

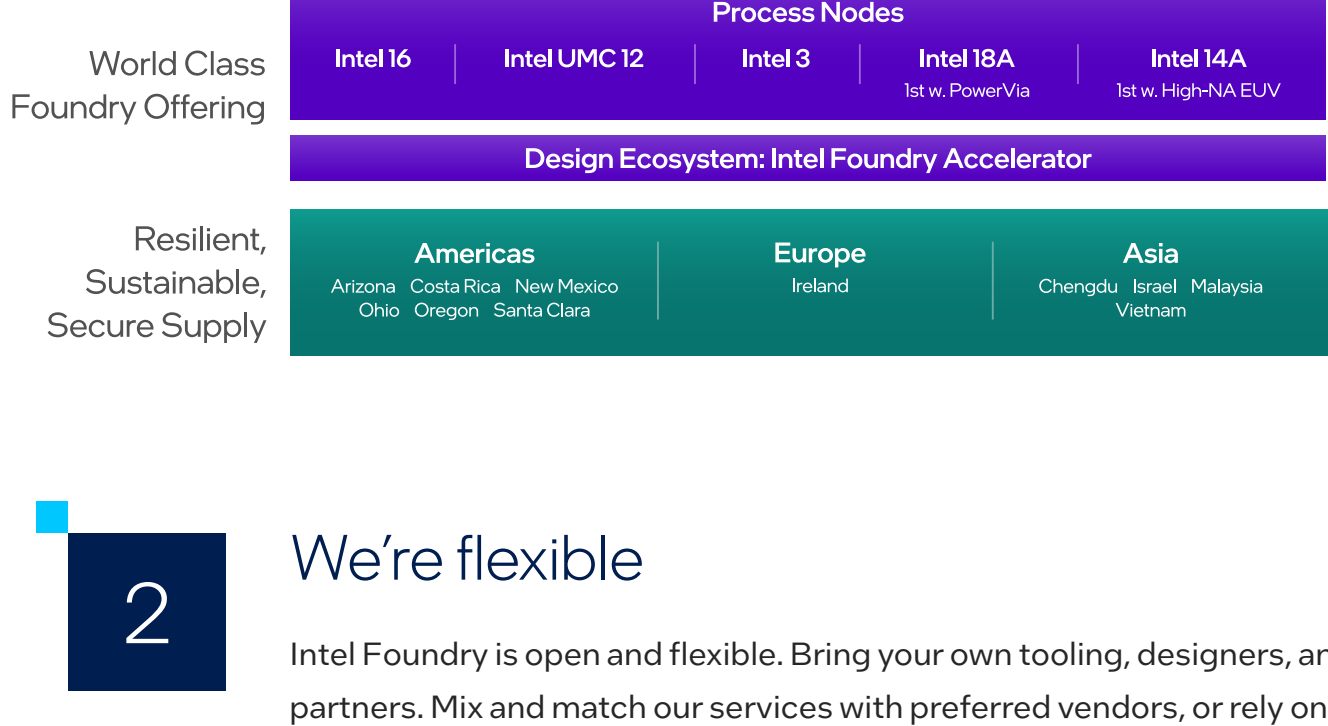
Ten Reasons to Work with Intel Foundry

Semiconductor manufacturers need to optimize beyond traditional foundry models. Intel Foundry combines world-class process nodes, industry-leading packaging technologies, and a rich portfolio of semiconductor and systems IP. Here are a few reasons to work with Intel Foundry.

1

A systems foundry approach

Now you can work with one semiconductor provider that meets the full breadth of your needs. Intel Foundry is the world's first "systems foundry" — a full-stack approach that integrates chip and systems IP, process nodes, and advanced packaging and test, plus Systems Acceleration Services for architecture and design to help bring it all together. We can take you from initial specifications to finished devices and deliver it all at global scale.



2

We're flexible

Intel Foundry is open and flexible. Bring your own tooling, designers, and EDA partners. Mix and match our services with preferred vendors, or rely on us for your entire project. Work with us at any point in your process: design with us, fab with us, or send us dies to package and test.

40+ ecosystem partners



3

Design with any architecture or IP your business needs

Our fabs are ready to produce ARM, RISC-V, x86, and custom ASICs. We also partner with leading industry design firms to better support your existing processes and capabilities.

4

Equipped and optimized for the AI era

Our tooling, process nodes, and packaging technologies are optimized for the industrial production of complex system-on-chip designs, including those designed to run AI workloads across the performance spectrum.

5

Build on leading process technologies

Intel 18A process technology is ready for design and scheduled for volume production in 2025. Intel 18A introduces major process advances that expand performance beyond traditional node scaling.

Intel 18A advances



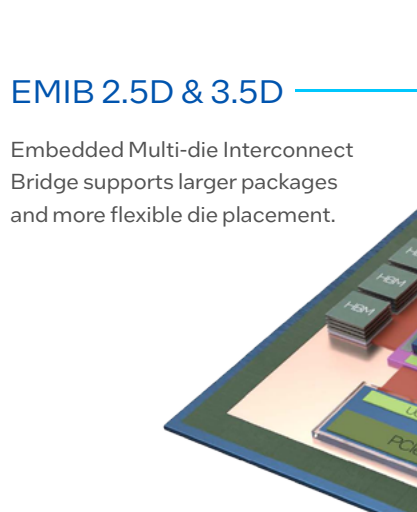
3D RibbonFET gate-all-around (GAA) transistors

New transistor architecture delivers faster switching speeds, improved performance per watt, enhanced electrostatic control, and greater efficiency compared to traditional FinFET designs.



PowerVia backside power

Moves power delivery to the backside of the die, reducing interconnect congestion, lowering IR drop, and improving power efficiency, enabling higher performance in advanced chips.



Omni MIM

Intel's differentiated high-density metal-insulator-metal capacitors, called Omni MIM, enable ultra-high-density on-die decoupling capacitance, significantly reducing inductive power droop and enhancing power stability — crucial for modern workloads like AI.

6

Advanced chiplet packaging

Intel Foundry is a leading producer of 2.5D packages with more than 100 2.5D products in volume production. Our advanced, 3D packaging techniques deliver complex systems of chips that increase density and performance for AI accelerators.

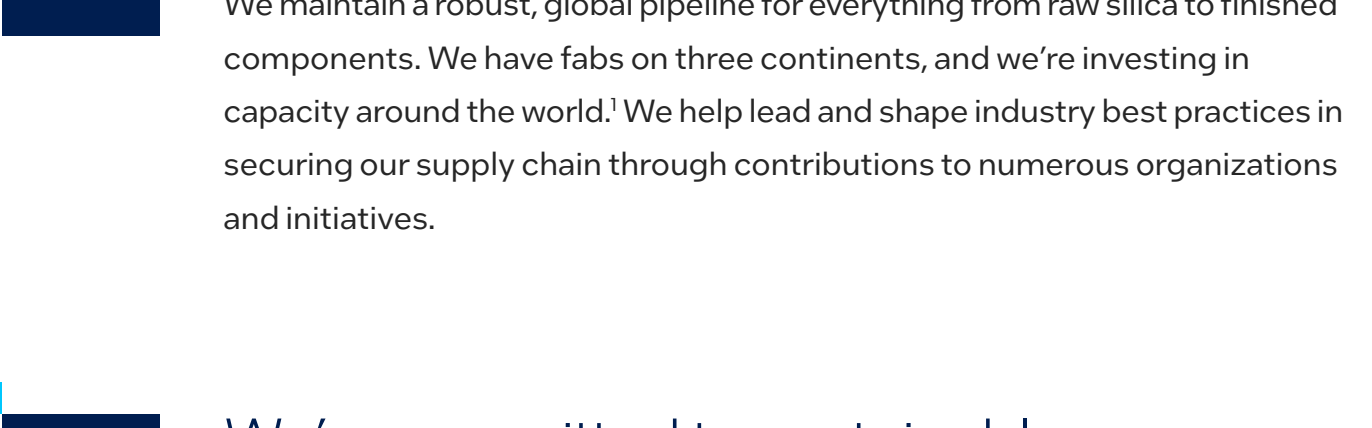


7

Rigorous testing, high yields

Advanced, multi-stage testing eliminates faulty dies early in the process, ensuring only known good dies advance to packaging and testing.

Test process



8

Resilient, secure supply chain

We maintain a robust, global pipeline for everything from raw silica to finished components. We have fabs on three continents, and we're investing in capacity around the world.¹ We help lead and shape industry best practices in securing our supply chain through contributions to numerous organizations and initiatives.

9

We're committed to sustainable semiconductor manufacturing

We're committed and on track to reducing our environmental, energy, and waste footprints.



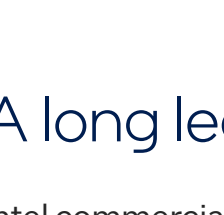
98% global renewable electricity

Intel reached 98% global renewable electricity across global operations in 2024.²



66% of our manufacturing waste is reused, recovered, or recycled³

Intel upcycled approximately 87,100 tons of manufacturing waste in 2024.



Net positive water in the United States, India, Mexico, and Costa Rica

In 2024, Intel helped conserve approximately 10.5 billion gallons of water and enabled restoration of 2.9 billion gallons.⁴



70% lower greenhouse gas emissions⁵

Our greenhouse gas emissions peaked in 2006 and have dropped 70% since.

10

A long legacy of innovation

Intel commercialized the semiconductor 50 years ago, and we haven't stopped innovating and scaling since. Now we're sharing all of our expertise and advancing Moore's Law for the entire industry.

Intel Foundry: AI Inspired. Systems Accelerated

Intel Foundry is an independent, full-service semiconductor manufacturer headquartered in the United States. We offer design, foundry, packaging, assembly, and test through a global network of fabs and assembly and test sites.

Let's talk

Intel Foundry is open to fabless semiconductor designers, government agencies, research labs, and academic programs. We appreciate any opportunity to discuss your manufacturing, assembly, and test needs.

intel.com/foundry

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Intel Foundry

Sources:
1. Subject to market conditions and incentives. Scale of some investments contingent on U.S. and EU support. These statements are based on current expectations and involve many risks and uncertainties that could cause actual results to differ materially from those expressed or implied in such statements. For more information on the factors that could cause actual results to differ materially, see our most recent earnings release and SEC filings at www.intel.com.
2. Intel's 2024-25 Corporate Responsibility Report (CSR). Details regarding Intel's energy conservation commitments and progress can be found beginning on page 37.
3. Intel's 2024-25 Corporate Responsibility Report (CSR). Details regarding Intel's waste and circular economy commitments and progress can be found beginning on page 39.
4. Intel's 2024-25 Corporate Responsibility Report (CSR). Details regarding Intel's water stewardship commitments and progress can be found beginning on page 38.
5. Intel's 2024-25 Corporate Responsibility Report (CSR). Details regarding Intel's greenhouse gas emissions commitments and progress can be found beginning on page 36.

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Your costs and results may vary.

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