



NVIDIA DGX Platform

The best of NVIDIA AI—all in one place.



Firms that plan to adopt next-generation AI are 2.6X more likely to increase revenue by 10% or more.¹

The capabilities of AI is rapidly accelerating, from recommender systems that understand customer behavior and create tailored experiences to smarter chatbots that provide contextual conversations. Organizations need a full-stack technology solution that can enable them to handle the latest advances of large language models and generative AI and scale innovation across their organization. With the DGX platform, every organization can now aspire to create cutting edge breakthroughs using AI, while remaining efficient and agile, even in unprecedented times.

NVIDIA DGX Platform: The Proven Standard for Enterprise AI

Built from the ground up for enterprise AI, the NVIDIA DGX platform incorporates the best of NVIDIA software, infrastructure, and expertise in a modern, unified AI development and training solution. Every aspect of the DGX platform is infused with NVIDIA AI expertise, featuring world-class software, record-breaking NVIDIA-accelerated infrastructure in clouds or on-premises, and direct access to NVIDIA DGXperts to speed the ROI of AI for every enterprise.

The Leading Platform for AI Development

AI software and systems that seamlessly spans from cloud to on-premises data centers.

The NVIDIA DGX platform integrates AI software and purpose-built hardware in a comprehensive solution for AI development. The only true hybrid AI platform, DGX offers a consistent user experience for developers and allows organizations to run workloads in the cloud with NVIDIA DGX Cloud, on-premises with NVIDIA DGX systems, or both, all from the same single-pane-of-glass workspace. NVIDIA Base Command is the software engine of the DGX platform, enabling hybrid architectures and bringing together optimizations across the entire stack to provide integrated workflow and systems management, while the included NVIDIA AI Enterprise software suite provides a large library of optimized software to unlock developer productivity.

Thousands of Leading Companies Deploy the NVIDIA DGX Platform

8 of The Top 10
Global Telcos

7 of The Top 10
US Hospitals

6 of The Top 10
US Banks

7 of The Top 10
Global Car Manufacturers

9 of The Top 10
Global Universities

10 of The Top 10
US Government Institutions

7 of The Top 10
Consumer Internet Companies

10 of The Top 10
Global Aerospace and Defense Companies

¹ Accenture Research. [Breakthrough Innovation: Is your organization equipped for breakthrough innovation?](#) WEF 2023

Infused with NVIDIA AI Expertise

When you buy DGX, you get NVIDIA.

Every element in the DGX platform, from the engineering wonders within NVIDIA DGX H100 to the graphical user interface and APIs for managing workloads in NVIDIA Base Command Platform, is infused with the AI expertise of NVIDIA. Our researchers have achieved AI breakthroughs using this platform for years, and have completed millions of training runs with it. This vast institutional knowledge is incorporated directly into the design and evolution of the DGX platform, meaning the software tools and accelerated compute infrastructure you use today delivers the best of NVIDIA innovation, and will keep getting better over time. Additionally, every DGX customer gets direct access to NVIDIA DGXperts to offer prescriptive guidance and help fast-track AI transformation.

Unprecedented Performance, Predictable Cost

Energy-efficient accelerated computing that fits the way you do business.

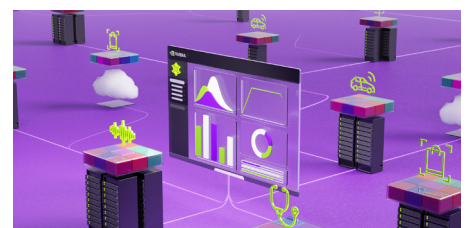
Since the introduction of NVIDIA DGX systems in 2016, DGX has represented the pinnacle of AI performance, with numerous record breaking achievements in supercomputer performance and energy efficiency. With a platform experience that now transcends clouds and data centers, organizations can experience leading-edge DGX performance using integrated development and workflow management software that seamlessly blends cloud and on-premises into a consolidated interface. And no matter what deployment model you choose, the DGX platform provides an easy-to-understand, predictable cost model for AI development infrastructure.

AI Software for Your Hybrid Cloud

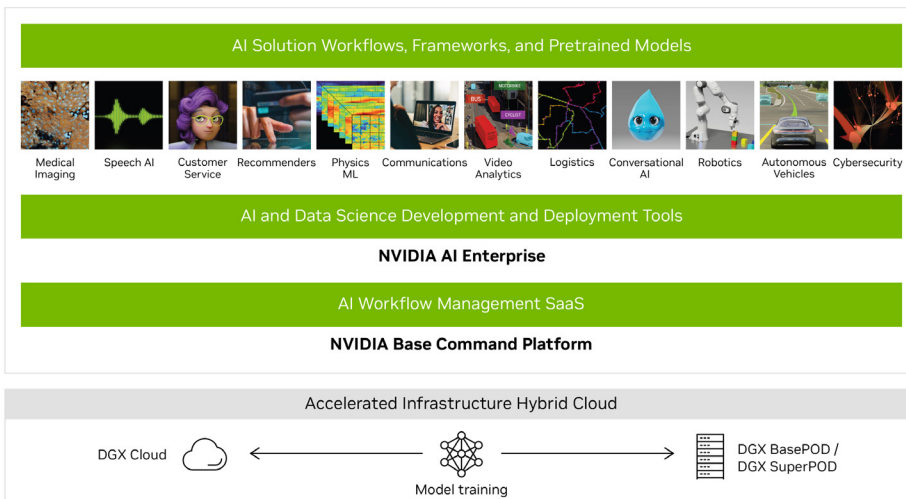
- > **NVIDIA DGX Cloud:** NVIDIA DGX™ Cloud is the world's first AI supercomputer in the cloud, a multi-node AI-training-as-a-service solution designed for the unique demands of enterprise AI. With combined software and infrastructure for AI training, DGX Cloud provides a full-stack AI developer suite, leadership-class infrastructure, and concierge support, allowing businesses to get started immediately on AI innovation, with predictable, all-in-one pricing.
- > **NVIDIA Base Command Platform:** NVIDIA Base Command™ Platform is a software service for enterprise-class AI training that enables businesses and their data scientists to accelerate AI development. Base Command Platform provides centralized, hybrid control of AI training projects across DGX Cloud and NVIDIA DGX SuperPOD.
- > **NVIDIA Base Command:** NVIDIA Base Command powers the DGX platform, enabling organizations to leverage the best of NVIDIA software innovation. Enterprises can unleash the full potential of their DGX infrastructure with proven software that includes enterprise-grade orchestration and cluster management, libraries that accelerate compute, storage and network infrastructure, and an operating system optimized for AI workloads. Additionally, DGX infrastructure includes NVIDIA AI Enterprise, offering a suite of software optimized to streamline AI development and deployment.



NVIDIA DGX Cloud is a multi-node AI-training-as-a-service solution with integrated DGX infrastructure.



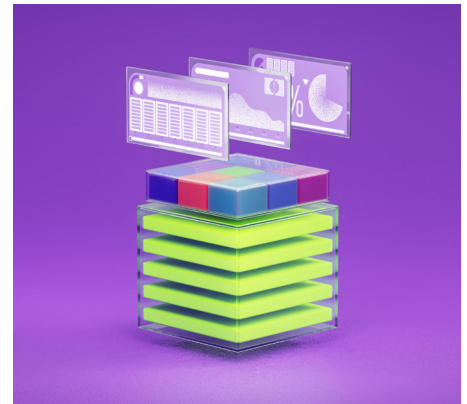
NVIDIA Base Command Platform enables dataset management and workflow orchestration across environments.



NVIDIA DGX Cloud's AI software stack built on NVIDIA AI Enterprise and NVIDIA Base Command Platform

AI Clusters and Systems

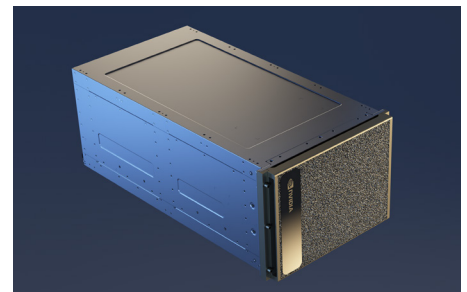
- > **NVIDIA DGX SuperPOD:** NVIDIA DGX SuperPOD is AI data center infrastructure that enables IT to deliver performance—without compromise—for every user and workload. As part of the NVIDIA DGX platform, DGX SuperPOD supports hybrid deployments and offers leadership-class accelerated infrastructure and scalable performance for the most challenging AI workloads, with industry-proven results.
- > **NVIDIA DGX BasePOD:** AI is powering mission-critical use cases in every industry—from healthcare to manufacturing to financial services. As part of the NVIDIA DGX™ platform, NVIDIA DGX BasePOD™ provides the critical foundation on which business transformation is realized and AI applications are born.
- > **NVIDIA DGX H100:** NVIDIA DGX™ H100 is an AI powerhouse that lets enterprises expand the frontiers of business innovation and optimization. The latest iteration of NVIDIA's legendary DGX systems and the foundation of NVIDIA DGX SuperPOD™, DGX H100 is powered by the groundbreaking NVIDIA H100 Tensor Core GPU.
- > **NVIDIA DGX A100:** Part of the NVIDIA DGX™ platform, NVIDIA DGX A100 is the universal system for all AI workloads, offering unprecedented compute density, performance, and flexibility in the world's first 5 petaFLOPS AI system. Featuring the NVIDIA A100 Tensor Core GPU, DGX A100 enables enterprises to consolidate training, inference, and analytics into a unified, easy-to-deploy AI infrastructure that includes direct access to NVIDIA AI experts.



NVIDIA Base Command is the operating system of the accelerated data center, powering the DGX platform.



NVIDIA DGX SuperPOD is full-cycle, industry-leading infrastructure for the fastest path to AI innovation at scale.



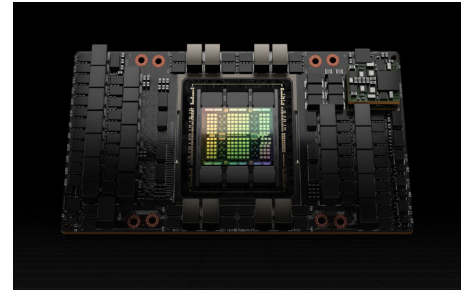
NVIDIA DGX H100 is the latest iteration of NVIDIA DGX systems, providing a highly systemized and scalable platform to solve the biggest challenges with AI.

Towards an AI Center of Excellence

With the growth in AI and its use in day-to-day operations by companies, many are now starting to recognize the importance of developing AI Centers of Excellence (CoE). With the DGX platform, companies can leverage DGX Cloud to create their AI CoE and get immediate access to world-class AI infrastructure for development and training. Or they can choose to deploy DGX SuperPOD, DGX BasePOD, or individual DGX H100 or DGX A100 systems in their own data center, or choose from a variety of managed service providers, colocation options, or AI consulting partners. Additionally, they can create a hybrid cloud CoE by combining multiple DGX infrastructure options—in the cloud, across multiple clouds, and on-premises—all tied together with a single pane of glass view delivered by NVIDIA Base Command Platform software, all backed by NVIDIA.

Trusted AI Experts for the Most Challenging Problems

More than a software or servers, DGX is a complete hardware and software platform backed by thousands of AI experts at NVIDIA. Leveraging the DGX platform gives you direct access to NVIDIA DGXperts, a global team of AI-fluent practitioners that offer prescriptive guidance and design expertise to help fast-track AI transformation. This ensures mission-critical applications get up and running quickly and stay running smoothly, dramatically improving time to insights.



NVIDIA H100 Tensor Core GPU securely accelerates workloads, from enterprise to exascale high-performance computing (HPC) and trillion-parameter AI.

Ready to Get Started?

To learn more about the NVIDIA DGX platform visit:

nvidia.com/dgx

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