Nvidia - Company Profile

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Nvidia Company Profile Nvidia Corporation is a global technology company that designs graphics processing units (GPUs) for the gaming, professional visualization, data center, and automotive markets. It is a pioneer in accelerated computing, driving advancements in artificial intelligence (AI), high-performance computing, and simulation. ### 1. Basic Information * **Founded Year:** April 5, 1993 * **Founders:** Jensen Huang, Chris Malachowsky, Curtis Priem * **Current CEO:** Jensen Huang * **Headquarters Location:** Santa Clara, California, USA * **Number of Employees:** Approximately 29,600 (as of January 2024) * **Website:** nvidia.com * **Contact:** support@nvidia.com | +1-408-486-2000 ### 2. Company Overview Nvidia specializes in designing and manufacturing GPUs, system-on-a-chip (SoC) units, and related software. The company's core business revolves around its powerful GPU platforms, which are critical for demanding applications like gaming, professional rendering, and especially the training and inference of large AI models. Nvidia's mission is broadly focused on accelerating computing to solve the world's most challenging problems, positioning itself as the leading AI computing company. Brief history highlights include the invention of the Graphics Processing Unit (GPU) in 1999 with the GeForce 256, the introduction of the CUDA parallel computing platform in 2006 which unlocked general-purpose GPU computing, and its subsequent pivot to become a dominant force in the AI and data center markets from the mid-2010s onwards. ### 3. Key Products and Services * **GeForce RTX GPUs:** Flagship graphics cards for PC gaming, known for real-time ray tracing and AI-powered DLSS. * **NVIDIA H100/H200 Tensor Core GPUs:** High-performance GPUs specifically designed for AI training and inference in data centers. * **Blackwell Platform:** Nvidia's next-generation architecture (e.g., B200 Tensor Core GPU, GB200 Grace Blackwell Superchip) for advanced AI workloads. * **NVIDIA DRIVE Platform:** Comprehensive AI solutions for autonomous vehicles and intelligent cockpits. * **NVIDIA RTX (Professional Visualization):** GPUs and software for creative and technical professionals in industries like design, media, and scientific research. * **CUDA:** A parallel computing platform and programming model that enables developers to leverage Nvidia GPUs for general-purpose computing. * **NVIDIA Omniverse:** A platform for 3D design collaboration, simulation, and building industrial metaverse applications. ### 4. Leadership Team * **CEO:** Jensen Huang * **CFO (Chief Financial Officer):** Colette Kress * **CTO (Chief Technology Officer):** Bill Dally * **Chairman of the Board:** Jensen Huang ### 5. Market Position Nvidia holds a dominant market position in several key segments. The company's market capitalization frequently exceeds $2 trillion (as of early 2024), reflecting its critical role in the technology landscape. It maintains a commanding market share in discrete GPUs for gaming and professional visualization, and a near-monopoly (over 80%) in the market for AI data center GPUs used for deep learning model training. **Main Competitors:** AMD (GPUs, CPUs), Intel (CPUs, integrated graphics, AI accelerators), Broadcom (networking, custom chips), and cloud providers developing custom AI silicon (e.g., Google's TPUs). Nvidia operates globally, with a significant presence across North America, Europe, and the Asia-Pacific region, including major markets like China, Taiwan, South Korea, and Japan. ### 6. Recent Achievements (2023-2025) * **Blackwell Platform Launch (March 2024):** Unveiled its next-generation Blackwell GPU architecture, including the B200 and GB200 Superchip, designed to power the next wave of generative AI. * **GeForce RTX 40 SUPER Series (January 2024):** Launched new high-performance GPUs (RTX 4080 SUPER, 4070 Ti SUPER, 4070 SUPER) for gamers and creators. * **H200 Tensor Core GPU Announcement (October 2023):** Introduced an enhanced version of the H100 GPU, featuring HBM3e memory for even faster generative AI and HPC workloads. * **Strategic AI Partnerships:** Expanded collaborations with major cloud service providers (e.g., Microsoft Azure, Google Cloud, Oracle Cloud Infrastructure) and enterprise

software companies to integrate its AI platforms and accelerate adoption. * **"Company of the Year" (Time Magazine, 2023):** Recognized by Time Magazine as the "Company of the Year" for its pivotal role in the AI revolution.