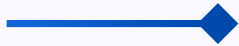




Photon Insights



Report on

NVIDIA

Aug 01, 2024

Company Analysis

This report by Photon Insights provides a detailed analysis of the company sourced from a plethora of web and custom datasources. It covers essential aspects of the organization to inform stakeholders and support strategic decision-making.



Web link: <https://app.photoninsights.com/diligence-suite>

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RECENT INFORMATION

NVIDIA Unveils Blackwell Platform for Advanced AI Computing

- Announced the NVIDIA Blackwell platform, enabling real-time generative AI on trillion-parameter large language models with up to 25x less cost and energy consumption. ^[5]
- The Blackwell GPU architecture features six transformative technologies, including the world's most powerful chip and second-generation transformer engine. ^[5]
- Major cloud providers, server makers, and leading AI companies have widely adopted the platform. ^{[5][6]}

Significant Announcements at GTC 2024

- Introduced the Blackwell-Powered DGX SuperPOD for generative AI supercomputing. ^[6]
- Launched new switches optimized for trillion-parameter GPU computing and AI infrastructure. ^[6]
- Extended collaboration with AWS to advance generative AI innovation and announced major integrations with Microsoft to accelerate generative AI for enterprises. ^[6]
- Unveiled various microservices and platforms for developers, including Generative AI Microservices and Omniverse Cloud APIs. ^[6]

Advancements in Autonomous Vehicles and Robotics

- Partnered with Zoox to pave the way for autonomous ride-hailing. ^[3]
- Accelerating humanoid development on a global scale by providing technology to leading robot manufacturers and AI model developers. ^[2]
- Introduced a general-purpose foundation model for humanoid robot learning. ^[9]

Financial Performance and Market Position

- Showed significant performance growth with trailing total returns of +136.68% year-to-date and +150.87% over the past year, outpacing the S&P 500. ^[4]
- As of August 1, 2024, the company's 3-year return stands at +502.12%. ^[4]
- CEO Jensen Huang recognized as one of the most influential people of 2024. ^[7]

Innovations in AI and Graphics

- Researchers harnessed real-time generative AI to build immersive 3D environments. ^[3]
- Announced a major Omniverse upgrade with generative AI and OpenUSD. ^[10]
- Released NVIDIA OVX servers for accelerating generative AI and industrial digitalization. ^[10]
- Launched powerful new NVIDIA RTX workstations for development and content creation. ^[10]

RECENT HEADLINES

Widescreen Wonder: Las Vegas Sphere Delivers Dazzling Displays



NVIDIA's technology powers the stunning visuals at the Las Vegas Sphere, a new entertainment medium. Around 150 NVIDIA RTX A6000 GPUs help deliver 16x16K displays across the interior and 1.2 million programmable LED pucks on the exterior. NVIDIA BlueField DPUs and ConnectX-6 Dx NICs ensure robust network connectivity, while NVIDIA DOCA Firefly Service and Rivermax software enable synchronized and accelerated media streaming. This technology combination supports the unique high-resolution video streams and strict timing requirements needed at Sphere. NVIDIA's innovation helps redefine what is possible with cutting-edge display technology.

Jul 09, 2024 | NVIDIA Blog

How Nvidia became an AI giant



NVIDIA is a computing platform company that has become a leader in the artificial intelligence (AI) industry. The company's invention of the graphics processor unit (GPU) in 1999 helped spark the growth of the PC gaming market and redefined computer graphics. NVIDIA's specialized chips are now key components in powering different forms of AI, including generative AI chatbots. The company's dominance as a chipmaker has cemented its place as the poster child of the AI boom. NVIDIA's revenue is expected to reach \$119.9 billion in the fiscal year ending January 2025.

Jun 20, 2024 | The Associated Press

NVIDIA Robotics Adopted by Industry Leaders for Development of Tens of Millions of AI-Powered Autonomous Machines



NVIDIA's Isaac robotics platform is being adopted by industry leaders for the development of AI-powered autonomous machines and robots. Companies such as BYD Electronics, Siemens, Teradyne Robotics, and Intrinsic are integrating NVIDIA Isaac accelerated libraries, physically based simulation, and AI models into their software frameworks. The platform features a suite of NVIDIA-accelerated libraries, AI foundation models, and simulation technologies. NVIDIA Isaac's early adopters are leaders in robotics and autonomous machine development across Asia, Europe, and North America. The platform is modular, enabling companies to adopt individual or several technologies together.

Jun 02, 2024 | NVIDIA Blog

'Accelerate Everything,' NVIDIA CEO Says Ahead of COMPUTEX



NVIDIA is driving innovation in AI, accelerated computing, and sustainable computing. CEO Jensen Huang emphasized the company's one-year rhythm for releasing new semiconductors, including the Rubin platform. NVIDIA is also transforming industries with its technology, including the creation of AI factories, next-generation networking with Spectrum-X, and AI accessibility with GeForce RTX AI PCs. The company is spearheading the \$50 trillion industrial digitization shift with its robotics technology. NVIDIA's innovations are pushing the boundaries of what's possible and driving the next wave of technological advancement.

Jun 02, 2024 | NVIDIA Blog

NVIDIA Announces Financial Results for First Quarter Fiscal 2025



NVIDIA reported a record quarterly revenue of \$26.0 billion, up 18% from Q4 and up 262% from a year ago. The company's Data Center revenue reached a record \$22.6 billion, up 23% from Q4 and up 427% from a year ago. NVIDIA also announced a ten-for-one forward stock split and a 150% increase in its quarterly cash dividend. The company's growth was driven by strong demand for generative AI training and inference on the Hopper platform. NVIDIA is poised for its next wave of growth with the Blackwell platform and Spectrum-X.

May 22, 2024 | NVIDIA Blog

New Performance Optimizations Supercharge NVIDIA RTX AI PCs for Gamers, Creators and Developers



NVIDIA announced new AI performance optimizations and integrations for Windows, enhancing the performance of NVIDIA GeForce RTX AI PCs and NVIDIA RTX workstations. Large language models now run up to 3x faster with ONNX Runtime and DirectML using the new NVIDIA R555 Game Ready Driver. WebNN is also accelerated with RTX via DirectML, enabling web apps to incorporate fast, AI-powered capabilities. These advancements build on NVIDIA's world-leading AI platform, accelerating over 500 applications and games on 100 million RTX AI PCs and workstations worldwide.

May 21, 2024 | NVIDIA Blog

Fire It Up: Mozilla Firefox Adds Support for AI-Powered NVIDIA RTX Video



NVIDIA's RTX Video technology, which uses AI to improve video quality, has been integrated into Mozilla Firefox. RTX Video Super Resolution and HDR enhance video quality on Windows PCs and workstations with NVIDIA GeForce RTX GPUs. The technology upscales low-resolution video and adds HDR information to standard dynamic range content. Firefox joins other browsers, including Google Chrome and Microsoft Edge, in supporting RTX Video. Users can enable RTX Video by updating their GeForce RTX driver and adjusting settings in the NVIDIA Control Panel.

May 15, 2024 | NVIDIA Blog

NVIDIA Blackwell Platform Pushes the Boundaries of Scientific Computing



NVIDIA's Blackwell platform is poised to revolutionize scientific computing, AI, and physics-based simulations. With its powerful GPUs, Blackwell delivers 30% more FP64 and FP32 FMA performance than Hopper, making it ideal for applications like product design, pharmaceutical testing, and climate research. The platform also enables accelerated computing, reducing energy costs and driving sustainable computing. NVIDIA's GB200 Grace Blackwell Superchip and Quantum-X800 InfiniBand networking platform further enhance performance and efficiency. Blackwell's capabilities will drive breakthroughs in fields like quantum computing, drug discovery, and fusion energy.

May 13, 2024 | NVIDIA Blog

NVIDIA Grace Hopper Ignites New Era of AI Supercomputing



NVIDIA is driving a fundamental shift in the high-performance computing industry toward AI-powered systems with its Grace Hopper Superchips. Nine new supercomputers worldwide are using these superchips to speed scientific research and discovery, delivering 200 exaflops of energy-efficient AI processing power. NVIDIA's accelerated computing platform, comprising Hopper architecture-based GPUs and Grace CPU Superchips, is accelerating scientific discovery and transforming industries. The company's technology is being used in various supercomputers, including EXA1-HE in France and Isambard-AI in the U.K. NVIDIA's AI-powered systems are becoming essential for HPC.

May 12, 2024 | NVIDIA Blog

NVIDIA Accelerates Quantum Computing Centers Worldwide With CUDA-Q Platform



NVIDIA is accelerating quantum computing efforts at national supercomputing centers worldwide with its open-source CUDA-Q platform. The platform will power quantum processing units (QPUs) inside NVIDIA-accelerated high-performance computing systems in Germany, Japan, and Poland. NVIDIA's CUDA-Q enables the tight integration of quantum with GPU supercomputing, equipping researchers to push the boundaries of scientific discovery. The company's quantum computing platform is being used by pioneers such as AIST, JSC, and PSNC to advance the state of the art in quantum-integrated supercomputing. CUDA-Q is an open-source and QPU-agnostic quantum-classical accelerated supercomputing platform.

May 12, 2024 | NVIDIA Blog

OVERVIEW

NVIDIA is a computing platform company, innovating at the intersection of graphics, HPC, and AI. The company specializes in the manufacture of graphics-processor technologies for workstations, desktop computers, and mobile devices. The company is a major supplier of integrated circuits used for personal computer motherboard chipsets, graphics processing units (GPUs), and game consoles.

Founded in 1993, NVIDIA is headquartered in Santa Clara, California.

Location	Santa Clara, California, United States
Number Of Employees	10000+
Last funding type	Grant
IPO Status	public
Website	https://www.nvidia.com


Industries	Artificial Intelligence (AI) GPU Hardware Software Virtual Reality
Headquarters regions	California
Founding date	1993-01-01
Founders	Chris Malachowsky, Curtis Priem, Jensen Huang
Legal name	NVIDIA Corporation
Contact email	info@nvidia.com
Social Media	  

MANAGEMENT

JH Jensen Huang
Founder & CEO

Jensen Huang is the visionary Founder and CEO of NVIDIA, a pioneering technology company he established 25 years ago. Based in Los Altos, California, Huang has led NVIDIA to revolutionize the fields of computer graphics, parallel computing, and artificial intelligence through the invention of the GPU. Under his leadership, NVIDIA has grown to a workforce of 12,000 and has been recognized as one of the most innovative and desirable companies to work for. Huang's educational background includes a Master's degree in Electrical Engineering from Stanford University and a Bachelor's degree in the same field from Oregon State University, providing him with a strong foundation for his groundbreaking work in the tech industry.


Experience

 **Founder and CEO**
NVIDIA | Jan 01, 1993 - Present

Education

- **Stanford University** | MSEE
- **Oregon State University** | BSEE

CM Chris Malachowsky
Co-Founder, SVP

 **Alex Aizman**
Chief Storage Architect

Alex Aizman is a seasoned technology expert currently serving as the Chief Storage Architect at NVIDIA in Mountain View, California. With over two decades of experience in distributed storage and storage-optimized communication protocols, Alex has made significant contributions to the field, including co-inventing Large Receive Offload (LRO) and co-creating the iSCSI stack for Linux kernel. As the founder and former CTO of Nexenta Systems, he led the company to become a global leader in Software-Defined Storage. Alex's expertise is further evidenced by his 15+ patents, conference presentations, and active involvement in open-source projects. Fluent in English, Hebrew, and Russian, Alex combines his professional pursuits with personal passions for building distributed systems, applying neural networks, and outdoor activities.

Experience

 **Chief Storage Architect**
NVIDIA | Jul 01, 2017 - Present



CTO

Nexenta Systems | May 01, 2008 - Jul 31, 2016



Director, Software Architecture

Neterion | Apr 01, 2004 - Apr 30, 2008



Director of Software Engineering

Silverback Systems, Inc | Sep 01, 2001 - Apr 30, 2004



Senior Software Architect, Software Manager

Netro Corporation | Feb 01, 1997 - Sep 30, 2001



Colette Kress

EVP And Chief Financial Officer

Colette Kress is a seasoned financial executive currently serving as the Executive Vice President and Chief Financial Officer at NVIDIA, a leading technology company. With a strong background in finance and technology, Kress has held prominent positions at major corporations, including Cisco and Microsoft. Her experience spans roles such as Senior Vice President and CFO at Cisco's Business Technology and Operations Finance division, as well as Corporate VP at Microsoft. Kress's educational background includes an MBA in Finance from SMU Cox School of Business, which has undoubtedly contributed to her success in navigating the financial complexities of the tech industry. Based in Saratoga, California, she brings a wealth of expertise to her role at NVIDIA, helping to drive the company's financial strategy and growth.

Experience



EVP/CFO

NVIDIA | Sep 01, 2013 - Present



Senior Vice President and CFO, Business Technology and Operations Finance

Cisco | Nov 01, 2010 - Sep 30, 2013



Corporate VP

Microsoft | Apr 01, 2006 - Nov 30, 2010

Education

- SMU Cox School of Business | MBA



David M. Shannon

EVP, Chief Administrative Officer And Secretary

David Shannon is a seasoned executive currently serving as the EVP, Chief Administrative Officer and Secretary at NVIDIA in Santa Clara, California. With a strong legal background, he previously held the position of EVP, General Counsel at NVIDIA and Vice President, Legal at Intel. Shannon's commitment to community service is evident through his role as a Board Member and past President at the Law Foundation of Silicon Valley. He holds a JD from Pepperdine University School of Law and a Bachelor's Degree in Political Science and Government from

Pepperdine University. Shannon's diverse experience in legal and administrative roles within the tech industry, coupled with his education, positions him as a valuable leader at NVIDIA.

Experience

-  **EVP, Chief Administrative Officer and Secretary**
NVIDIA | Jan 01, 2014 - Present
-  **EVP, General Counsel**
NVIDIA | Jul 01, 2002 - Feb 28, 2014
-  **Board Member and past President**
Law Foundation Of Silicon Valley | Jan 01, 2003 - Dec 31, 2014
-  **Vice President, Legal**
Intel | May 01, 1993 - Jul 31, 2002

Education

- Pepperdine University School of Law | JD
- Pepperdine University | Bachelor's Degree

 **Bill Dally**
Chief Scientist And SVP Of Research

Bill Dally is a distinguished technology leader serving as NVIDIA's Chief Scientist and SVP Research, while also holding a professorship at Stanford University. With a Ph.D. in Computer Science from Caltech, Dally has made significant contributions to computer systems and network switches, developing key technologies in processor architecture and high-speed signaling. His expertise spans from founding innovative companies like Stream Processors, Inc. and Velio Communications to collaborating with industry giants such as Intel and Cray. Dally's career is marked by a commitment to developing and commercializing cutting-edge technology, particularly in the fields of computer, networking, and VLSI technology.

Experience

-  **Chief Scientist and Senior Vice President of Research**
NVIDIA | Jan 01, 2009 - Present
-  **Professor (Research)**
Stanford University | Jul 01, 1997 - Present
-  **Founder and Chairman**
Stream Processors, Inc. | Jan 01, 2004 - Sep 30, 2009
-  **Founder and CTO**
Velio Communications | Mar 01, 1999 - Oct 31, 2003
-  **Founding Technical Advisor**
Avici Systems | Feb 01, 1997 - Aug 31, 2001

Education

- Caltech | Ph.D.
- Stanford University | MS
- Virginia Tech

Publications







- Principles and Practices of Interconnection Networks
- Digital Design: A Systems Approach
- Digital Systems Engineering

RO

Rob Ober
Chief Platform Architect

Robert Ober is a seasoned technology executive and architect with extensive experience in the tech industry, currently serving on the OCP Advisory Board at Open Compute Project Foundation and as Chief Platform Architect for Datacenter Products at NVIDIA. With a diverse background spanning roles at prominent companies such as SanDisk, LSI Corp, AMD, and Apple, Robert has consistently demonstrated his expertise in enterprise technologies, corporate strategy, and system architecture. His specialties include hyperscale datacenters, wireless technologies, and processor architecture, showcasing his ability to drive innovation across various domains. Robert's educational background in Systems Design Engineering from the University of Waterloo has underpinned his successful career as a generalist and architect, always seeking to grow new kinds of businesses.

Experience

-  **OCP Advisory Board**
Open Compute Project Foundation | Apr 01, 2024 - Present
-  **Chief Platform Architect, Datacenter Products**
NVIDIA | Mar 01, 2016 - Present
-  **Program Committee**
IEEE Hot Chips Conference | Jan 01, 2020 - Oct 31, 2020
-  **Organizing Committee**
IEEE Hot Chips Conference | Jan 01, 2015 - Jan 31, 2020
-  **Senior Fellow & VP, Enterprise Technology**
SanDisk | Jul 01, 2014 - Feb 29, 2016
-  **Senior Fellow**
SanDisk | May 01, 2014 - Jul 31, 2014
-  **Fellow, Office of the CTO and Corporate Strategy**
LSI Corp | Jun 01, 2006 - May 31, 2014
-  **Fellow, Office of CTO**
AMD | Jun 01, 2004 - Jun 30, 2006

 **Director of System Architecture, Senior Principle Engineer**
Infineon Technologies | Jan 01, 2003 - Mar 31, 2004

 **Director of Architecture, Chief Architect**
Infineon Technologies | Apr 01, 1997 - Dec 31, 2002

 **Manager of Technologies (Newton Systems Group)**
Apple Computer | Apr 01, 1992 - Apr 30, 1997

 **Hardware Lead / System Integrator**
Apple Personal Interactive Electronics | Jan 01, 1992 - Jan 31, 1994

 **Hardware Technical Lead**
Apple | Jan 01, 1990 - Jan 31, 1992

Education

- **University of Waterloo** | BAsC




Michael Kagan
Chief Technology Officer

Michael Kagan is a seasoned technology leader currently serving as the Chief Technology Officer at NVIDIA. With a rich background in computer architecture and engineering, he has held pivotal roles at major tech companies, including Intel and Mellanox. His career trajectory showcases a progression from design engineering to executive leadership positions. Michael's educational foundation from the Technion - Israel Institute of Technology, coupled with his ongoing pursuit of knowledge through certifications in machine learning and leadership, demonstrates his commitment to staying at the forefront of technological advancements. Multilingual and globally positioned, Michael brings a wealth of experience and expertise to his role at NVIDIA.

Experience

 **Chief Technology Officer**
NVIDIA | May 01, 2020 - Present

 **Member of Board Of Governors**
Technion - Israel Institute Of Technology | May 01, 2017 - Present

 **CTO and VP Architecture**
Mellanox | Jan 01, 2009 - May 31, 2020


 **VP Architecture**
Mellanox Technologies Ltd | Apr 01, 1999 - Jan 31, 2009

 **Chief Architect**
Intel Corporation | Jan 01, 1995 - Dec 31, 1999

 **Processors department manager**
Intel Corporation | Jan 01, 1992 - Dec 31, 1999

 **Pentium MMX design manager**
Intel Corporation | Jan 01, 1992 - Dec 31, 1995

 **Senior Architect**
Intel Corporation | Sep 01, 1986 - Sep 30, 1992

 **Design Engineer**
Intel Corporation | Aug 01, 1983 - Aug 31, 1986

Education

- Technion - Israel Institute of Technology | Engineer

Licenses & certifications


- Stories Every Leader Should Tell
- Supervised Machine Learning: Regression and Classification
- Advanced Learning Algorithms




Jeremy Archuleta
Senior System Safety Engineer

Jeremy Archuleta is a highly accomplished Principal System Architect at Motional, leveraging his extensive background in large-scale data analytics and high-performance computing. With a diverse career spanning research, technical sales, and entrepreneurship, Jeremy has demonstrated expertise in various cutting-edge technologies, including cloud architecture, machine learning on GPUs, and bioinformatics. His educational background includes degrees from prestigious institutions such as Virginia Tech, University of Utah, and UC Berkeley. Throughout his career, Jeremy has contributed to numerous innovative projects, including CHAMPION for precision medicine and ParaMEDIC for distributed I/O, showcasing his ability to tackle complex technical challenges across multiple domains.


Experience

 **Principal System Architect**
Motional | Mar 01, 2020 - Present

 **Offboard Systems Architect**
Argo AI | May 01, 2018 - Mar 01, 2020

 **Systems Software Architect for Computational Data Analytics Group**
Oak Ridge National Laboratory | Nov 01, 2013 - May 01, 2018

 **Lead Architect - Federal**
Appistry | Nov 01, 2011 - Oct 01, 2013

 **Founder**
SeqCentral | Jan 01, 2010 - Nov 01, 2011

 **Founder**
CompuGreen | Jul 01, 2008 - Jan 01, 2010



Research Scientist

Los Alamos National Laboratory | Aug 01, 2003 - Aug 01, 2005



Research Scientist

Earth Research Institute, UC Santa Barbara | Apr 01, 2003 - Aug 01, 2003



Computer Specialist

Department Of Chemical Engineering, UC Santa Barbara | May 01, 2002 - Nov 01, 2002

Education

- Virginia Polytechnic Institute and State University | Computer Science
- University of Utah | M.S.
- UC Berkeley | B.S.

Publications

- Enabling Complexity Research at Scale: A Present-Day Example
- Evaluating Dynamic File Striping For Lustre
- MOON: MapReduce On Opportunistic eNvironments
- Multi-Dimensional Characterization of Temporal Data Mining on Graphics Processors
- Distributed I/O with Paramedic: Experiences with a Worldwide Supercomputer
- mpiBLAST-2.0: A Maintainable Software Architecture for Fast and Modular Bioinformatics Sequence Search
- A Pluggable Framework for Parallel Pairwise Sequence Search
- Parallel Genomic Sequence-Searching on an Ad-Hoc Grid: Experiences, Lessons Learned, and Implications
- Towards Efficient Supercomputing: A Quest for the Right Metric

Projects

- CHAMPION: Computational Health Analytics for Medical Precision to Improve Outcomes Now
- Accumulative Linking and Analysis of Scientific Results: A New Data-Infrastructure Paradigm to Enable Data-Driven Discoveries
- Foresight Initiative: High-Performance Computing Integration Team
- Scaling Health Innovations for Tomorrow (SHIFT) Challenge
- Dynamic Striping on the Lustre File System
- Integrated Data Repository (IDR) Validation Process
- UMB CTSI Research HARBOR
- ParaMEDIC: Parallel Metadata Environment for Distributed I/O and Computing
- GreenGene
- mpiBLAST



Dwayne Burns

Senior Director, Chip Design

Dwayne Burns is a seasoned professional in the field of chip design, currently serving as Senior Director at NVIDIA in the Belfast Metropolitan Area, United Kingdom. With a diverse background spanning academia and industry, Dwayne has held leadership positions at companies like Mellanox Technologies and Titan IC Systems Ltd. His educational credentials include a PhD in Optoelectronics and a BEng Honours in Electronics & Physics from The University of Edinburgh. Dwayne's career trajectory showcases a strong focus on engineering and research, with

roles ranging from Research Fellow to Principal Engineer at various institutions. His expertise in chip design and engineering leadership makes him a valuable asset in the rapidly evolving semiconductor industry.

Experience

-  **Senior Director, Chip Design**
NVIDIA | Apr 01, 2020 - Present
-  **Senior Director, Chip Design**
Mellanox Technologies | Mar 01, 2020 - Apr 30, 2020
-  **Owner**
Titan IC Systems Ltd | Sep 01, 2007 - Mar 31, 2020
-  **Principal Engineer**
ECIT Institute | Jul 01, 2007 - Jan 31, 2015
-  **Research Fellow**
ECIT Institute | Jan 01, 2006 - Jun 30, 2007
-  **Human Capital and Mobility Fellow**
IRST - Istituto Per La Ricerca Scientifica E Tecnologica | Dec 01, 1994 - Nov 30, 1995
-  **Product Development Manager**
MicroEmissive Displays Ltd | Dec 01, 2000 - Dec 31, 2005
-  **Senior Engineer**
Xilinx Inc | Dec 01, 1995 - Nov 30, 2000


Education

- The University of Edinburgh | PhD
- The University of Edinburgh | BEng Honours

 Rob Burgess

Rob Burgess is a seasoned executive and board member with extensive experience in the technology industry. Currently serving as a Member of the Board of Directors at NVIDIA, he has also held board positions at Adobe Systems. Burgess's career highlights include his role as CEO and Chairman at Macromedia, where he led the company through significant growth. Prior to that, he served as CEO and President at Alias Research/Alias/Wavefront, where he played a crucial role in creating the Oscar-winning MAYA animation system. With a Bachelor of Commerce degree from McMaster University, Burgess has demonstrated a strong track record of leadership in software and technology companies throughout his career.

Experience

-  **Member Board Of Directors**
NVIDIA | Jan 01, 2012 - Present



Board Member

Adobe Systems | Dec 01, 2005 - Present

AD

Board of Directors

Adobe | Jan 01, 2005 - Present



ceo/chairman

Macromedia | Nov 01, 1996 - Jan 31, 2005



ceo

Macromedia | Jan 01, 1996 - Dec 31, 2005

MI

ceo, board member

Macromedia, Inc. (Now Adobe Systems, Inc.) | Jan 01, 1995 - Dec 31, 2005

AL

president

Alias | Wavefront | Jan 01, 1995 - Dec 31, 1996

AR

ceo, board member

Alias Research | Jan 01, 1991 - Dec 31, 1996



ceo/president

Alias Research/Alias/Wavefront | Nov 01, 1991 - Jun 30, 1995

AL

ceo

Alias | Jan 01, 1991 - Dec 31, 1995

SG

president SGI Canada Inc.

SGI | Jan 01, 1984 - Dec 31, 1990

Education

- **McMaster University** | B.Comm

TC

Tench Coxe

PD

Persis Drell



Dawn Hudson

Dawn Hudson is a seasoned executive and board director with extensive experience in marketing, branding, and general management. Currently serving as a Board Director at NVIDIA and Interpublic Group, she brings valuable insights to these organizations while staying current with technology and marketing trends. Hudson's background includes high-profile roles such as Executive Vice President at the NFL and President and CEO of Pepsi-Cola North America. As a public speaker and consultant, she focuses on topics like brand power, business innovation, and

cognitive diversity, drawing from her diverse experiences across consumer goods, food service, and sports management industries. With a BA in English and Economics from Dartmouth College, Hudson continues to leverage her expertise to drive growth and innovation in various sectors.

Experience

-  **Board Director and Public Speaker**
Dawn Hudson | Jan 01, 2008 - Present
-  **Consultant and Board Director**
NVIDIA | Jan 01, 2013 - Present
-  **Board Director**
Interpublic Group (IPG) | Aug 01, 2011 - Present
-  **Executive Vice President**
National Football League (NFL) | Oct 01, 2014 - Present
-  **Vice-Chairman**
The Parthenon Group | Mar 01, 2009 - Sep 30, 2014
-  **Chairman of the Board**
Ladies Professional Golf Association (LPGA) | Jan 01, 2009 - Jan 31, 2010
-  **President and CEO Pepsi-Cola North America and CEO PepsiCo Foodservice**
PepsiCo | Jan 01, 2005 - Jan 31, 2008

Education

- Dartmouth College | BA
- Dartmouth College | Bachelor's degree

 Harvey Jones

Harvey Jones is a music industry professional based in Philadelphia, Pennsylvania. He currently serves as the Co-Owner and Artists & Repertoire Manager at Nodegree collective, demonstrating his entrepreneurial spirit and expertise in talent management. In his role, Harvey likely focuses on discovering, developing, and nurturing new musical talent while also overseeing the creative direction of the collective. His position suggests a deep understanding of the music industry landscape and a keen ear for identifying promising artists. As a co-owner, Harvey probably plays a crucial role in shaping the overall strategy and growth of Nodegree collective in the competitive music market.

Experience

-  **Co-Owner and Artists & Repertoire Manager**
Nodegree Collective

MS**Mark Stevens**

Mark A. Stevens is a seasoned venture capitalist and board member with over 30 years of experience in the technology industry. Currently serving as a board member at Innovium Inc. and NVIDIA, he also manages S-Cubed Capital and holds a special limited partnership at Sequoia Capital. Stevens' impressive career includes key roles at Hughes Aircraft Company and Intel Corporation, followed by a successful tenure at Sequoia Capital where he guided numerous high-profile investments. With a strong educational background in engineering and business from USC and Harvard, Stevens has consistently demonstrated his expertise in identifying and nurturing promising tech ventures. His current involvement with the Golden State Warriors as an investor and executive board member further showcases his diverse business acumen.

Experience



Board Member

Innovium Inc. | Jan 01, 2015 - Present



Investor and Executive Board member

Golden State Warriors | Aug 01, 2013 - Present



Board Member

Second Spectrum | Mar 01, 2013 - Present



Managing Partner

S-Cubed Capital | Apr 01, 2012 - Present



Board Member; former chair of Compensation Committee; Audit and NCG Committee member

NVIDIA | May 01, 2008 - Present



Lecturer

Stanford University Graduate School Of Business | Jan 01, 2010 - Mar 31, 2018



Managing General Partner

Sequoia Capital | Jul 01, 1989 - Mar 31, 2012



Various Technical and Field Sales Positions

Intel Corporation | Jul 01, 1982 - Aug 31, 1987



Member of Technical Staff

Hughes Aircraft Company | Jan 01, 1982 - Jun 30, 1982

Education

- **Harvard Business School** | Master of Business Administration (MBA)
- **University of Southern California** | M.S. in Computer Engineering
- **University of Southern California** | B.S. in Electrical Engineering and B.A. in Economics

**Brooke Seawell**

Brooke Seawell is a seasoned venture partner at New Enterprise Associates with extensive experience as a board director and operating executive. His impressive career spans involvement in 12 IPOs and 13 strategic acquisitions, showcasing his expertise in guiding companies through pivotal financial milestones. Currently serving on the boards of NVIDIA, Tenable, and GoodLeap, Seawell has a strong track record in audit committee leadership. His educational background includes an MBA in Finance and a B.A. in Economics from Stanford University, providing a solid foundation for his successful career in the technology and finance sectors.

Experience



Venture Partner

New Enterprise Associates (NEA) | Jan 01, 2005 - Present



Board of Directors / Audit Committee Chair

NVIDIA | Jan 01, 1997 - Present



Board of Directors / Audit Committee Chair

Tenable | Jan 01, 2017 - Present



Board of Directors / Audit Committee Chair

GoodLeap | Jan 01, 2021 - Present



Board of Trustees

Landon School | Jan 01, 2019 - Present

Education

- Stanford University Graduate School of Business | MBA
- Stanford University | B.A.
- Landon School (Bethesda, MD) | High School



Melissa Lora

Melissa Lora is a seasoned executive with a distinguished career spanning over three decades, currently serving as a Member of the Board of Directors at NVIDIA. Her extensive experience includes C-Suite global leadership roles in General Management, Finance, and Development, particularly at Taco Bell Corp., where she played a pivotal role in the company's significant growth. Lora's expertise extends to governance and leadership in multiple NYSE-listed companies, where she has contributed to creating substantial shareholder value. Her passion for mentoring and developing future leaders is evident through her involvement with educational institutions and her legacy of nurturing talent. With a strong background in finance and international business expansion, Lora brings valuable insights and strategic acumen to her current board positions.

Experience



Lead Independent Director

KB Home | Apr 01, 2004 - Present



Independent Director - Chairwoman Audit & Finance Committee

Conagra Brands | Jan 01, 2019 - Present



Member Board of Directors

NVIDIA | Jul 01, 2023 - Present



Independent Director

MGIC | Jan 01, 2018 - Apr 30, 2022



Retired President International

Taco Bell | Oct 01, 2013 - Dec 31, 2018



Regional Vice President, General Manager

Taco Bell | Nov 01, 1998 - Nov 30, 2000



Finance & Development roles

Taco Bell | Mar 01, 1987 - Oct 31, 1998



Chief Financial & Development Officer - Taco Bell Corp.

Yum! Brands | Oct 01, 2001 - Oct 31, 2013



Vice President - Portfolio Transformation

Yum! Brands | Nov 01, 2000 - Sep 30, 2001

Education

- USC Marshall School of Business | MBA
- California State University-Long Beach - College of Business | Bachelor of Science (B.S.)

PRODUCT OFFERINGS

- **AI and Deep Learning Solutions:** NVIDIA offers a comprehensive range of AI and deep learning solutions, including the DGX platform for data centers, GPU-accelerated software for various devices, and free curated labs for AI exploration. [\[3\]\[6\]](#)
- **GPU Product Lines:** NVIDIA produces graphics processing units (GPUs) for different market segments, including the professional line for edge-to-cloud computing and supercomputers, and the GeForce line for consumers, maintaining a dominant market share in discrete desktop GPUs. [\[4\]\[8\]](#)
- **Data Center and Cloud Offerings:** NVIDIA provides data center products such as the NVIDIA HGX and Quantum InfiniBand, designed to accelerate AI, HPC, and deep learning workloads, along with the AI Enterprise software platform for secure, cloud-native AI development and deployment. [\[3\]](#)
- **Professional Services for Data Science:** NVIDIA offers Professional Services for Data Science, including analysis, assessment, training, implementation, code optimization, and workload migration, to help customers accelerate their AI journey and optimize AI deployment at scale. [\[1\]](#)
- **Software Platforms and Tools:** NVIDIA provides software solutions such as NVIDIA NGC for GPU-accelerated software and pretrained AI models, and a platform for generative AI with production-ready APIs and AI tools for developing and deploying generative AI applications. [\[3\]\[9\]](#)
- **Partnerships and Collaborative Solutions:** NVIDIA collaborates with major tech companies to offer integrated AI solutions, such as the partnership with HPE for enterprise AI solutions and with Microsoft to bring generative AI and Omniverse technologies to Azure services. [\[5\]\[11\]](#)
- **Specialized Hardware Solutions:** NVIDIA offers specialized products like the TITAN V, DRIVE PX2, and Jetson for various applications, as well as innovative solutions such as the GB200 Superchip for large-scale generative AI workloads and the EGX Enterprise platform for end-to-end performance. [\[6\]\[12\]](#)

CUSTOMERS

- **Tech Giants Dominate NVIDIA's Customer Base:** Major tech companies like Amazon, Meta Platforms, Microsoft, and Alphabet make up approximately 40% of NVIDIA's revenue, highlighting the company's strong presence in the AI and high-performance computing markets. [\[1\]](#)[\[3\]](#)[\[5\]](#)
- **High Customer Concentration:** NVIDIA's revenue is heavily concentrated among a few large customers, with a single customer (believed to be Microsoft) representing 19% of total revenue in fiscal year 2024, and another representing 13% in Q1 FY2025. This concentration adds some risk to NVIDIA's business model. [\[2\]](#)[\[14\]](#)
- **AI Startups and Autonomous Vehicle Companies as Key Customers:** NVIDIA counts AI startups like OpenAI and autonomous vehicle companies such as Tesla among its significant customers, demonstrating the company's crucial role in emerging AI-driven industries. [\[1\]](#)[\[3\]](#)
- **GPUs Essential for AI Infrastructure:** NVIDIA's graphics processing units (GPUs) are considered essential for AI infrastructure, making the company a leader in the AI market and driving high demand from various customers in the tech industry. [\[1\]](#)[\[3\]](#)[\[6\]](#)
- **Customer Success Stories Across Industries:** NVIDIA's technology is being leveraged by customers across various industries, including architecture (Gensler), visual effects (Animal Logic), and real estate (TOKYU LIVABLE), showcasing the versatility and wide-ranging applications of NVIDIA's products. [\[8\]](#)[\[11\]](#)
- **NVIDIA Partner Network Ecosystem:** NVIDIA brings its products and solutions to market through the NVIDIA Partner Network (NPN), which comprises NVIDIA experts who help customers solve challenging problems and accelerate their businesses with NVIDIA solutions. [\[13\]](#)
- **Customer Investments Driving NVIDIA's Growth:** Recent pledges by major clients like Meta, Alphabet, and Microsoft to increase spending on AI investments have significantly boosted NVIDIA's stock value, demonstrating the strong link between customer demand and NVIDIA's market performance. [\[15\]](#)

SWOT ANALYSIS

Strengths

- NVIDIA dominates the AI chip market with a 70-95% market share [2] and controls 88% of the GPU market [3].
- The company has become the world's most valuable public company, surpassing Microsoft and Apple, with a market capitalization of \$3.4 trillion USD [1].
- NVIDIA's revenue has been consistently tripling each quarter, with a 265% increase since last year [1][4].
- The company's stock has surged by nearly 174% this year [1], and has more than doubled following a tripling of its value last year [5].
- NVIDIA's success is driven by its leading position in AI technology, particularly its flagship AI graphics processing units (GPUs) and CUDA software [2][4].
- The company has partnered with Tribe and Digital Industry Singapore to launch the Ignition AI Accelerator, fostering AI startups in Southeast Asia [5].

Weakness

- NVIDIA faces low current ratios and high employee turnover rates [1].
- The company has high operational costs [1].
- NVIDIA's dependence on graphic cards for almost 90% of its profits is a notable weakness [4].
- The company's fabless manufacturing strategy could be a potential weakness [4].
- NVIDIA faces potential risks associated with its supply chain concentration and dependence on third-party suppliers [5].

Opportunities

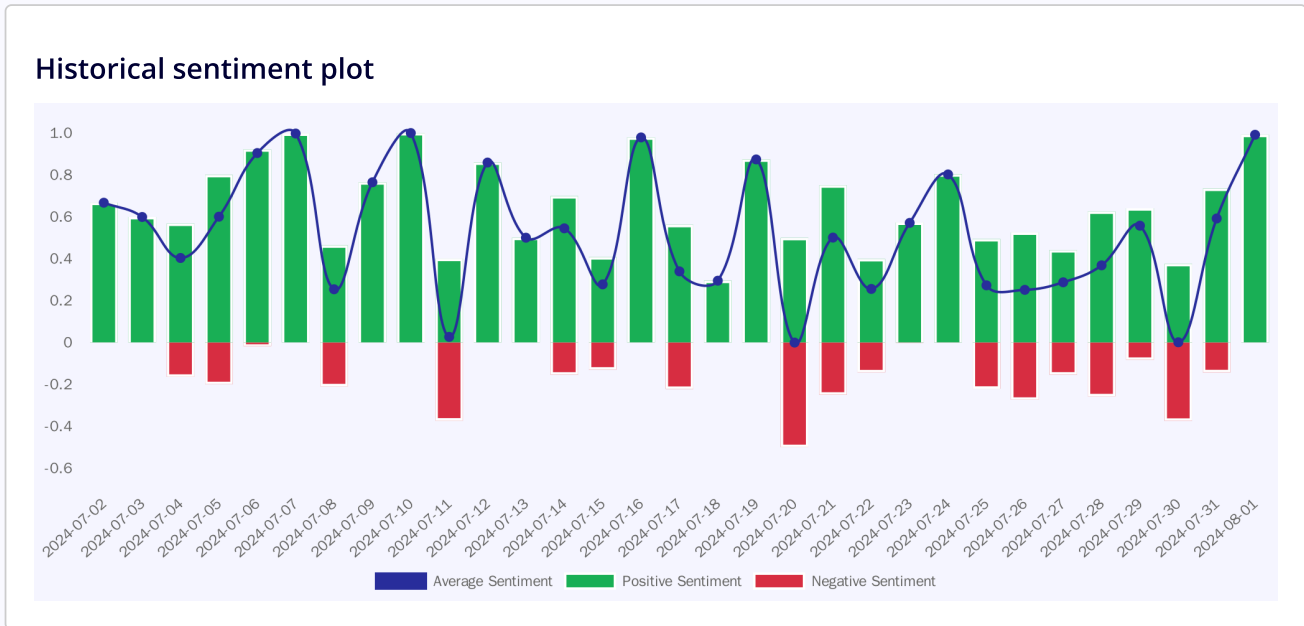
- NVIDIA is poised for its next wave of growth with the Blackwell platform and Spectrum-X [3].
- The company has announced a new AI Foundry service and plans to roll out its most advanced artificial intelligence platform in 2026 [5].
- NVIDIA's AI chips are in high demand, with Meta Platforms planning to install 350,000 NVIDIA H100 graphic cards by year-end [5].
- The company has opportunities in various industries including gaming, design, AI, and cloud-based visual computing [1].
- NVIDIA's focus has evolved from PC graphics to artificial intelligence (AI) based solutions, supporting high performance computing (HPC), gaming, and virtual reality (VR) platforms [2].

Threats

- NVIDIA faces increasing competition from startups and other chipmakers in the AI chip market [2].
- The company's top customers, including Google, Microsoft, and Amazon, are building their own processors for internal use [2].
- NVIDIA is vulnerable to potential supply chain disruptions [4].
- Some market analysts predict a significant market correction that could severely impact NVIDIA's stock value [1].

- The cyclical nature of the semiconductor industry and potential oversupply of chips ordered by overexcited AI companies could lead to a flooded market ^[4].

SENTIMENT ANALYSIS



Potential indicators

Positive Indicators

Where Will Nvidia Stock Be in 5 Years?



NVIDIA is a dominant player in the market with its best-in-class GPUs, but it may face competition from custom-designed AI chips by companies like Google Cloud, Amazon Web Services, and Meta Platforms. Despite this, NVIDIA's GPUs will still be in high demand, and the company will likely see a wave of replacements for its products in the next five years. However, NVIDIA's record profit margins are ripe for competition, and its stock price may face pressure as a result. The company's stock is expensive, trading at 73 times trailing and 46 times forward earnings. NVIDIA's margins are a competitor's opportunity, and the market believes its revenue will keep growing forever.

Jul 06, 2024 | Yahoo Finance

Report: Nvidia is working on an AI chip for the Chinese market



NVIDIA is developing a version of its new flagship AI chip, "Blackwell", for the Chinese market, which will be compatible with current US export controls. The chip, provisionally dubbed "B20", is expected to go into series production later this year and will be launched and distributed in China through Inspur, one of NVIDIA's key distribution partners. Deliveries are expected to begin in the second quarter of 2025. This move aims to support NVIDIA's efforts to fend off challenges from Chinese competitors in the AI processor market. The US government is expected to further increase pressure on export controls for semiconductors.

Jul 23, 2024 | Heise Online

Opinion: This Nvidia Forecast All but Confirms That the Artificial Intelligence (AI) Bubble Will Burst Sooner Rather Than Later | The Motley Fool



NVIDIA is a leading provider of graphics processing units (GPUs) in AI-accelerated data centers, with a 98% market share. The company's operating ramp has been flawless, with a notable expansion in adjusted gross margin to 78.35% in the fiscal first quarter. However, NVIDIA's forecast decline in adjusted gross margin to 75.5% in the fiscal second quarter may indicate challenges ahead. The company faces increasing competition from Intel and AMD, as well as internal AI-GPU development from top customers like Microsoft and Amazon. This may lead to a decline in NVIDIA's pricing power and adjusted margin.

Jul 20, 2024 | The Motley Fool

Questionable: Nvidia GeForce RTX 5090 could consume 500 watts



NVIDIA's GeForce RTX 5000 graphics cards' alleged TDP values have been reported, with the RTX 5090 potentially consuming 500 watts, a 50-watt increase from the RTX 4090. Other models, such as the RTX 5080, RTX 5070, and RTX 5060, may also see power consumption increases. However, these values are speculative and were briefly listed on Seasonic's power supply calculator before being removed. The accuracy of these values is uncertain, as NVIDIA typically only releases final specifications shortly before launch.

Jul 15, 2024 | Heise Online

Forget Nvidia Stock: 2 Tech Stocks to Buy Instead



NVIDIA's stock has surged dramatically, up 2,636% over the past five years, raising concerns about the stock being overvalued. The company's high valuation could mean that future gains are limited, and the stock might be due for a correction. Insider selling by NVIDIA's CEO, Jensen Huang, has also raised red flags, with Huang selling 2.04 million shares in less than a month. This action suggests that even those within the company may have doubts about the stock's continued upward trajectory. Market experts warn that investing in NVIDIA stock might not be prudent due to potential increased competition and market saturation.

Jul 24, 2024 | The Motley Fool Canada

Negative Indicators

Terry Smith defends move to shun US technology stock Nvidia



NVIDIA, a computing platform company, briefly became the world's most valuable company, surpassing \$3tn. Investment manager Terry Smith defended his decision to shun NVIDIA, citing concerns over the predictability of its outlook. Smith's fund, Fundsmith Equity, did not own any NVIDIA shares, which contributed to its underperformance compared to the S&P 500 index. A quarter of the S&P 500's 17% return in sterling terms came from NVIDIA. Smith acknowledged that not owning AI stocks, including NVIDIA, likely led to underperformance.

Jul 08, 2024 | Financial Times

Billionaires Can't Stop Selling Nvidia. But There's Something Else That Investors Need to Know. | The Motley Fool



NVIDIA's stock has surged 800% in less than two years, but recent sales by billionaires, including company insiders Jensen Huang and Mark Stevens, have raised concerns. However, these sales represent only a small portion of their holdings. A more significant concern is NVIDIA's stock valuation, with its price-to-sales ratio reaching unsustainable levels, nearly 500% greater than its lifetime average. This has led to warnings that the stock may be overpriced and could experience a pull-back if sales fall short of expectations.

Jul 26, 2024 | Yahoo Finance

Nvidia's rally pauses as analyst downgrades stock



NVIDIA's stock rally has paused after a 154% rise this year, with analyst Pierre Ferragu downgrading the stock to neutral due to full valuation. The company's market capitalization has added almost \$1.9 trillion, briefly making it the world's largest company. NVIDIA trades at over 22 times estimated revenue for the next 12 months, making it the most expensive stock in the S&P 500 Index. Despite this, nearly 90% of analysts recommend buying the stock. New Street set a one-year price target of \$135 for NVIDIA.

Jul 08, 2024 | Benefits and Pensions Monitor

Nvidia to make \$12bn from AI chips in China this year despite US controls



NVIDIA is expected to sell \$12 billion worth of artificial intelligence chips in China this year, despite US export controls. The company will deliver over 1 million of its new H20 chips, which fall outside of US restrictions. Each H20 chip costs between \$12,000 and \$13,000. NVIDIA's sales in China have been lower due to the restrictions, but the H20 chip is proving popular with Chinese customers. The company's revenue from China is expected to be around 10% of its total sales this year.

Jul 04, 2024 | Financial Times

Nvidia RTX 4070 10GB prototype appears on GPU-Z — the configuration provided more shader cores but less memory and bandwidth



NVIDIA was considering a 10GB VRAM configuration for its RTX 4070 graphics card, as evidenced by a prototype discovered on GPU-Z. The prototype had a 160-bit memory interface and 7,168 CUDA cores, but reduced memory bandwidth and capacity. Fortunately, NVIDIA decided against this configuration, instead releasing the RTX 4070 with 12GB of GDDR6X memory. This decision was likely due to the limitations of 10GB VRAM in modern titles, which can cause performance issues at higher resolutions. The final RTX 4070 design has proven to be more effective in handling modern games.

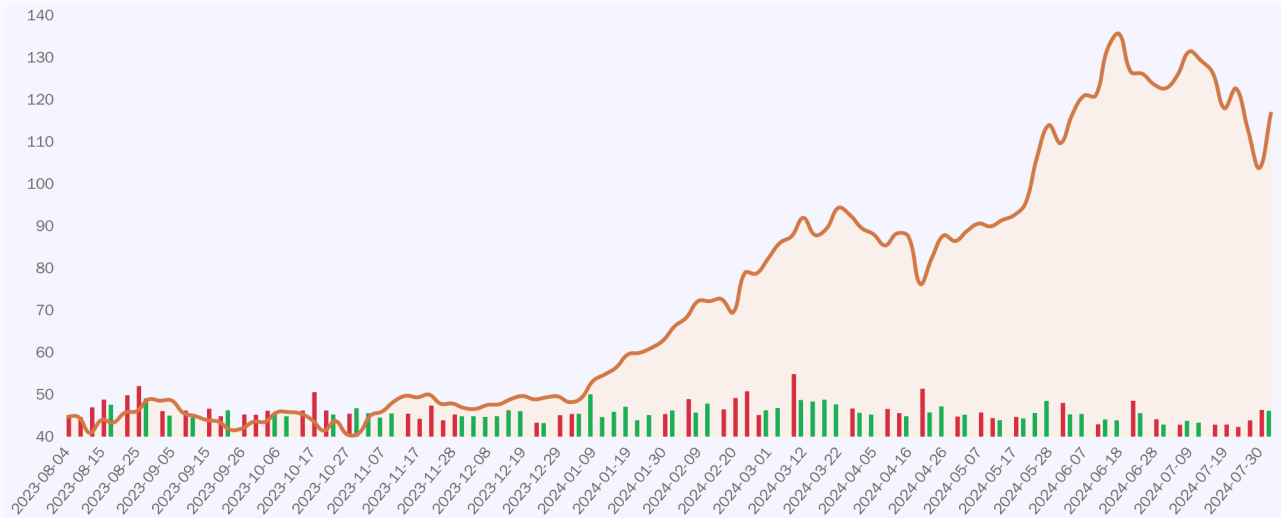
Jul 15, 2024 | Tom's Hardware

BUSINESS MODEL

- **Diverse Revenue Streams Across Key Industries:** NVIDIA's business model focuses on designing and selling enterprise chips for gaming, data centers, professional visualizations, and autonomous driving, with two core segments: Graphics and Compute/Networking. ^{[6][11]}
- **AI and GPU Technology at the Core:** NVIDIA's strategy centers on its proprietary GPU technology, which has positioned the company as a leader in AI hardware with an 83% market share in the dedicated AI accelerator market segment. ^{[1][4]}
- **Strategic Investments in Innovation:** NVIDIA fuels growth through investments in startups and strategic collaborations, focusing on AI, GPU, hardware, software, and virtual reality technologies via its corporate investments, NVentures, and NVIDIA Inception programs. ^[3]
- **Platform Strategy Combining Hardware and Software:** NVIDIA employs a platform approach, pairing its hardware with software tools to enhance GPU capabilities, serving major corporations as enterprise customers. ^{[6][14]}
- **Explosive Revenue Growth Driven by AI Demand:** NVIDIA reported record quarterly revenue of \$26.0 billion in Q1 fiscal 2025, up 262% year-over-year, with Data Center revenue reaching \$22.6 billion, up 427% from the previous year, driven by strong demand for AI technologies. ^{[2][9]}
- **Global Expansion and Market Accessibility:** NVIDIA's global strategy involves navigating geopolitical complexities, fostering AI development in emerging markets, and creating a comprehensive software ecosystem to complement its hardware, aiming to make AI more accessible and affordable worldwide. ^[4]
- **Diversification into Software and Services:** NVIDIA is aggressively expanding into parallel and complementary businesses, including software and services, to deepen and prolong its market dominance. ^[10]

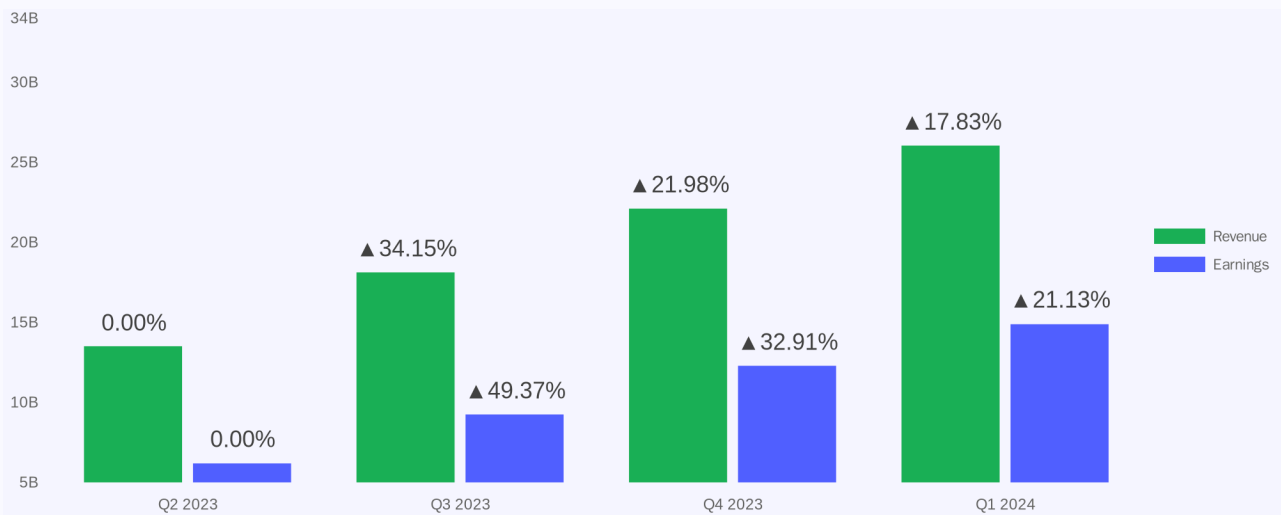
FINANCIALS

Price Chart



50 day average	52 week high	Beta	Share outstanding	Total debt	Market cap	Current ratio	200 day average
\$119.87	\$140.76	1.68	\$24.60B	\$11.24B	\$2862.36B	3.52	\$79.92

Financial Trends



Key Ratios

Valuation Metrics		Profitability Metrics		Liquidity and Solvency Metrics		Cash Flow Metrics	
Enterprise Value	2858.49B	Gross Profits	N/A	Total Cash	31.44B	Free Cash Flow	29.02B
Forward P/E Ratio	31.11	Return on Assets (ROA)	0.49	Total Cash Per Share	1.27	Operating Cash Flow	40.52B
Trailing P/E Ratio	68.04	Return on Equity (ROE)	1.15	Total Debt	11.24B		
Forward Earnings / Share	3.74	Gross Margins	0.75	Quick Ratio	2.87		
Trailing EPS	1.71	EBITDA Margins	0.61	Current Ratio	3.52		
PEG Ratio	0.93	Operating Margins	0.64				
Price-to-Sales (P/S) Ratio	35.88	Profit Margins	0.53				
Price-to-Book (P/B) Ratio	58.24	EBITDA	49.27B				

Key Insights of Earning call

Positive Indicators

- ⚡ Record quarterly revenue of \$26 billion, up 18% sequentially and 262% year-over-year
- ⚡ Data Center revenue reached a record \$22.6 billion, up 23% sequentially and 427% year-over-year, driven by strong demand for NVIDIA Hopper GPU computing platform
- ⚡ Robust demand from enterprise, consumer internet, and cloud customers for NVIDIA AI infrastructure
- ⚡ Significant growth opportunities in Sovereign AI and regional cloud providers as countries build domestic AI capabilities
- ⚡ Launched new products like Blackwell GPU architecture, Spectrum-X Ethernet networking, and NVIDIA Inference Microservices to support the next wave of AI growth
- ⚡ Increasing dividend by 150% and announcing a 10-for-1 stock split

Negative Indicators

- ⚡ Data Center revenue in China down significantly due to new export control restrictions
- ⚡ Demand for H200 and Blackwell expected to exceed supply well into next year
- ⚡ Modest sequential decline in Networking revenue due to timing of supply

Earnings History

Date	EPS Actual	EPS Estimate	Difference
Q3 2023	0.27	0.21	0.06
Q4 2023	0.4	0.34	0.06
Q1 2024	0.52	0.46	0.06
Q2 2024	0.61	0.56	0.05

Analyst Recommendations

Month	Buy	Strong Buy	Sell	Strong Sell	Hold
August 2024	14	7	1	1	15
July 2024	34	19	0	0	5

June 2024	33	20	0	0	4
May 2024	21	12	2	0	12

Earnings Estimate

Period	No. of Analysts	Low Estimate	High Estimate	Avg Estimate	Year Ago Eps
Current Qtr June 2024	38	0.6	0.71	0.63	0.27
Next Qtr September 2024	37	0.65	0.81	0.7	0.4
Current Year 2024	44	2.54	3.04	2.72	1.3
Next Year 2025	43	3.17	5.3	3.74	2.72

Revenue Estimate

Period	No. of Analysts	Low Estimate	High Estimate	Avg Estimate	Year Ago Sales
Current Qtr June 2024	39	26,819,000,000	30,455,000,000	28,464,600,000	
Next Qtr September 2024	38	29,363,000,000	35,704,000,000	31,336,800,000	
Current Year 2024	53	112,409,000,000	133,557,000,000	120,730,000,000	60,922,000,000
Next Year 2025	52	135,130,000,000	231,518,000,000	164,804,000,000	120,730,000,000

EPS Trend

Period	Current Estimate	Seven Days Ago	Thirty Days Ago	Sixty Days Ago	Ninety Days Ago
Current Qtr June 2024	0.63	0.59	0.63	6.33	5.51
Next Qtr September 2024	0.7	0.64	0.7	6.93	6
Current Year 2024	2.72	2.51	2.71	26.99	23.17
Next Year 2025	3.74	3.45	3.64	35.66	29.08

Growth Estimate

Period	Company Growth	S&P500 Growth
Current Qtr June 2024	133.3%	4.7%
Next Qtr September 2024	75.0%	10.0%
Current Year 2024	109.2%	2.9%
Next Year 2025	37.5%	12.4%
Next 5 years (Per annum)	46.35%	11.52%
Previous 5 years (Per annum)	63.75%	

Annual Income Statement

Breakdown	TTM	2024-01-31	2023-01-31	2022-01-31	2021-01-31
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Total Revenue	7977400000.0	6092200000.0	2697400000.0	2691400000.0	1667500000.0
Operating Revenue	7977400000.0	6092200000.0	2697400000.0	2691400000.0	1667500000.0
Cost of Revenue	1971500000.0	1662100000.0	1161800000.0	943900000.0	627900000.0
Gross Profit	6005900000.0	4430100000.0	1535600000.0	1747500000.0	1039600000.0
Operating Expense	1231800000.0	1132900000.0	977900000.0	743400000.0	586400000.0
Selling General and Administrative	279800000.0	265400000.0	244000000.0	216600000.0	194000000.0
Research & Development	952000000.0	867500000.0	733900000.0	526800000.0	392400000.0
Operating Income	4774100000.0	3297200000.0	557700000.0	1004100000.0	453200000.0
Net Non Operating Interest Income Expense	82000000.0	60900000.0	500000.0	-20700000.0	-12700000.0
Interest Income Non Operating	107500000.0	86600000.0	26700000.0	2900000.0	5700000.0
Interest Expense Non Operating	25500000.0	25700000.0	26200000.0	23600000.0	18400000.0
Other Income Expense	32700000.0	23700000.0	-140100000.0	10700000.0	400000.0
Special Income Charges	N/A	0.0	-135300000.0	0.0	0.0
Restructuring & Mergers Acquisition	N/A	0.0	135300000.0	0.0	0.0
Other Non Operating Income Expenses	32700000.0	23700000.0	-4800000.0	10700000.0	400000.0
Pretax Income	4888800000.0	3381800000.0	418100000.0	994100000.0	440900000.0
Tax Provision	629000000.0	405800000.0	-18700000.0	18900000.0	7700000.0
Net Income Common Stockholders	4259800000.0	2976000000.0	436800000.0	975200000.0	433200000.0
Net Income	4259800000.0	2976000000.0	436800000.0	975200000.0	433200000.0
Net Income Including Non-Controlling Interests	4259800000.0	2976000000.0	436800000.0	975200000.0	433200000.0
Net Income Continuous Operations	4259800000.0	2976000000.0	436800000.0	975200000.0	433200000.0
Basic Average Shares	2467000000.0	2469000000.0	2487000000.0	2496000000.0	2468000000.0
Diluted Average Shares	2493750000.0	2494000000.0	2507000000.0	2535000000.0	2512000000.0
Total Operating Income as Reported	4774100000.0	3297200000.0	422400000.0	1004100000.0	453200000.0
Total Expenses	3203300000.0	2795000000.0	2139700000.0	1687300000.0	1214300000.0
Net Income from Continuing & Discontinued Operation	4259800000.0	2976000000.0	436800000.0	975200000.0	433200000.0
Normalized Income	4259800000.0	2976000000.0	543687000.0	975200000.0	433200000.0
Interest Income	107500000.0	86600000.0	26700000.0	2900000.0	5700000.0
Interest Expense	25500000.0	25700000.0	26200000.0	23600000.0	18400000.0
Net Interest Income	82000000.0	60900000.0	500000.0	-20700000.0	-12700000.0
Reconciled Cost of Revenue	1971500000.0	1662100000.0	1161800000.0	943900000.0	627900000.0
Reconciled Depreciation	153400000.0	150800000.0	154400000.0	117400000.0	109800000.0
Net Income from Continuing Operation Net Minority Interest	4259800000.0	2976000000.0	436800000.0	975200000.0	433200000.0
Total Unusual Items Excluding Goodwill	0.0	0.0	-135300000.0	0.0	0.0

Total Unusual Items	0.0	0.0	-1353000000.0	0.0	0.0
Tax Rate for Calcs	0.128661	0.12	0.21	0.019	0.017
Tax Effect of Unusual Items	0.0	0.0	-284130000.0	0.0	0.0

Quarter Income Statement

Breakdown	TTM	2024-04-30	2024-01-31	2023-10-31	2023-07-31	2023-04-30	2023-01-31
Total Revenue	79774000000.0	26044000000.0	22103000000.0	18120000000.0	13507000000.0	7192000000.0	N/A
Operating Revenue	79774000000.0	26044000000.0	22103000000.0	18120000000.0	13507000000.0	7192000000.0	N/A
Cost of Revenue	19715000000.0	5638000000.0	5312000000.0	4720000000.0	4045000000.0	2544000000.0	N/A
Gross Profit	60059000000.0	20406000000.0	16791000000.0	13400000000.0	9462000000.0	4648000000.0	N/A
Operating Expense	12318000000.0	3497000000.0	3177000000.0	2983000000.0	2662000000.0	2508000000.0	N/A
Selling General and Administrative	2798000000.0	777000000.0	712000000.0	689000000.0	622000000.0	633000000.0	N/A
Research & Development	9520000000.0	2720000000.0	2465000000.0	2294000000.0	2040000000.0	1875000000.0	N/A
Operating Income	47741000000.0	16909000000.0	13614000000.0	10417000000.0	6800000000.0	2140000000.0	N/A
Net Non Operating Interest Income Expense	820000000.0	295000000.0	231000000.0	171000000.0	122000000.0	84000000.0	N/A
Interest Income Non Operating	1075000000.0	359000000.0	294000000.0	234000000.0	187000000.0	150000000.0	N/A
Interest Expense Non Operating	255000000.0	64000000.0	63000000.0	63000000.0	65000000.0	66000000.0	N/A
Other Income Expense	327000000.0	75000000.0	261000000.0	-66000000.0	59000000.0	-15000000.0	N/A
Special Income Charges	N/A	N/A	0.0	0.0	0.0	0.0	0.0
Restructuring & Mergers Acquisition	N/A	N/A	0.0	0.0	0.0	0.0	0.0
Other Non Operating Income Expenses	327000000.0	75000000.0	261000000.0	-66000000.0	59000000.0	-15000000.0	N/A
Pretax Income	48888000000.0	17279000000.0	14106000000.0	10522000000.0	6981000000.0	2209000000.0	N/A

Tax Provision	6290000000.0	2398000000.0	1821000000.0	1279000000.0	793000000.0	166000000.0	N/A
Net Income Common Stockholders	42598000000.0	14881000000.0	12285000000.0	9243000000.0	6188000000.0	2043000000.0	N/A
Net Income	42598000000.0	14881000000.0	12285000000.0	9243000000.0	6188000000.0	2043000000.0	N/A
Net Income Including Non-Controlling Interests	42598000000.0	14881000000.0	12285000000.0	9243000000.0	6188000000.0	2043000000.0	N/A
Net Income Continuous Operations	42598000000.0	14881000000.0	12285000000.0	9243000000.0	6188000000.0	2043000000.0	N/A
Basic Average Shares	24670000000.0	24620000000.0	N/A	24680000000.0	24730000000.0	24700000000.0	24640000000.0
Diluted Average Shares	24937500000.0	24890000000.0	N/A	24940000000.0	24990000000.0	24900000000.0	24770000000.0
Total Operating Income as Reported	47741000000.0	16909000000.0	13614000000.0	10417000000.0	6800000000.0	2140000000.0	N/A
Total Expenses	32033000000.0	9135000000.0	8489000000.0	7703000000.0	6707000000.0	5052000000.0	N/A
Net Income from Continuing & Discontinued Operation	42598000000.0	14881000000.0	12285000000.0	9243000000.0	6188000000.0	2043000000.0	N/A
Normalized Income	42598000000.0	14881000000.0	12285000000.0	9243000000.0	6188000000.0	2043000000.0	N/A
Interest Income	1075000000.0	359000000.0	294000000.0	234000000.0	187000000.0	150000000.0	N/A
Interest Expense	255000000.0	64000000.0	63000000.0	63000000.0	65000000.0	66000000.0	N/A
Net Interest Income	820000000.0	295000000.0	231000000.0	171000000.0	122000000.0	84000000.0	N/A
Reconciled Cost of Revenue	19715000000.0	5638000000.0	5312000000.0	4720000000.0	4045000000.0	2544000000.0	N/A
Reconciled Depreciation	1534000000.0	410000000.0	387000000.0	372000000.0	365000000.0	384000000.0	N/A
Net Income from Continuing Operation Net Minority Interest	42598000000.0	14881000000.0	12285000000.0	9243000000.0	6188000000.0	2043000000.0	N/A
Total Unusual Items Excluding Goodwill	0.0	N/A	0.0	0.0	0.0	0.0	0.0

Total Unusual Items	0.0	N/A	0.0	0.0	0.0	0.0	0.0
Tax Rate for Calcs	0.128661	0.139	0.129094	0.122	0.114	0.075	N/A
Tax Effect of Unusual Items	0.0	0.0	0.0	0.0	0.0	0.0	N/A

Quarter Balance Sheet

Breakdown	TTM	2024-04-30	2024-01-31	2023-10-31	2023-07-31	2023-04-30	2023-01-31
Total Assets	N/A	77072000000.0	65728000000.0	54148000000.0	49555000000.0	44460000000.0	N/A
Current Assets	N/A	53729000000.0	44345000000.0	32658000000.0	28797000000.0	24883000000.0	N/A
Cash, Cash Equivalents & Short Term Investments	N/A	31438000000.0	25984000000.0	18281000000.0	16023000000.0	15320000000.0	N/A
Cash And Cash Equivalents	N/A	7587000000.0	7280000000.0	5519000000.0	5783000000.0	5079000000.0	N/A
Other Short Term Investments	N/A	23851000000.0	18704000000.0	12762000000.0	10240000000.0	10241000000.0	N/A
Receivables	N/A	12365000000.0	9999000000.0	8309000000.0	7066000000.0	4080000000.0	N/A
Accounts receivable	N/A	12365000000.0	9999000000.0	8309000000.0	7066000000.0	4080000000.0	N/A
Inventory	N/A	5864000000.0	5282000000.0	4779000000.0	4319000000.0	4611000000.0	N/A
Raw Materials	N/A	1991000000.0	1719000000.0	1663000000.0	1632000000.0	1809000000.0	N/A
Work in Process	N/A	1625000000.0	1505000000.0	1338000000.0	1058000000.0	930000000.0	N/A
Finished Goods	N/A	2248000000.0	2058000000.0	1778000000.0	1629000000.0	1872000000.0	N/A
Other Current Assets	N/A	4062000000.0	3080000000.0	1289000000.0	1389000000.0	872000000.0	N/A
Total non-current assets	N/A	23343000000.0	21383000000.0	21490000000.0	20758000000.0	19577000000.0	N/A
Properties	N/A	N/A	0.0	N/A	N/A	N/A	0.0
Land And Improvements	N/A	N/A	218000000.0	N/A	N/A	N/A	218000000.0
Buildings And Improvements	N/A	N/A	1816000000.0	N/A	N/A	N/A	1598000000.0
Machinery Furniture Equipment	N/A	N/A	5200000000.0	N/A	N/A	N/A	4303000000.0
Other Properties	N/A	5538000000.0	1346000000.0	5160000000.0	5034000000.0	4834000000.0	N/A
Construction in Progress	N/A	N/A	189000000.0	N/A	N/A	N/A	382000000.0
Accumulated Depreciation	N/A	N/A	-3509000000.0	N/A	N/A	N/A	-2694000000.0
Goodwill And Other Intangible Assets	N/A	5439000000.0	5542000000.0	5681000000.0	5825000000.0	5971000000.0	N/A

Goodwill	N/A	4453000000.0	4430000000.0	4430000000.0	4430000000.0	4430000000.0	N/A
Other Intangible Assets	N/A	9860000000.0	1112000000.0	1251000000.0	1395000000.0	1541000000.0	N/A
Investments And Advances	N/A	1750000000.0	1546000000.0	1172000000.0	800000000.0	505000000.0	N/A
Other Investments	N/A	1750000000.0	1546000000.0	1172000000.0	800000000.0	505000000.0	N/A
Non Current Deferred Assets	N/A	7798000000.0	6081000000.0	5982000000.0	5398000000.0	4568000000.0	N/A
Non Current Deferred Taxes Assets	N/A	7798000000.0	6081000000.0	5982000000.0	5398000000.0	4568000000.0	N/A
Non Current Prepaid Assets	N/A	2590000000.0	2822000000.0	3356000000.0	3553000000.0	3554000000.0	N/A
Other Non Current Assets	N/A	228000000.0	132000000.0	139000000.0	148000000.0	145000000.0	N/A
Total Liabilities Net Minority Interest	N/A	27930000000.0	22750000000.0	20883000000.0	22054000000.0	19940000000.0	N/A
Current Liabilities	N/A	15223000000.0	10631000000.0	9101000000.0	10334000000.0	7260000000.0	N/A
Payables And Accrued Expenses	N/A	12089000000.0	7775000000.0	6634000000.0	8087000000.0	5179000000.0	N/A
Payables	N/A	6596000000.0	2995000000.0	2800000000.0	4732000000.0	2685000000.0	N/A
Accounts Payable	N/A	2715000000.0	2699000000.0	2380000000.0	1929000000.0	1141000000.0	N/A
Total Tax Payable	N/A	3881000000.0	296000000.0	420000000.0	2803000000.0	1544000000.0	N/A
Current Accrued Expenses	N/A	5493000000.0	4780000000.0	3834000000.0	3355000000.0	2494000000.0	N/A
Current Provisions	N/A	643000000.0	415000000.0	299000000.0	168000000.0	112000000.0	N/A
Current Debt And Capital Lease Obligation	N/A	1496000000.0	1478000000.0	1479000000.0	1457000000.0	1437000000.0	N/A
Current Debt	N/A	1250000000.0	1250000000.0	1249000000.0	1249000000.0	1250000000.0	N/A
Other Current Borrowings	N/A	1250000000.0	1250000000.0	1249000000.0	1249000000.0	1250000000.0	N/A
Current Capital Lease Obligation	N/A	246000000.0	228000000.0	230000000.0	208000000.0	187000000.0	N/A
Current Deferred Liabilities	N/A	845000000.0	764000000.0	513000000.0	421000000.0	367000000.0	N/A
Current Deferred Revenue	N/A	845000000.0	764000000.0	513000000.0	421000000.0	367000000.0	N/A
Other Current Liabilities	N/A	150000000.0	199000000.0	176000000.0	201000000.0	165000000.0	N/A
Total Non Current Liabilities Net Minority Interest	N/A	12707000000.0	12119000000.0	11782000000.0	11720000000.0	12680000000.0	N/A
Long Term Debt And Capital Lease Obligation	N/A	9741000000.0	9578000000.0	9548000000.0	9497000000.0	10643000000.0	N/A

Long Term Debt	N/A	8460000000.0	8459000000.0	8457000000.0	8456000000.0	9704000000.0	N/A
Long Term Capital Lease Obligation	N/A	1281000000.0	1119000000.0	1091000000.0	1041000000.0	939000000.0	N/A
Non Current Deferred Liabilities	N/A	1287000000.0	1035000000.0	849000000.0	681000000.0	520000000.0	N/A
Non Current Deferred Taxes Liabilities	N/A	583000000.0	462000000.0	424000000.0	373000000.0	290000000.0	N/A
Non Current Deferred Revenue	N/A	704000000.0	573000000.0	425000000.0	308000000.0	230000000.0	N/A
Tradeand Other Payables Non Current	N/A	1613000000.0	1441000000.0	1319000000.0	1477000000.0	1455000000.0	N/A
Other Non Current Liabilities	N/A	66000000.0	65000000.0	66000000.0	65000000.0	62000000.0	N/A
Total Equity Gross Minority Interest	N/A	49142000000.0	42978000000.0	33265000000.0	27501000000.0	24520000000.0	N/A
Stockholders' Equity	N/A	49142000000.0	42978000000.0	33265000000.0	27501000000.0	24520000000.0	N/A
Capital Stock	N/A	2000000.0	2000000.0	2000000.0	2000000.0	2000000.0	N/A
Preferred Stock	N/A	0.0	0.0	0.0	0.0	0.0	N/A
Common Stock	N/A	2000000.0	2000000.0	2000000.0	2000000.0	2000000.0	N/A
Additional Paid in Capital	N/A	12651000000.0	13132000000.0	12991000000.0	12629000000.0	12453000000.0	N/A
Retained Earnings	N/A	36598000000.0	29817000000.0	20360000000.0	14921000000.0	12115000000.0	N/A
Gains Losses Not Affecting Retained Earnings	N/A	-109000000.0	27000000.0	-88000000.0	-51000000.0	-50000000.0	N/A
Other Equity Adjustments	N/A	-109000000.0	27000000.0	-88000000.0	-51000000.0	-50000000.0	N/A
Total Capitalization	N/A	57602000000.0	51437000000.0	41722000000.0	35957000000.0	34224000000.0	N/A
Common Stock Equity	N/A	49142000000.0	42978000000.0	33265000000.0	27501000000.0	24520000000.0	N/A
Capital Lease Obligations	N/A	1527000000.0	1347000000.0	1321000000.0	1249000000.0	1126000000.0	N/A
Net Tangible Assets	N/A	43703000000.0	37436000000.0	27584000000.0	21676000000.0	18549000000.0	N/A
Working Capital	N/A	38506000000.0	33714000000.0	23557000000.0	18463000000.0	17623000000.0	N/A
Invested Capital	N/A	58852000000.0	52687000000.0	42971000000.0	37206000000.0	35474000000.0	N/A
Tangible Book Value	N/A	43703000000.0	37436000000.0	27584000000.0	21676000000.0	18549000000.0	N/A
Total Debt	N/A	11237000000.0	11056000000.0	11027000000.0	10954000000.0	12080000000.0	N/A
Net Debt	N/A	2123000000.0	2429000000.0	4187000000.0	3922000000.0	5875000000.0	N/A
Share Issued	N/A	24598341970.0	24640000000.0	24660000000.0	24690000000.0	24730000000.0	N/A
Ordinary Shares Number	N/A	24598341970.0	24640000000.0	24660000000.0	24690000000.0	24730000000.0	N/A

Treasury Shares Number	N/A	N/A	N/A	0.0	N/A	N/A	N/A
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Annual Balance Sheet

Breakdown	TTM	2024-01-31	2023-01-31	2022-01-31	2021-01-31	2020-01-31
Total Assets	N/A	6572800000.0	4118200000.0	4418700000.0	2879100000.0	N/A
Current Assets	N/A	4434500000.0	2307300000.0	2882900000.0	1605500000.0	N/A
Cash, Cash Equivalents & Short Term Investments	N/A	2598400000.0	1329600000.0	2120800000.0	1156100000.0	N/A
Cash And Cash Equivalents	N/A	728000000.0	338900000.0	199000000.0	84700000.0	N/A
Other Short Term Investments	N/A	1870400000.0	990700000.0	1921800000.0	1071400000.0	N/A
Receivables	N/A	999900000.0	382700000.0	465000000.0	242900000.0	N/A
Accounts receivable	N/A	999900000.0	382700000.0	465000000.0	242900000.0	N/A
Gross Accounts Receivable	N/A	N/A	N/A	N/A	245000000.0	166800000.0
Allowance For Doubtful Accounts Receivable	N/A	N/A	N/A	N/A	-2100000.0	-1100000.0
Inventory	N/A	528200000.0	515900000.0	260500000.0	182600000.0	N/A
Raw Materials	N/A	171900000.0	243000000.0	79100000.0	63200000.0	N/A
Work in Process	N/A	150500000.0	46600000.0	69200000.0	45700000.0	N/A
Finished Goods	N/A	205800000.0	226300000.0	112200000.0	73700000.0	N/A
Prepaid Assets	N/A	N/A	N/A	36600000.0	23900000.0	15700000.0
Other Current Assets	N/A	308000000.0	79100000.0	36600000.0	23900000.0	N/A
Total non-current assets	N/A	2138300000.0	1810900000.0	1535800000.0	1273600000.0	N/A
Properties	N/A	0.0	0.0	0.0	0.0	N/A
Land And Improvements	N/A	21800000.0	21800000.0	21800000.0	21800000.0	N/A
Buildings And Improvements	N/A	181600000.0	159800000.0	87400000.0	79600000.0	N/A
Machinery Furniture Equipment	N/A	520000000.0	430300000.0	285200000.0	198500000.0	N/A
Other Properties	N/A	134600000.0	103800000.0	82900000.0	70700000.0	N/A
Construction in Progress	N/A	18900000.0	38200000.0	73700000.0	55800000.0	N/A
Leases	N/A	N/A	N/A	N/A	38500000.0	29300000.0
Accumulated Depreciation	N/A	-350900000.0	-269400000.0	-190300000.0	-140800000.0	N/A
Goodwill And Other Intangible Assets	N/A	554200000.0	604800000.0	668800000.0	693000000.0	N/A
Goodwill	N/A	443000000.0	437200000.0	434900000.0	419300000.0	N/A
Other Intangible Assets	N/A	111200000.0	167600000.0	233900000.0	273700000.0	N/A
Investments And Advances	N/A	154600000.0	29900000.0	26600000.0	14400000.0	N/A
Other Investments	N/A	154600000.0	29900000.0	26600000.0	14400000.0	N/A
Non Current Deferred Assets	N/A	608100000.0	339600000.0	122200000.0	80600000.0	N/A

Non Current Deferred Taxes Assets	N/A	6081000000.0	3396000000.0	1222000000.0	806000000.0	N/A
Non Current Prepaid Assets	N/A	2822000000.0	3376000000.0	3509000000.0	1797000000.0	N/A
Other Non Current Assets	N/A	132000000.0	145000000.0	66000000.0	203000000.0	N/A
Total Liabilities Net Minority Interest	N/A	22750000000.0	19081000000.0	17575000000.0	11898000000.0	N/A
Current Liabilities	N/A	10631000000.0	6563000000.0	4335000000.0	3925000000.0	N/A
Payables And Accrued Expenses	N/A	7775000000.0	4606000000.0	3520000000.0	2128000000.0	N/A
Payables	N/A	2995000000.0	1660000000.0	1915000000.0	1149000000.0	N/A
Accounts Payable	N/A	2699000000.0	1193000000.0	1783000000.0	1149000000.0	N/A
Total Tax Payable	N/A	296000000.0	467000000.0	132000000.0	61000000.0	N/A
Other Payable	N/A	N/A	N/A	N/A	N/A	54000000.0
Current Accrued Expenses	N/A	4780000000.0	2946000000.0	1605000000.0	979000000.0	N/A
Interest Payable	N/A	N/A	N/A	N/A	74000000.0	20000000.0
Current Provisions	N/A	415000000.0	108000000.0	N/A	N/A	N/A
Current Debt And Capital Lease Obligation	N/A	1478000000.0	1426000000.0	144000000.0	999000000.0	N/A
Current Debt	N/A	1250000000.0	1250000000.0	N/A	999000000.0	N/A
Other Current Borrowings	N/A	1250000000.0	1250000000.0	N/A	999000000.0	N/A
Current Capital Lease Obligation	N/A	228000000.0	176000000.0	144000000.0	121000000.0	N/A
Current Deferred Liabilities	N/A	764000000.0	354000000.0	300000000.0	288000000.0	N/A
Current Deferred Revenue	N/A	764000000.0	354000000.0	300000000.0	288000000.0	N/A
Other Current Liabilities	N/A	199000000.0	69000000.0	371000000.0	510000000.0	N/A
Total Non Current Liabilities Net Minority Interest	N/A	12119000000.0	12518000000.0	13240000000.0	7973000000.0	N/A
Long Term Debt And Capital Lease Obligation	N/A	9578000000.0	10605000000.0	11687000000.0	6598000000.0	N/A
Long Term Debt	N/A	8459000000.0	9703000000.0	10946000000.0	5964000000.0	N/A
Long Term Capital Lease Obligation	N/A	1119000000.0	902000000.0	741000000.0	634000000.0	N/A
Non Current Deferred Liabilities	N/A	1035000000.0	465000000.0	447000000.0	404000000.0	N/A
Non Current Deferred Taxes Liabilities	N/A	462000000.0	247000000.0	245000000.0	241000000.0	N/A
Non Current Deferred Revenue	N/A	573000000.0	218000000.0	202000000.0	163000000.0	N/A
Tradeand Other Payables Non Current	N/A	1441000000.0	1385000000.0	1057000000.0	836000000.0	N/A
Employee Benefits	N/A	N/A	N/A	N/A	33000000.0	22000000.0
Other Non Current Liabilities	N/A	65000000.0	63000000.0	49000000.0	135000000.0	N/A
Total Equity Gross Minority Interest	N/A	42978000000.0	22101000000.0	26612000000.0	16893000000.0	N/A
Stockholders' Equity	N/A	42978000000.0	22101000000.0	26612000000.0	16893000000.0	N/A
Capital Stock	N/A	2000000.0	2000000.0	3000000.0	3000000.0	N/A

Preferred Stock	N/A	0.0	0.0	0.0	0.0	N/A
Common Stock	N/A	2000000.0	2000000.0	3000000.0	3000000.0	N/A
Additional Paid in Capital	N/A	13132000000.0	11971000000.0	10385000000.0	8719000000.0	N/A
Retained Earnings	N/A	29817000000.0	10171000000.0	16235000000.0	18908000000.0	N/A
Treasury Stock	N/A	N/A	N/A	0.0	10756000000.0	9814000000.0
Gains Losses Not Affecting Retained Earnings	N/A	27000000.0	-43000000.0	-11000000.0	19000000.0	N/A
Other Equity Adjustments	N/A	27000000.0	-43000000.0	-11000000.0	19000000.0	N/A
Total Capitalization	N/A	51437000000.0	31804000000.0	37558000000.0	22857000000.0	N/A
Common Stock Equity	N/A	42978000000.0	22101000000.0	26612000000.0	16893000000.0	N/A
Capital Lease Obligations	N/A	1347000000.0	1078000000.0	885000000.0	634000000.0	N/A
Net Tangible Assets	N/A	37436000000.0	16053000000.0	19924000000.0	9963000000.0	N/A
Working Capital	N/A	33714000000.0	16510000000.0	24494000000.0	12130000000.0	N/A
Invested Capital	N/A	52687000000.0	33054000000.0	37558000000.0	23856000000.0	N/A
Tangible Book Value	N/A	37436000000.0	16053000000.0	19924000000.0	9963000000.0	N/A
Total Debt	N/A	11056000000.0	12031000000.0	11831000000.0	7597000000.0	N/A
Net Debt	N/A	2429000000.0	7564000000.0	8956000000.0	6116000000.0	N/A
Share Issued	N/A	24640000000.0	24661365720.0	25060000000.0	38600000000.0	N/A
Ordinary Shares Number	N/A	24640000000.0	24661365720.0	25060000000.0	24800000000.0	N/A
Treasury Shares Number	N/A	N/A	N/A	N/A	13800000000.0	13700576960.0

Annual Cash Flow

Breakdown	TTM	2024-01-31	2023-01-31	2022-01-31	2021-01-31	2020-01-31
Operating Cash Flow	40524000000.0	28090000000.0	5641000000.0	9108000000.0	5822000000.0	N/A
Cash Flow from Continuing Operating Activities	40524000000.0	28090000000.0	5641000000.0	9108000000.0	5822000000.0	N/A
Net Income from Continuing Operations	42598000000.0	29760000000.0	4368000000.0	9752000000.0	4332000000.0	N/A
Operating Gains Losses	-321000000.0	-238000000.0	45000000.0	-100000000.0	N/A	1000000.0
Gain Loss On Investment Securities	-321000000.0	-238000000.0	45000000.0	-100000000.0	N/A	1000000.0
Depreciation Amortization Depletion	1534000000.0	1508000000.0	1544000000.0	1174000000.0	1098000000.0	N/A
Depreciation & amortization	1534000000.0	1508000000.0	1544000000.0	1174000000.0	1098000000.0	N/A
Deferred Tax	-2931000000.0	-2489000000.0	-2164000000.0	-406000000.0	-282000000.0	N/A
Deferred Income Tax	-2931000000.0	-2489000000.0	-2164000000.0	-406000000.0	-282000000.0	N/A

Stock based compensation	3825000000.0	3549000000.0	2709000000.0	2004000000.0	1397000000.0	N/A
Other non-cash items	-3890000000.0	-2780000000.0	1346000000.0	47000000.0	-20000000.0	N/A
Change in working capital	-3792000000.0	-3722000000.0	-2207000000.0	-3363000000.0	-703000000.0	N/A
Change in Receivables	-8286000000.0	-6172000000.0	822000000.0	-2215000000.0	-550000000.0	N/A
Changes in Account Receivables	-8286000000.0	-6172000000.0	822000000.0	-2215000000.0	-550000000.0	N/A
Change in Inventory	-1241000000.0	-98000000.0	-2554000000.0	-774000000.0	-524000000.0	N/A
Change in Prepaid Assets	-2033000000.0	-1522000000.0	-1517000000.0	-1715000000.0	-394000000.0	N/A
Change in Payables And Accrued Expense	7036000000.0	3556000000.0	790000000.0	1149000000.0	602000000.0	N/A
Change in Payable	1498000000.0	1531000000.0	-551000000.0	568000000.0	312000000.0	N/A
Change in Account Payable	1498000000.0	1531000000.0	-551000000.0	568000000.0	312000000.0	N/A
Change in Accrued Expense	5538000000.0	2025000000.0	1341000000.0	581000000.0	290000000.0	N/A
Change in Other Current Liabilities	732000000.0	514000000.0	252000000.0	192000000.0	163000000.0	N/A
Change in Other Working Capital	N/A	N/A	N/A	N/A	163000000.0	28000000.0
Investing Cash Flow	-15418000000.0	-10566000000.0	7375000000.0	-9830000000.0	-19675000000.0	N/A
Cash Flow from Continuing Investing Activities	-15418000000.0	-10566000000.0	7375000000.0	-9830000000.0	-19675000000.0	N/A
Capital Expenditure Reported	N/A	N/A	N/A	N/A	-1128000000.0	-489000000.0
Net Business Purchase And Sale	47000000.0	-83000000.0	-49000000.0	-263000000.0	-8524000000.0	N/A
Purchase of Business	47000000.0	-83000000.0	-49000000.0	-263000000.0	-8524000000.0	N/A
Net Investment Purchase And Sale	-14275000000.0	-9414000000.0	9257000000.0	-8591000000.0	-10023000000.0	N/A
Purchase of Investment	-25698000000.0	-19196000000.0	-11974000000.0	-24811000000.0	-19342000000.0	N/A
Sale of Investment	11423000000.0	9782000000.0	21231000000.0	16220000000.0	9319000000.0	N/A
Financing Cash Flow	-22598000000.0	-13633000000.0	-11617000000.0	1865000000.0	3804000000.0	N/A
Cash Flow from Continuing Financing Activities	-22598000000.0	-13633000000.0	-11617000000.0	1865000000.0	3804000000.0	N/A
Net Issuance Payments of Debt	N/A	-1250000000.0	0.0	3977000000.0	4968000000.0	N/A
Net Long Term Debt Issuance	N/A	-1250000000.0	0.0	3977000000.0	4968000000.0	N/A
Long Term Debt Issuance	N/A	0.0	0.0	4977000000.0	4968000000.0	N/A

Long Term Debt Payments	N/A	-125000000.0	0.0	-100000000.0	0.0	N/A
Net Common Stock Issuance	-1727300000.0	-953300000.0	-1003900000.0	0.0	0.0	N/A
Common Stock Payments	-1727300000.0	-953300000.0	-1003900000.0	0.0	0.0	N/A
Cash Dividends Paid	-394000000.0	-395000000.0	-398000000.0	-399000000.0	-395000000.0	N/A
Common Stock Dividend Paid	N/A	N/A	-398000000.0	-399000000.0	-395000000.0	-390000000.0
Proceeds from Stock Option Exercised	442000000.0	403000000.0	355000000.0	281000000.0	194000000.0	N/A
Net Other Financing Charges	-412300000.0	-285800000.0	-153500000.0	-199400000.0	-963000000.0	N/A
End Cash Position	758700000.0	728000000.0	338900000.0	199000000.0	847000000.0	N/A
Changes in Cash	250800000.0	389100000.0	139900000.0	114300000.0	-1004900000.0	N/A
Beginning Cash Position	507900000.0	338900000.0	199000000.0	84700000.0	1089600000.0	N/A
Income Tax Paid Supplemental Data	N/A	654900000.0	140400000.0	39600000.0	24900000.0	N/A
Interest Paid Supplemental Data	N/A	252000000.0	254000000.0	246000000.0	138000000.0	N/A
Capital Expenditure	-119000000.0	-106900000.0	-183300000.0	-97600000.0	-112800000.0	N/A
Issuance of Debt	N/A	0.0	0.0	497700000.0	496800000.0	N/A
Repayment of Debt	N/A	-125000000.0	0.0	-100000000.0	0.0	N/A
Repurchase of Capital Stock	-1727300000.0	-953300000.0	-1003900000.0	0.0	0.0	N/A
Free Cash Flow	3933400000.0	2702100000.0	380800000.0	813200000.0	469400000.0	N/A

Quarter Cash Flow

Breakdown	TTM	2024-04-30	2024-01-31	2023-10-31	2023-07-31	2023-04-30	2023-01-31
Operating Cash Flow	4052400000.0	1534500000.0	1149900000.0	733200000.0	634800000.0	291100000.0	N/A
Cash Flow from Continuing Operating Activities	4052400000.0	1534500000.0	1149900000.0	733200000.0	634800000.0	291100000.0	N/A
Net Income from Continuing Operations	4259800000.0	1488100000.0	1228500000.0	924300000.0	618900000.0	204300000.0	N/A
Operating Gains Losses	-321000000.0	-6900000.0	-26200000.0	6900000.0	-5900000.0	1400000.0	N/A
Gain Loss On Investment Securities	-321000000.0	-6900000.0	-26200000.0	6900000.0	-5900000.0	1400000.0	N/A

Depreciation Amortization Depletion	1534000000.0	410000000.0	387000000.0	372000000.0	365000000.0	384000000.0	N/A
Depreciation & amortization	1534000000.0	410000000.0	387000000.0	372000000.0	365000000.0	384000000.0	N/A
Deferred Tax	-2931000000.0	-1577000000.0	-78000000.0	-530000000.0	-746000000.0	-1135000000.0	N/A
Deferred Income Tax	-2931000000.0	-1577000000.0	-78000000.0	-530000000.0	-746000000.0	-1135000000.0	N/A
Stock based compensation	3825000000.0	1011000000.0	994000000.0	979000000.0	841000000.0	735000000.0	N/A
Other non- cash items	-389000000.0	-145000000.0	-108000000.0	-68000000.0	-68000000.0	-34000000.0	N/A
Change in working capital	-3792000000.0	834000000.0	-1719000000.0	-2733000000.0	-174000000.0	904000000.0	N/A
Change in Receivables	-8286000000.0	-2366000000.0	-1690000000.0	-1243000000.0	-2987000000.0	-252000000.0	N/A
Changes in Account Receivables	-8286000000.0	-2366000000.0	-1690000000.0	-1243000000.0	-2987000000.0	-252000000.0	N/A
Change in Inventory	-1241000000.0	-577000000.0	-503000000.0	-456000000.0	295000000.0	566000000.0	N/A
Change in Prepaid Assets	-2033000000.0	-726000000.0	-1185000000.0	255000000.0	-377000000.0	-215000000.0	N/A
Change in Payables And Accrued Expense	7036000000.0	4180000000.0	1353000000.0	-1261000000.0	2764000000.0	700000000.0	N/A
Change in Payable	1498000000.0	-22000000.0	281000000.0	461000000.0	778000000.0	11000000.0	N/A
Change in Account Payable	1498000000.0	-22000000.0	281000000.0	461000000.0	778000000.0	11000000.0	N/A
Change in Accrued Expense	5538000000.0	4202000000.0	1072000000.0	-1722000000.0	1986000000.0	689000000.0	N/A
Change in Other Current Liabilities	732000000.0	323000000.0	306000000.0	-28000000.0	131000000.0	105000000.0	N/A
Investing Cash Flow	-15418000000.0	-5693000000.0	-6109000000.0	-3170000000.0	-446000000.0	-841000000.0	N/A
Cash Flow from Continuing Investing Activities	-15418000000.0	-5693000000.0	-6109000000.0	-3170000000.0	-446000000.0	-841000000.0	N/A
Net Business Purchase And Sale	47000000.0	-174000000.0	0.0	0.0	221000000.0	-304000000.0	N/A

Purchase of Business	47000000.0	-174000000.0	0.0	0.0	221000000.0	-304000000.0	N/A
Net Investment Purchase And Sale	-14275000000.0	-5150000000.0	-5855000000.0	-2892000000.0	-378000000.0	-289000000.0	N/A
Purchase of Investment	-25698000000.0	-9303000000.0	-7636000000.0	-5782000000.0	-2977000000.0	-2801000000.0	N/A
Sale of Investment	11423000000.0	4153000000.0	1781000000.0	2890000000.0	2599000000.0	2512000000.0	N/A
Financing Cash Flow	-22598000000.0	-9345000000.0	-3629000000.0	-4525000000.0	-5099000000.0	-380000000.0	N/A
Cash Flow from Continuing Financing Activities	-22598000000.0	-9345000000.0	-3629000000.0	-4525000000.0	-5099000000.0	-380000000.0	N/A
Net Issuance Payments of Debt	N/A	N/A	0.0	0.0	N/A	N/A	0.0
Net Long Term Debt Issuance	N/A	N/A	0.0	0.0	N/A	N/A	0.0
Long Term Debt Issuance	N/A	N/A	N/A	N/A	N/A	N/A	0.0
Long Term Debt Payments	N/A	N/A	0.0	0.0	N/A	N/A	0.0
Net Common Stock Issuance	-17273000000.0	-7740000000.0	-2659000000.0	-3807000000.0	-3067000000.0	0.0	N/A
Common Stock Payments	-17273000000.0	-7740000000.0	-2659000000.0	-3807000000.0	-3067000000.0	0.0	N/A
Cash Dividends Paid	-394000000.0	-98000000.0	-99000000.0	-97000000.0	-100000000.0	-99000000.0	N/A
Common Stock Dividend Paid	N/A	-98000000.0	N/A	N/A	N/A	-99000000.0	-98000000.0
Proceeds from Stock Option Exercised	442000000.0	285000000.0	0.0	156000000.0	1000000.0	246000000.0	N/A
Net Other Financing Charges	-4123000000.0	-1792000000.0	-871000000.0	-777000000.0	-683000000.0	-527000000.0	N/A
End Cash Position	7587000000.0	7587000000.0	7280000000.0	5519000000.0	5882000000.0	5079000000.0	N/A
Changes in Cash	2508000000.0	307000000.0	1761000000.0	-363000000.0	803000000.0	1690000000.0	N/A

Beginning Cash Position	5079000000.0	7280000000.0	5519000000.0	5882000000.0	5079000000.0	3389000000.0	N/A
Income Tax Paid Supplemental Data	N/A	N/A	1873000000.0	4348000000.0	N/A	N/A	32000000.0
Capital Expenditure	-1190000000.0	-369000000.0	-254000000.0	-278000000.0	-289000000.0	-248000000.0	N/A
Issuance of Debt	N/A	N/A	N/A	N/A	N/A	N/A	0.0
Repayment of Debt	N/A	N/A	0.0	0.0	N/A	N/A	0.0
Repurchase of Capital Stock	-17273000000.0	-7740000000.0	-2659000000.0	-3807000000.0	-3067000000.0	0.0	N/A
Free Cash Flow	39334000000.0	14976000000.0	11245000000.0	7054000000.0	6059000000.0	2663000000.0	N/A

Institution Ownership

Organizations	% Held	Shares	Value	Report Date
Vanguard Group Inc	0.08%	2133356260	248188262922	2024-03-31
Blackrock Inc.	0.07%	1822389250	212011294506	2024-03-31
FMR, LLC	0.04%	1151036980	133908186823	2024-03-31
State Street Corporation	0.03%	904894170	105272671232	2024-03-31
Geode Capital Management, LLC	0.02%	524942990	61070291570	2024-03-31
Price (T.Rowe) Associates Inc	0.01%	461499100	53689419867	2024-03-31
JP Morgan Chase & Company	0.01%	379614540	44163215975	2024-03-31
Morgan Stanley	0.01%	338760640	39410395893	2024-03-31
Norges Bank Investment Management	0.01%	294947080	34313257851	2023-12-31
Northern Trust Corporation	0%	242517530	28213761399	2024-03-31

Insider Trading

Insider	Transaction	Type	Value	Date	Shares
HUANG JEN-HSUN Chief Executive Officer	Sale at price 102.85 - 116.11 per share.	D	26383025	2024-07-30	240000
HUANG JEN-HSUN Chief Executive Officer	Sale at price 106.79 - 116.22 per share.	D	27216126	2024-07-26	240000
HUANG JEN-HSUN Chief Executive Officer	Sale at price 113.85 - 124.20 per share.	D	28869762	2024-07-24	240000
HUANG JEN-HSUN Chief Executive Officer	Sale at price 117.86 - 124.02 per share.	D	28954933	2024-07-22	240000

HUANG JEN-HSUN Chief Executive Officer	Sale at price 116.83 - 122.12 per share.	D	28679816	2024-07-18	240000
HUANG JEN-HSUN Chief Executive Officer	Sale at price 124.84 - 131.17 per share.	D	30638085	2024-07-16	240000
STEVENS MARK A Director	Sale at price 129.81 per share.	I	20254063	2024-07-12	156023
HUANG JEN-HSUN Chief Executive Officer	Sale at price 127.70 - 136.00 per share.	D	31266275	2024-07-12	240000
PURI AJAY K Officer	Sale at price 127.76 - 131.40 per share.	I	13023949	2024-07-12	100110
STEVENS MARK A Director	Sale at price 130.65 - 134.16 per share.	I	103998016	2024-07-10	785000

Investments

Announced Date	Organisation name	Funding round	Lead investor	Money Raised
2024-07-22	Cohere	NVIDIA investment in Series D - Cohere	-	500000000
2024-07-18	Arrcus	NVIDIA investment in Venture Round - Arrcus	-	30000000
2024-07-17	CytoReason	NVIDIA investment in Series B - CytoReason	-	80000000
2024-07-07	Fireworks AI	NVIDIA investment in Series B - Fireworks AI	-	52000000
2024-06-25	Bright Machines	NVIDIA investment in Series C - Bright Machines	-	106000000
2024-06-18	Waabi	NVIDIA investment in Series B - Waabi	-	200000000
2024-06-11	Mistral AI	NVIDIA investment in Series B - Mistral AI	-	502074275
2024-05-21	Scale AI	NVIDIA investment in Series F - Scale AI	-	1000000000
2024-05-15	WEKA	NVIDIA investment in Series E - WEKA	-	140000000
2024-05-07	Wayve	NVIDIA investment in Series C - Wayve	-	1000080006

Investors

Investor name	Lead Investors	Funding round	Partners
ARPA-E	true	ARPA-E investment in Grant - NVIDIA	
ARK Investment Management	true	ARK Investment Management investment in Post-IPO Equity - NVIDIA	Catherine Wood
SoftBank Vision Fund	true	SoftBank Vision Fund investment in Post-IPO Equity - NVIDIA	Masayoshi Son
DARPA	true	DARPA investment in Grant - NVIDIA	
Jean Abrial	-	Jean Abrial investment in Post-IPO Debt - NVIDIA	
TriplePoint Capital	-	TriplePoint Capital investment in Post-IPO Debt - NVIDIA	
Sequoia Capital	true	Sequoia Capital investment in Seed Round - NVIDIA	

Acquisitions

Acquiree Name	Announced Date	Price	Transaction Name
Brev.dev	2024-07-17	-	-
Shoreline.io	2024-06-19	100.00M	-
Deci AI	2024-04-25	300.00M	-
Run:AI	2024-04-24	700.00M	-
OmniML	2023-02-01	-	-
Animatico	2022-05-01	-	-
Excelero Storage	2022-03-07	-	-
Bright Computing	2022-01-10	-	-
DeepMap	2021-06-10	-	-
Cumulus Networks	2020-05-04	-	-

Funding Rounds

Announcement Date	Transaction name	Number of investors	Money Raised	Lead Investors
2023-05-09	Grant - NVIDIA	1	5.00M	Grant - NVIDIA
2022-08-09	Post-IPO Equity - NVIDIA	1	65.00M	Post-IPO Equity - NVIDIA
2017-05-24	Post-IPO Equity - NVIDIA	1	4.00B	Post-IPO Equity - NVIDIA
2010-08-09	Grant - NVIDIA	1	25.00M	Grant - NVIDIA
2009-01-01	Post-IPO Debt - NVIDIA	2	-	Post-IPO Debt - NVIDIA
1993-01-01	Seed Round - NVIDIA	1	-	Seed Round - NVIDIA

LITIGATION

- **Cryptocurrency-related Shareholder Lawsuit Reaches Supreme Court:** NVIDIA faces a shareholder class-action lawsuit alleging securities fraud related to cryptocurrency mining revenue. The U.S. Supreme Court has agreed to hear NVIDIA's appeal, with arguments scheduled for November 13, 2024. [\[2\]](#)[\[5\]](#)[\[6\]](#)[\[8\]](#)
- **Authors Sue NVIDIA for AI Copyright Infringement:** NVIDIA is facing a class-action lawsuit filed by authors claiming the company used copyrighted books without permission to train its NeMo AI model. The lawsuit seeks unspecified damages for alleged copyright infringement. [\[4\]](#)[\[7\]](#)[\[10\]](#)[\[12\]](#)[\[13\]](#)[\[15\]](#)
- **Securities Fraud Class Action Proceeds:** NVIDIA is dealing with a securities fraud class action lawsuit alleging the company concealed its reliance on GPU sales to cryptocurrency miners. The U.S. Court of Appeals for the Ninth Circuit allowed the case to proceed to discovery. [\[3\]](#)[\[11\]](#)
- **Multiple Federal Litigation Filings:** NVIDIA is involved in various federal litigation cases, including patent, copyright, trademark, and other statutory actions. These cases are being heard in multiple courts, including Texas Western District Court and California Northern District Court. [\[1\]](#)
- **Past SEC Settlement:** NVIDIA previously agreed to pay a \$5.5 million fine to the U.S. Securities and Exchange Commission to settle charges related to inadequate disclosure of cryptocurrency's effect on its gaming business. [\[6\]](#)[\[8\]](#)

INDUSTRY ANALYSIS

- **Dominant Player in AI and GPU Industry:** NVIDIA leads the market for discrete desktop GPUs with an 80.2% market share, positioning it as a key player in the AI hardware and software industry. [7]
- **Explosive Revenue Growth:** NVIDIA reported record quarterly revenue of \$26.0 billion in Q1 fiscal 2025, up 262% year-over-year, driven by strong demand for AI technologies. [2]
- **Data Center Segment Surge:** NVIDIA's Data Center revenue reached a record \$22.6 billion, up 427% from a year ago, indicating substantial growth in the AI and cloud computing sectors. [2]
- **Strong Future Growth Projections:** Analysts forecast NVIDIA's earnings and revenue to grow by 23.3% and 22.9% per annum respectively, surpassing US market averages. [3][11]
- **Expanding Total Addressable Market (TAM):** NVIDIA's influence stretches across various domains, from video games to AI innovations, indicating a growing TAM in the computing platform industry. [5]
- **Market Capitalization Milestone:** As of August 2024, NVIDIA's market capitalization reached \$2.878 trillion, making it the world's third most valuable company, reflecting strong investor confidence in its future prospects. [16]
- **Industry-Leading Technology Innovation:** NVIDIA's next-generation Blackwell platform and Spectrum-X technologies position the company for its next wave of growth in the AI and high-performance computing industries. [2]

COMPETITORS

- **Major Tech Companies:** Alphabet, Amazon, Meta, and Microsoft are developing their own in-house AI chips, potentially reducing their reliance on NVIDIA's products. ^[1]
- **Traditional Chip Manufacturers:** Intel and AMD are key competitors in the AI chip market, making significant strides to challenge NVIDIA's dominance. ^{[7][8][9]}
- **Emerging Competitors:** Cadence, Arm, and D-Matrix are listed as top competitors to NVIDIA, although specific details about their offerings are not provided. ^[4]
- **AI Chip Startups:** Various startups are entering the AI chip market, aiming to carve out niches and challenge NVIDIA's position, though they are not individually named. ^{[8][9]}
- **Cloud Providers:** Major cloud providers are developing their own AI chips, potentially competing with NVIDIA in specific use cases, although they may struggle to displace NVIDIA in AI training. ^[10]

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