THE WORLD LEADER IN VISUAL COMPUTING
NVIDIA is the world leader in visual computing. The GPU, our invention, serves as the visual cortex of modern computers and is at the heart of our products and services. Our work opens up new universes to explore, enables amazing creativity and discovery, and powers what were once science fiction inventions like artificial intelligence and autonomous cars.
Beginning as a standard PC graphics chip company, NVIDIA has transformed into a specialized platform company that targets four very large markets — Gaming, Enterprise Graphics, Datacenter and Auto — where visual computing is essential and deeply valued. We are singularly focused on the field of visual computing with the ability to deliver our value through PC, mobile and cloud architectures. We are vertically integrated and bring together GPUs, system software, algorithms, systems and services to create unique value for the markets we serve.
At $100 billion, computer gaming is the world’s largest entertainment industry, exceeding Hollywood and professional sports. GeForce® GTX®, our GPU brand for PC gamers, is the world’s largest gaming platform, with 200 million gamers. In conjunction with GeForce Experience™, an application that configures games to run optimally and tunes a PC’s performance continually, GeForce GPUs transform everyday PCs into powerful gaming machines.
The NVIDIA GameWorks™ program — driven by some of the world’s most talented visual effects engineers — delivers expertise, algorithms and tools to game developers big and small. From virtual fire and water to hair and fur, NVIDIA tech makes games more realistic and immersive. GameWorks technologies are consistently featured in blockbuster titles.
SHIELD™, NVIDIA’s first living-room entertainment device, will change the way we enjoy entertainment at home. The best Android TV console, SHIELD is powered by Tegra X1, the most advanced mobile processor. It connects to a world of apps and content in 4K. And it’s bringing amazing games to Android.
NVIDIA GRID™, our cloud gaming service, is to gaming what Netflix is to movies and Spotify is to music. Gamers can instantly stream the latest titles from our powerful cloud-gaming supercomputers. It’s like a game console in the sky. GRID is currently offered on the SHIELD Android TV, tablet and portable devices.
From industrial design to advanced special effects, Quadro® is the preeminent platform for professional artists. NVIDIA Quadro GPUs power ~90% of the world’s workstations and nearly every major design tool uses its tools. For six years running, every film nominated for the Academy Award for Best Visual Effects was made using NVIDIA technology.
For designers who build the products we use every day — from cars to skyscrapers — it’s critical that what they see digitally mirrors reality. This requires simulating the physical behavior of light and materials, or “physically based rendering,” an emerging trend in professional design. With our latest Iray® and DesignWorks™ technologies, we’re bringing this capability to millions of designers.
We have long been the standard enterprise workstation platform for digital designers and artists. With NVIDIA GRID™ vGPU™, we’ve virtualized graphics so that hundreds of millions of enterprise workers who use design tools can benefit from the flexibility, security and simplicity of the cloud. Today, all of the leading enterprise server and virtualization companies offer GRID vGPU-enabled products.
Scientists and researchers tap into the parallel processing capabilities of Tesla® GPUs to do groundbreaking work in areas as diverse as earthquake research and cancer vaccination. GPU computing is taught in nearly 800 universities. The U.S. Department of Energy recently selected NVIDIA to power what are expected to be the world’s fastest supercomputers when they come online at Oak Ridge and Lawrence Livermore National Labs.
Tesla GPUs have been broadly adopted in deep learning, a field of artificial intelligence that uses the massive amounts of data unleashed by the internet to teach computers to learn for themselves and perform seemingly magical tasks.

Recent improvements in algorithms and NVIDIA GPUs capable of processing this torrent of data have enabled computers to recognize images, text and speech on their own — in some cases better than humans.

The world’s largest and most innovative companies — including Adobe, Alibaba, Baidu, Facebook, Google and Microsoft — are deploying deep learning across a variety of applications.
Researchers using Tesla GPUs are solving the world’s great scientific and technical challenges. Using a supercomputer powered by 3,000 Tesla processors, University of Illinois scientists achieved a breakthrough in HIV research. Another research team from Baylor, Rice, MIT, Harvard and the Broad Institute used GPUs to map how the human genome folds within the nucleus of a cell.

These and other advances in science have been highlighted in top journals and are regularly showcased at GTC, our annual developers conference, where the best and brightest minds in GPU computing come together to share their work.
SHIELD, NVIDIA's first living-room entertainment device, pulls together a number of fundamental inventions into a sleek device that will change the way we enjoy entertainment at home. The world's first 4K Android TV console, it delivers video, music, apps and amazing games. SHIELD can also connect to our GRID game-streaming service, dubbed "a Netflix for games." With GRID, gamers can connect to a GeForce GTX supercomputer in the cloud to click and play AAA titles in a minute.

Tomorrow’s cars will have tens of millions of pixels across many displays. NVIDIA processors power the digital cockpits and infotainment systems of some of the world’s most innovative cars, including models from Audi, BMW, Honda, Lamborghini, Tesla and VW. There are over 8 million cars with NVIDIA processors on the road today, and 25 million more coming.
Visual computing and AI will make future cars safer and delightful to drive. At the same time, Uber-like services with driverless shuttles will revolutionize transportation. Nearly every car company in the world is developing autonomous driving platforms, which are processing intensive and require powerful GPUs. NVIDIA DRIVE PX™, the most advanced autonomous car platform, fuses data from 12 cameras, as well as LIDAR, radar, ultrasonic sensors.
The people of NVIDIA share a passion for community service. Our philanthropic giving this year totaled $4.8 million. Project Inspire, which brings together our people to transform their local communities, continues to gain momentum. Over the course of the year, employees contributed more than 15,500 volunteer hours. Many chose to support education programs that, in total, benefited more than 67,000 children.
“The ‘G’ (graphics) label for NVIDIA’s main product is becoming an anachronism. Instead, NVIDIA’s hardware, software and engineering output are manifested in algorithms and APIs, not circuits and interconnects. GPUs are a disruptive technology for databases, business analytics and robotics that will allow unknown startups like those in the GTC Emerging Companies Summit and giant corporations like IBM and Baidu to reshape markets.”

—Forbes
Founded in 1993

Jen-Hsun Huang is co-founder and CEO

Listed with NASDAQ under the symbol NVDA in 1999

Invented the GPU in 1999 and has shipped more than 1 billion to date

FY15: $4.68 billion in revenue

9,100 employees worldwide

7,300 patent assets

Headquartered in Santa Clara, Calif.