

Intel - Company Profile

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Intel Company Profile Intel Corporation is a global leader in semiconductor innovation, designing and manufacturing essential technologies that power the modern world. From the personal computer to advanced data centers and emerging AI applications, Intel's processors and solutions are foundational to computing, connectivity, and artificial intelligence. The company is actively expanding its capabilities in discrete graphics and its Intel Foundry Services, aiming to become a major provider of chip manufacturing for external clients.

1. Basic Information - **Founded Year:** 1968 (July 18) -
Founders: Robert Noyce, Gordon Moore - **Current CEO:** Patrick Gelsinger - **Headquarters:** Santa Clara, California, USA - **Number of Employees:** Approximately 124,800 (as of early 2024) -
Website: intel.com - **Contact:** support@intel.com | +1-408-765-8080

2. Company Overview
Intel's core business involves the design and manufacture of microprocessors and other critical semiconductor devices for a wide range of markets, including PCs, servers, data centers, embedded systems, and AI. Its mission is "To create world-changing technology that enriches the lives of every person on Earth." Key historical milestones include launching the world's first single-chip microprocessor, the Intel 4004, in 1971, and powering the personal computer revolution with its x86 architecture. In 2021, CEO Patrick Gelsinger returned to lead the company's "IDM 2.0" strategy, focusing on manufacturing leadership and the expansion of its Intel Foundry Services.

3. Key Products and Services - **Intel Core™ Processors:** High-performance processors for consumer laptops and desktops. - **Intel Xeon® Processors:** Scalable processors for servers, workstations, and data centers. - **Intel Arc™ Graphics:** Discrete graphics processing units (GPUs) for gaming and content creation. - **Intel Gaudi® Accelerators:** AI-specific processors for deep learning training and inference. - **Intel Agilex™ FPGAs:** Field Programmable Gate Arrays for custom hardware acceleration.

- **Intel Foundry Services (IFS):** Advanced semiconductor manufacturing for external customers.

4. Leadership Team - **CEO:** Patrick Gelsinger - **CFO:** David Zinsner - **CTO:** Greg Lavender - **Independent Chairman of the Board:** Frank D. Yeary

5. Market Position
Intel maintains a significant global market presence, with its market capitalization often fluctuating between \$130-\$180 billion (as of mid-2024). It remains a leading player in the CPU market for PCs and servers, though it faces strong competition from companies like AMD (CPUs, GPUs), NVIDIA (GPUs, AI accelerators), Qualcomm (mobile, automotive), and TSMC (foundry services). Intel operates globally, with design, manufacturing, and research facilities across the Americas, Europe, and Asia.

6. Recent Achievements (2023-2025) - **Product Launches:** Introduced Intel Core Ultra processors (Meteor Lake) in late 2023, featuring the first client SoC with an integrated neural processing unit (NPU) for AI acceleration. Launched the Gaudi 3 AI accelerator in April 2024, designed for high-performance AI training and inference.

- **Foundry Expansion:** Secured Microsoft as a major Intel Foundry Services customer in early 2024, committing to utilize Intel's advanced 18A process technology. Intel also received significant funding under the U.S. CHIPS and Science Act to support its domestic manufacturing expansion.

- **Strategic Initiatives:** Continued robust investment in its IDM 2.0 strategy, including multi-billion dollar plans for new fabs in Ohio, USA, and Magdeburg, Germany, to bolster its manufacturing capabilities.