing power and a focus on power-efficient compute performance for the thin-and-light segment. (Credit: Intel Corporation)

### **Intel Xeon 6**

Intel launched the Intel® Xeon® 6 family of processors, including both E-core and P-core options, to address a broad array of use cases and workloads, from AI and other high-performance compute needs to scalable cloud-native applications.

The first of the family debuting at Computex 2024 is the Intel® Xeon® 6 processor with Efficient-cores, code-named Sierra Forest. With its high core density and exceptional performance per watt, it enables rack-level consolidation of 3-to-1, and a rack-level performance gain of up to 4.2x and performance per watt gain of up to 2.6x when compared with 2nd Gen Intel® Xeon® processors on media transcode workloads.

Intel Xeon 6 processors with P-cores are expected to launch in 2024's third quarter and will deliver greater performance for the most demanding workloads, including AI, high-performance computing, image processing and data analytics.

- **Fact Sheet:** [Intel Xeon 6 Processors](#)