

SIE



nVIDIA®

HPC + Artificial Intelligence to help
overcome real life challenges:

HOW NVIDIA ENGAGES IN DIFFERENT INDUSTRIES

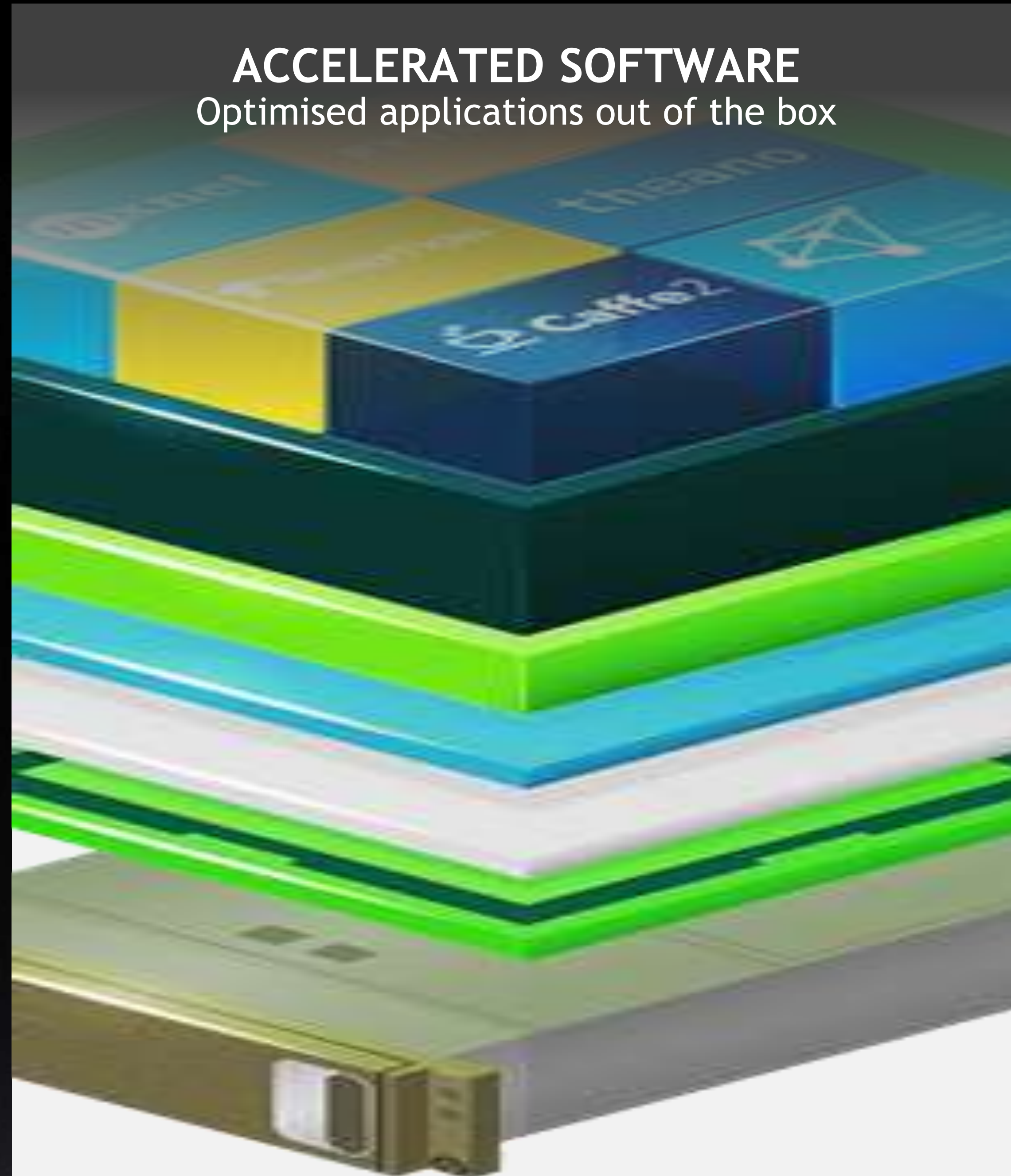
HPC +AI INFRASTRUCTURE

Designing for customer use-cases



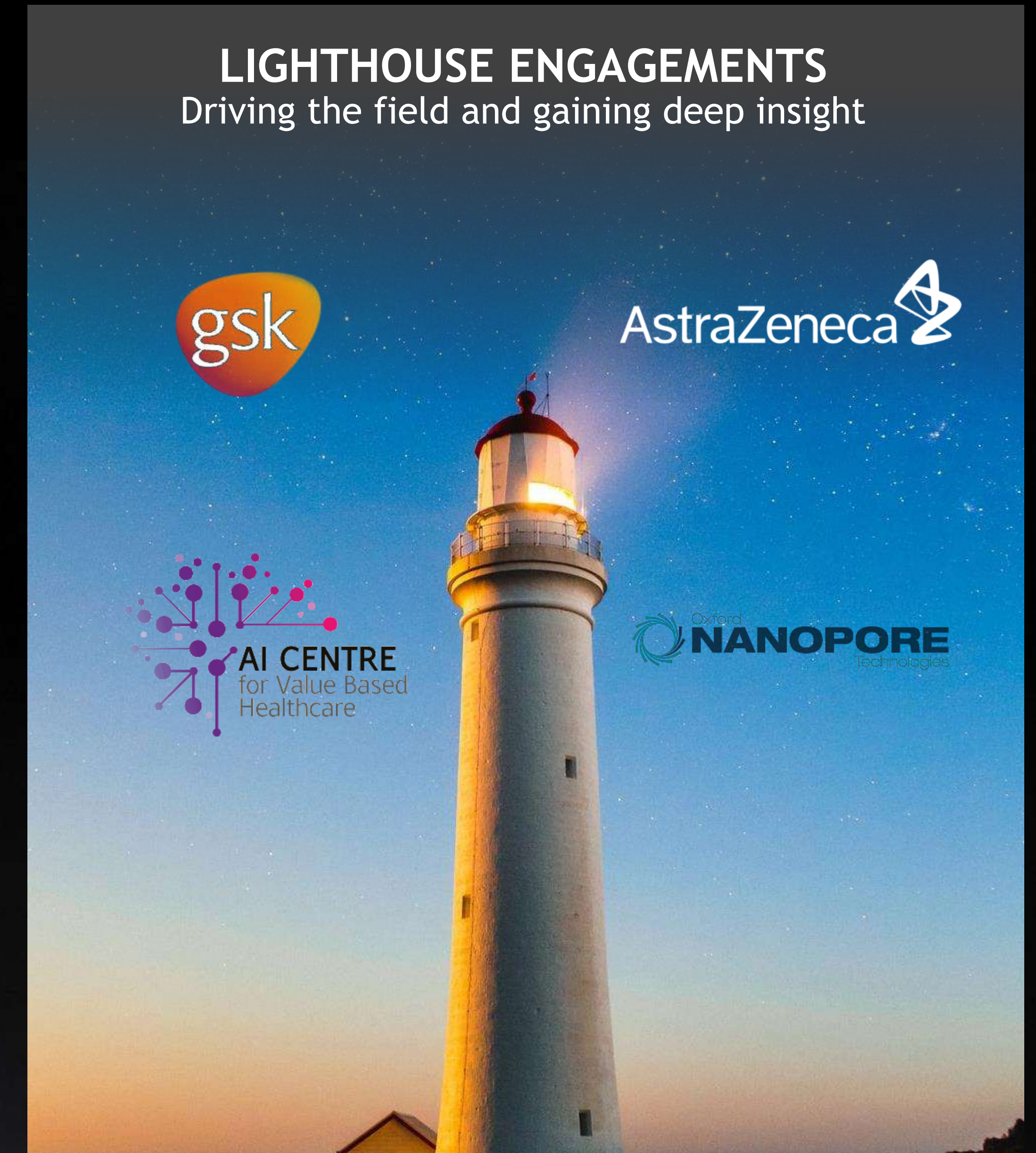
ACCELERATED SOFTWARE

Optimised applications out of the box



LIGHTHOUSE ENGAGEMENTS

Driving the field and gaining deep insight



HPC Across Industries

NVIDIA GPUs are optimizing over 700 applications across a broad range of industries and domains. See how GPU technology is tackling complex problems and transforming the global research community.



Supercomputing

Exploring supernova explosions. Mapping the Earth's interior. Predicting hurricanes. NVIDIA is powering the world's fastest supercomputers and HPC systems, giving researchers the power they need to simulate and predict our world.

[Learn More >](#)



Healthcare & Life Sciences

Discovering drugs. Uncovering genetic mutations. Analyzing images. NVIDIA is equipping the world's leading healthcare institutions with advanced tools to accelerate precision medicine and build next-generation clinics.

[Learn More >](#)



Energy

Producing energy. Refining and distributing oil. Reducing environmental impact. NVIDIA technologies are impacting world economies by fueling innovation in energy and enhancing individual ways of life.

[Learn More >](#)



Public Sector

Cybersecurity. Disaster response. Humanitarian assistance. NVIDIA is building the technology for our world that will make communities safer and more connected everywhere.

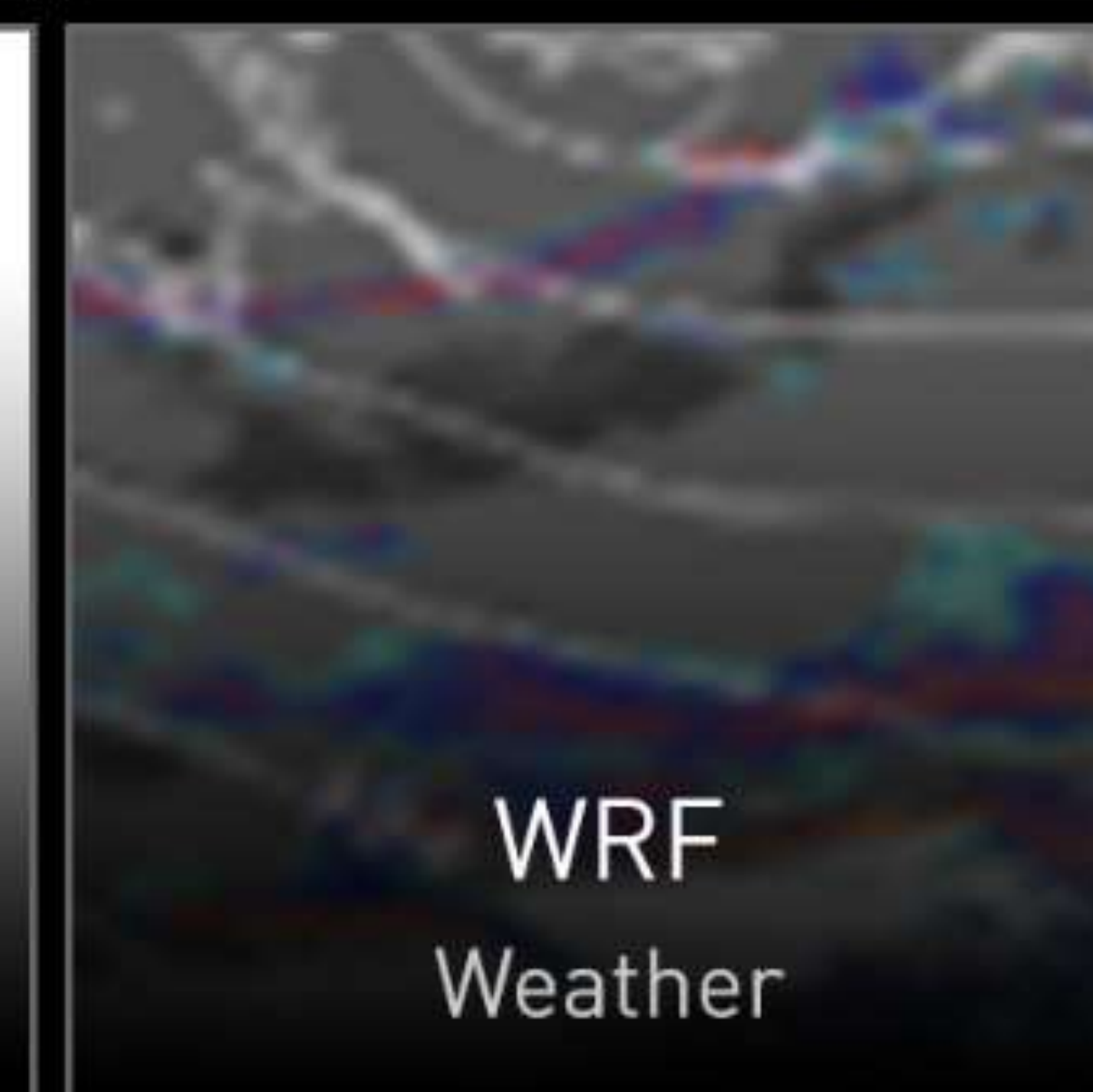
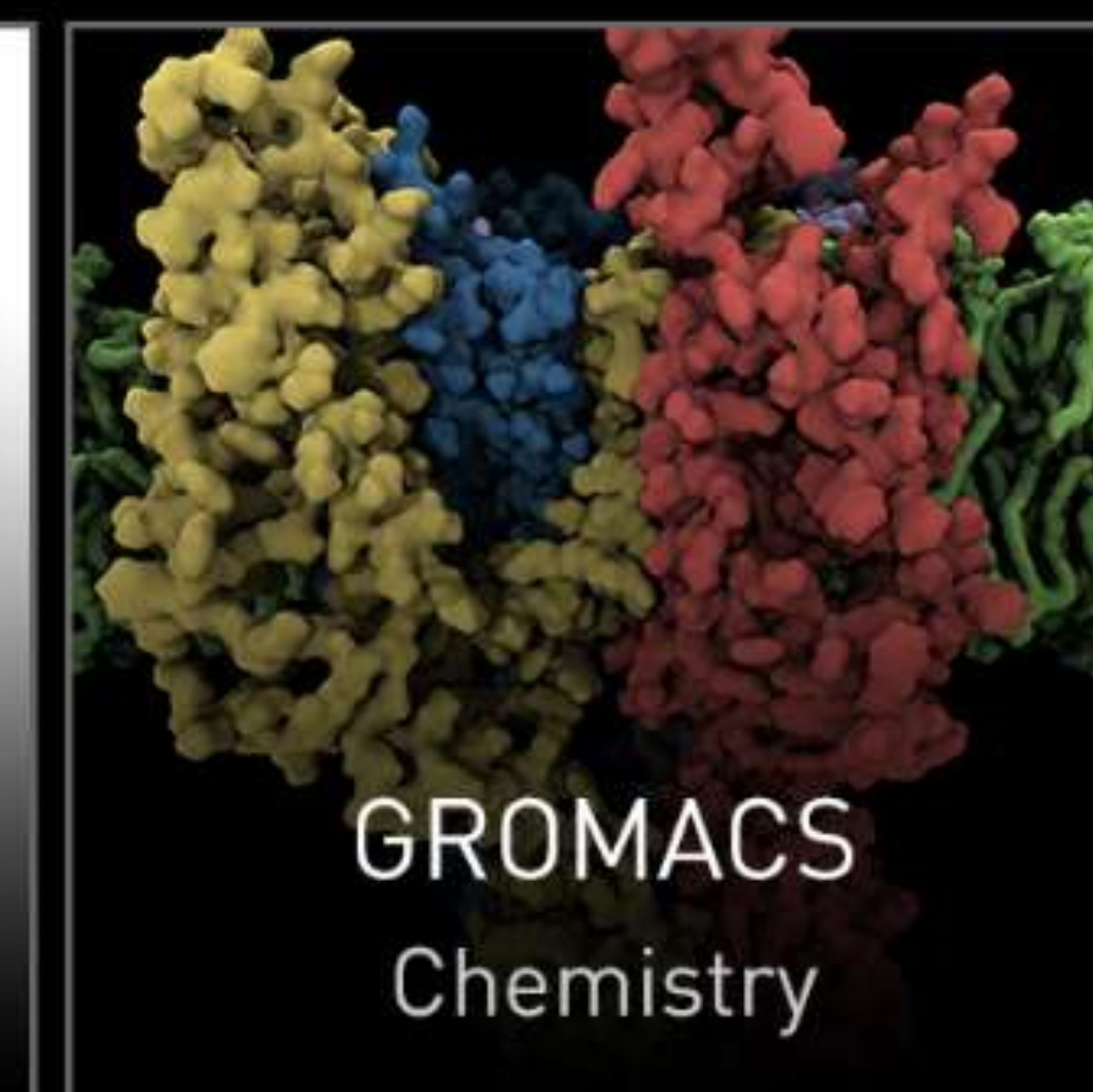
[Learn More >](#)

Run GPU-Accelerated Apps

From weather prediction and materials science to wind tunnel simulation and genomics, NVIDIA GPU-accelerated computing is at the heart of HPC's most promising areas of discovery.

The NVIDIA CUDA® programming model is the platform of choice for high-performance application developers, with support for more than **700 GPU-accelerated applications**—including the top 15 HPC applications developers. Many of the top HPC applications are made available as pre-configured, containerized software on NGC.

- ① [See HPC Application Performance](#)
- ① [Explore HPC Software](#)
- ① [Explore Containers Available in NGC](#)



Classical HPC Modelling accelerated computing performance improvement,...



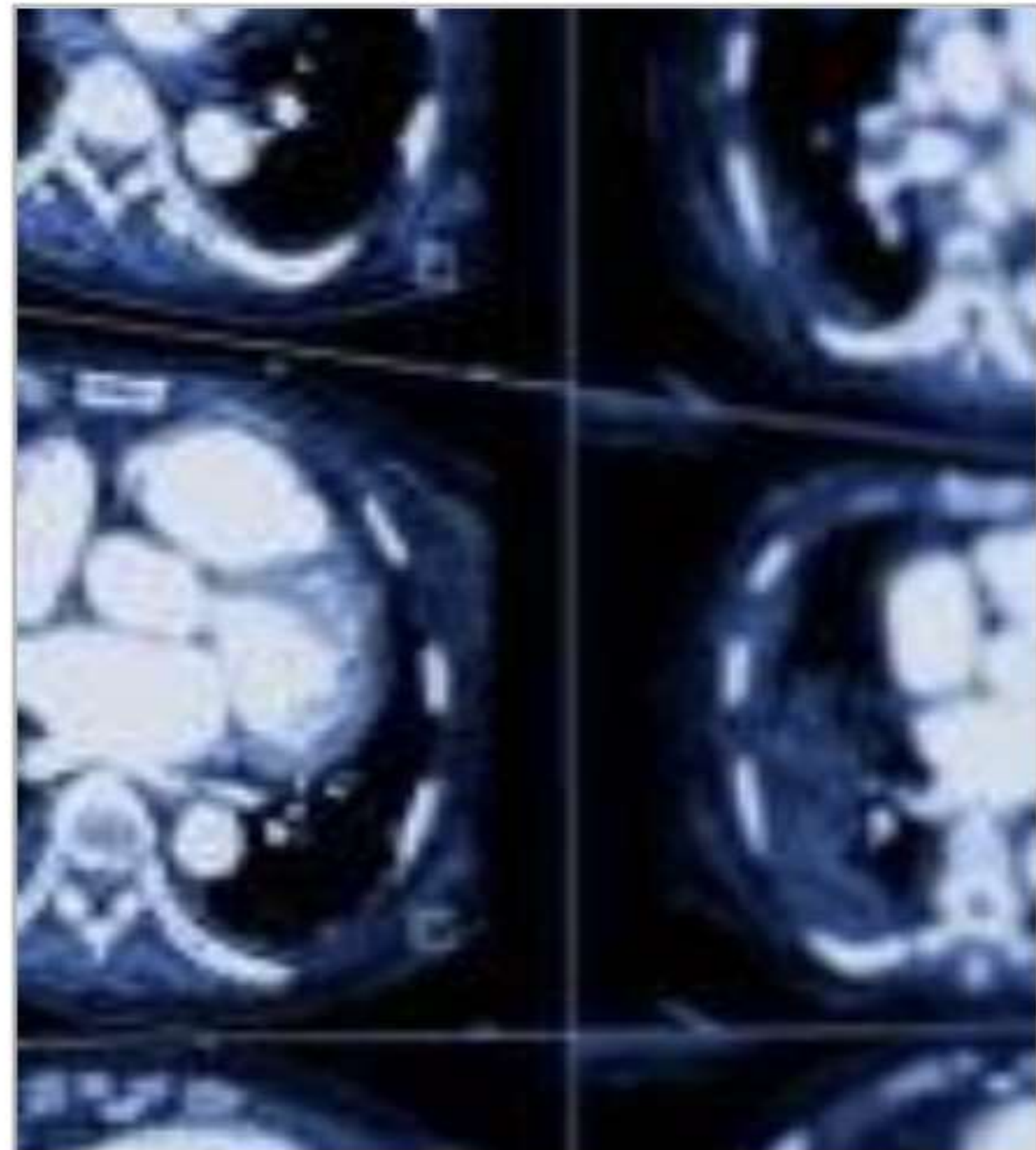
Classical HPC Modelling accelerated computing is great but,...

DEEP LEARNING IS SWEEPING ACROSS INDUSTRIES



Internet Services

Image/Video Classification
Speech Recognition
Natural Language Processing



Medicine

Cancer Cell Detection,
Diabetic Grading,
Drug Discovery



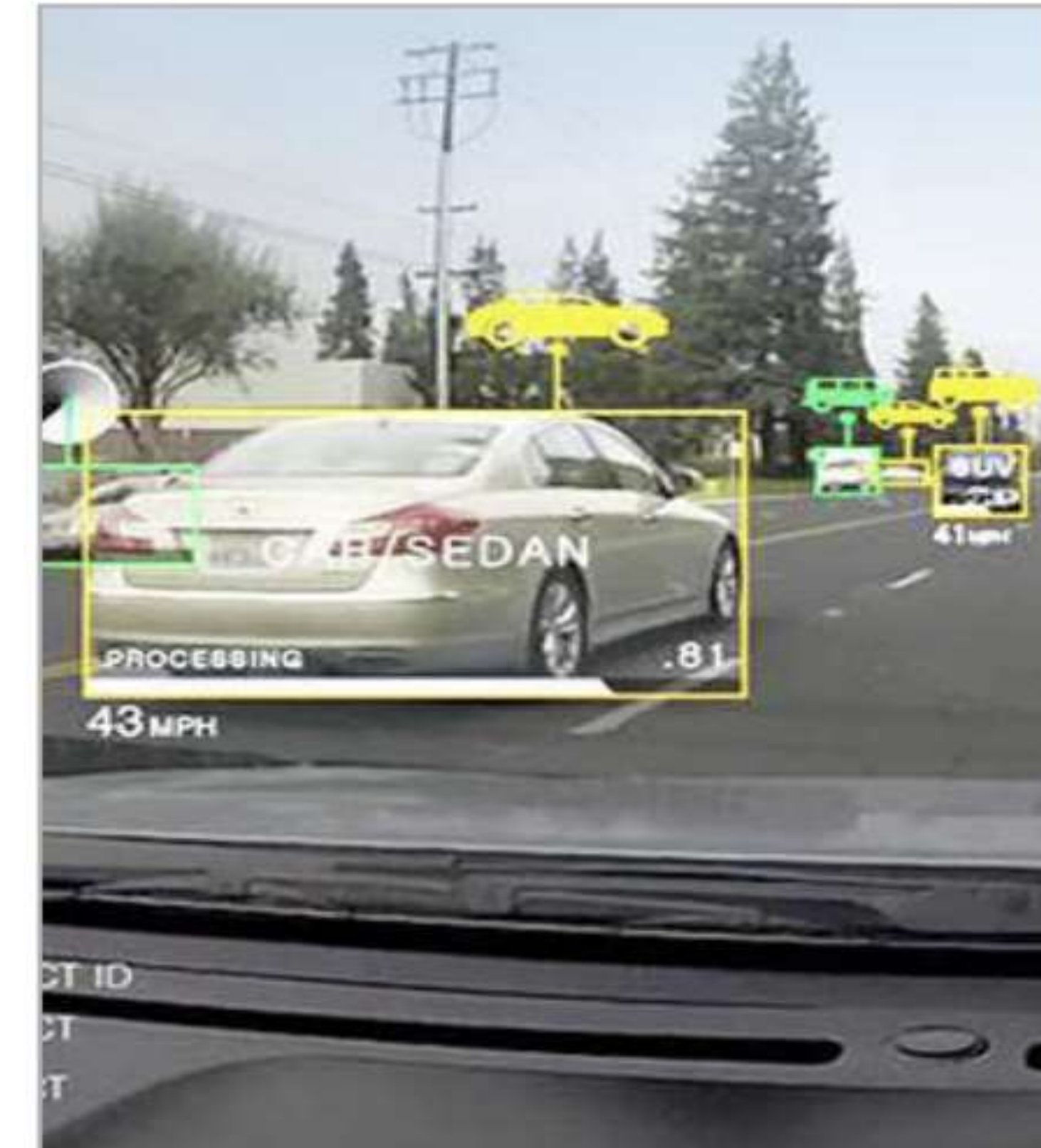
Media & Entertainment

Video Captioning
Content Based Search
Real Time Translation



Security & Defense

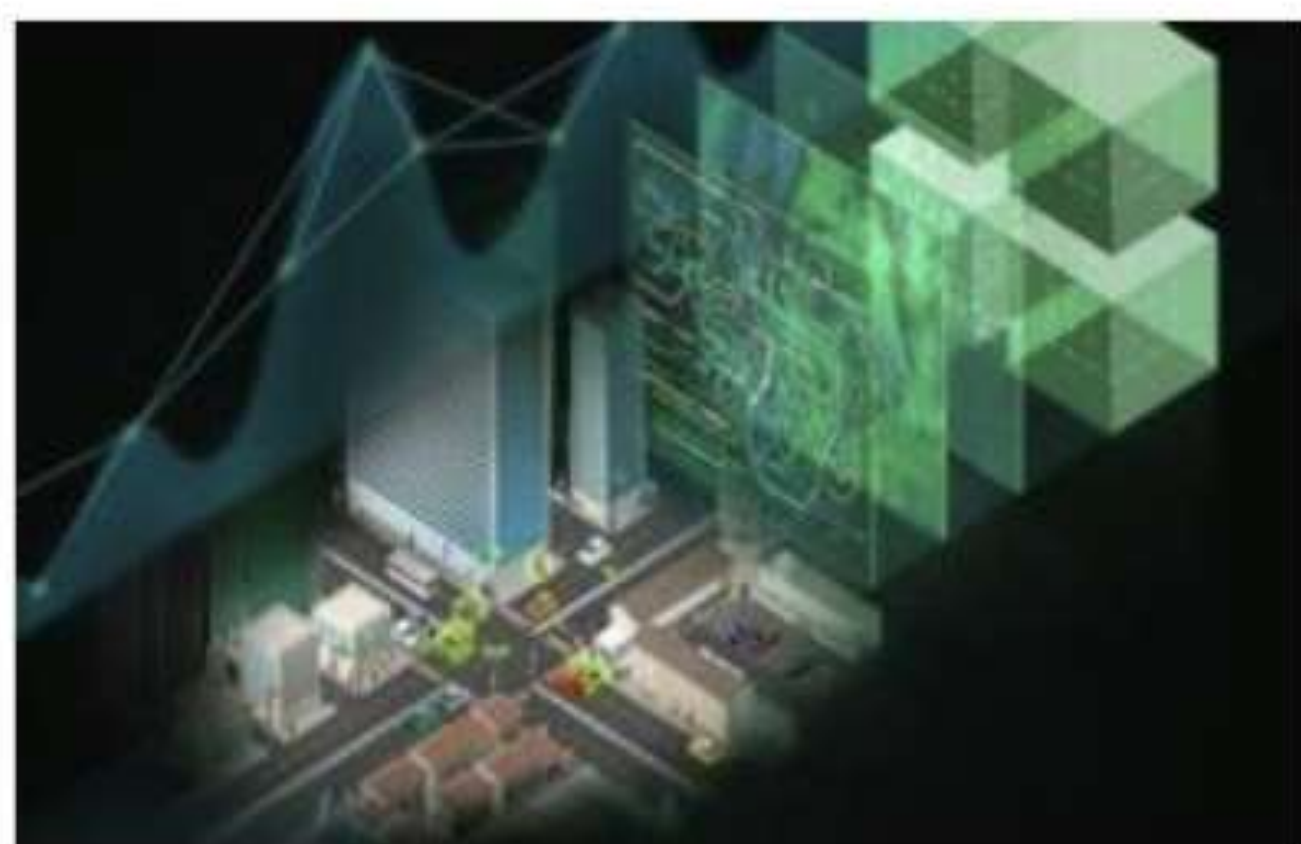
Face Recognition
Video Surveillance
Cyber Security



Autonomous Machines

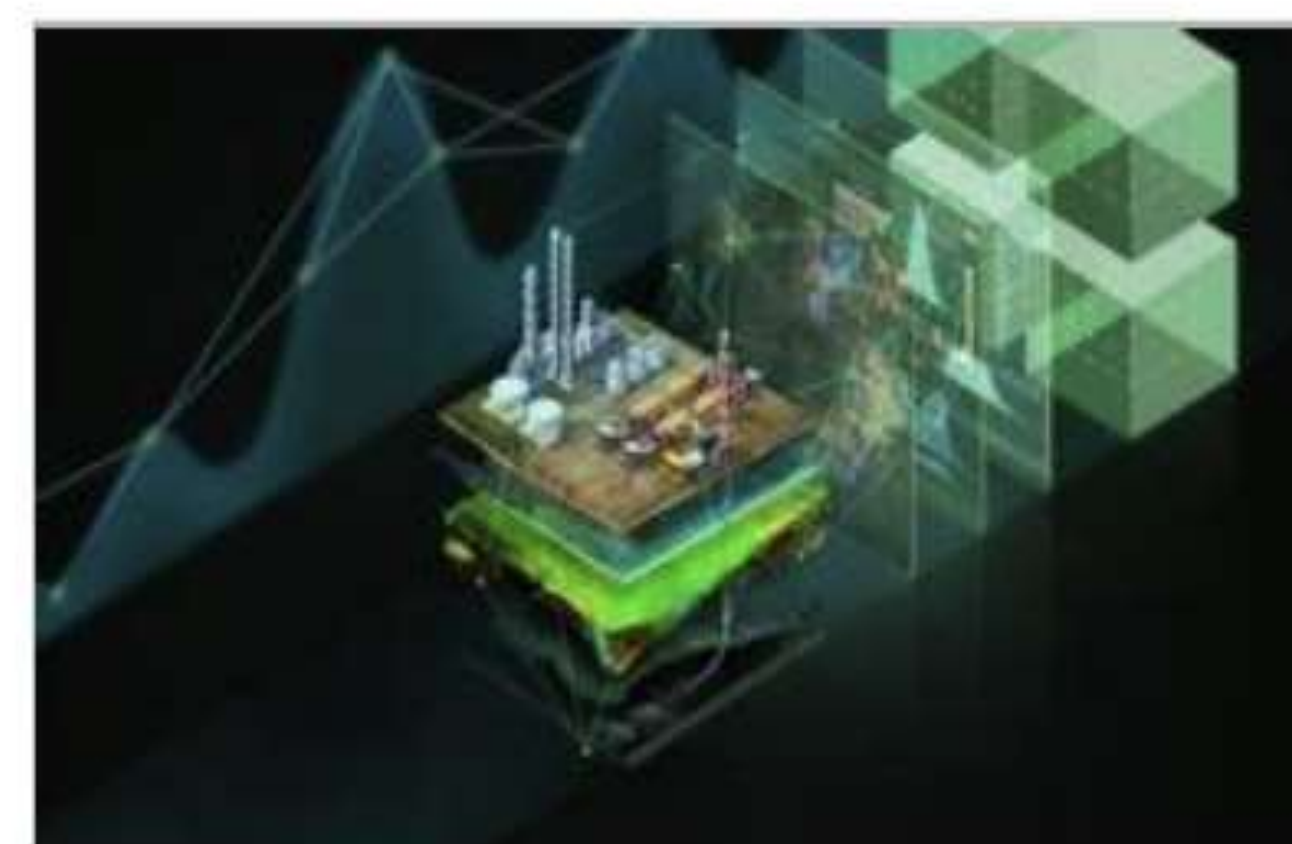
Pedestrian Detection
Lane Tracking
Recognize Traffic Signs

Use Cases in Every Industry



CONSUMER INTERNET

Ad Personalization
Click Through Rate Optimization
Churn Reduction



OIL & GAS

Sensor Data Tag Mapping
Anomaly Detection
Robust Fault Prediction



FINANCIAL SERVICES

Claim Fraud
Customer Service Chatbots/Routing
Risk Evaluation



MANUFACTURING

Remaining Useful Life Estimation
Failure Prediction
Demand Forecasting



HEALTHCARE

Improve Clinical Care
Drive Operational Efficiency
Speed Up Drug Discovery



TELECOM

Detect Network/Security Anomalies
Forecasting Network Performance
Network Resource Optimization (SON)



RETAIL

Supply Chain & Inventory Management
Price Management / Markdown Optimization
Promotion Prioritization And Ad Targeting

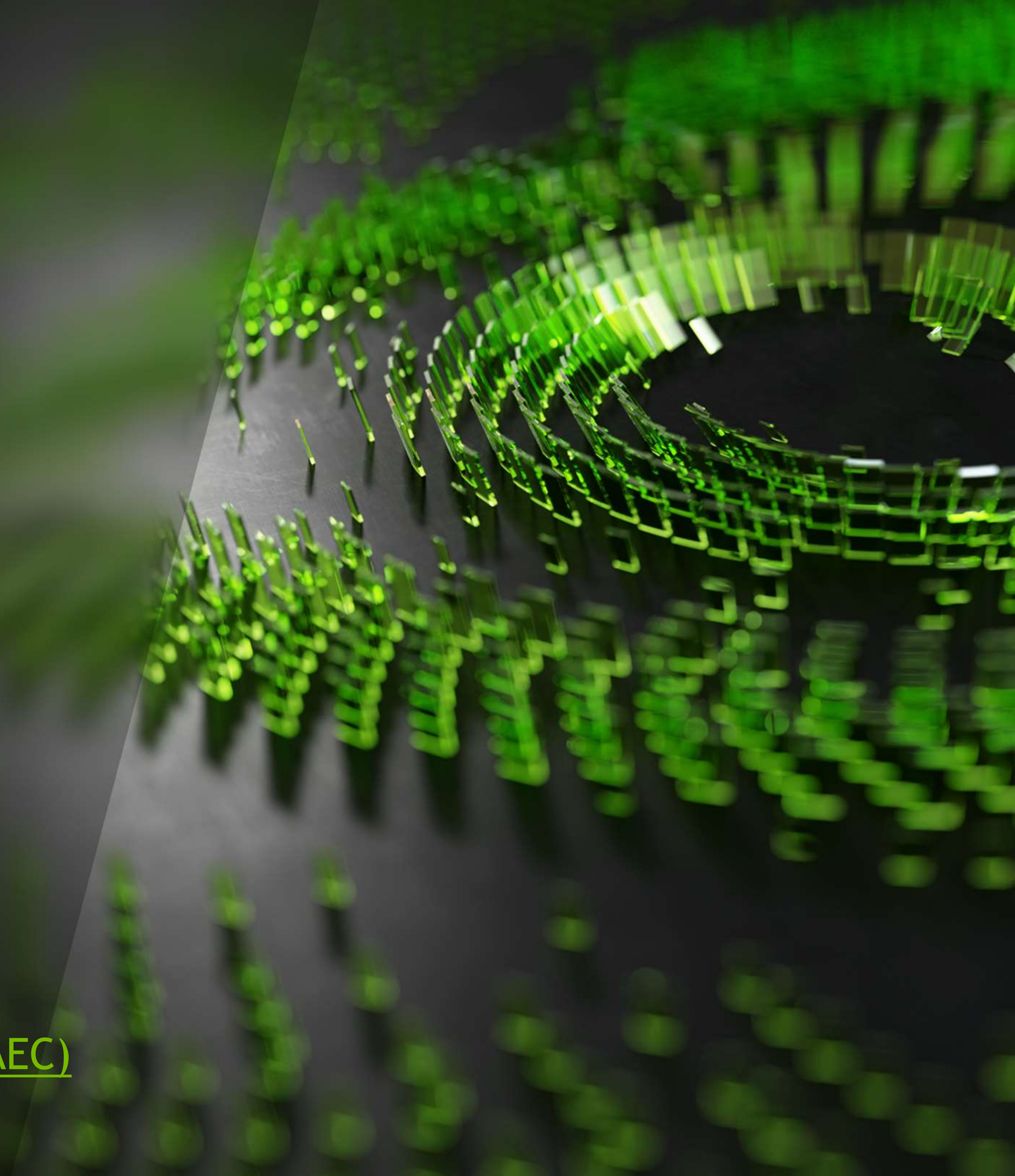


AUTOMOTIVE

Personalization & Intelligent Customer Interactions
Connected Vehicle Predictive Maintenance
Forecasting, Demand, & Capacity Planning


Key NVIDIA AI use cases for:

- Automotive
- Financial Services (FSI)
- Energy: Oil & Gas / Utilities
- Healthcare
- Higher Education & Research (HER)
- Manufacturing
- Manufacturing Product Development
- Media and Entertainment
- Retail
- Telecommunications (Telco)
- Architecture, Engineering and Construction (AEC)
- HR and Education




ACCELERATING AI & HPC TO TRANSFORM AUTOMOTIVE

AV Development & Testing




NVIDIA AV Mercedes-Benz and NVIDIA SW Defined Cars

Simulation




AV Testing during COVID pandemic

Mobility-as-a-Service




Hail Vexhi! Robots will Change the Way We Move

Manufacturing & Robotics




BMW Group selects NVIDIA to redefine factory logistics

Enhanced Design Productivity




VDI-vGPU for Automotive

Virtual Vehicle Configurators




NVIDIA Corvette Configurator Demo

Recommenders/Conversational AI



NVIDIA DRIVE IX Conversational AI DL Recommenders


Enterprise AI & Data Science




AI - Automotive's New Value-Creating Engine

ACCELERATING DIGITAL TRANSFORMATION IN FSI


AI/ML Optimizes Performance and Outcomes




Default Prediction




Fraud Detection




Virtualization (WFH)




Digital Payments



Recommendations




Customer Service




Algorithmic Trading

AI USE CASES IN OIL AND GAS


Oil and Gas



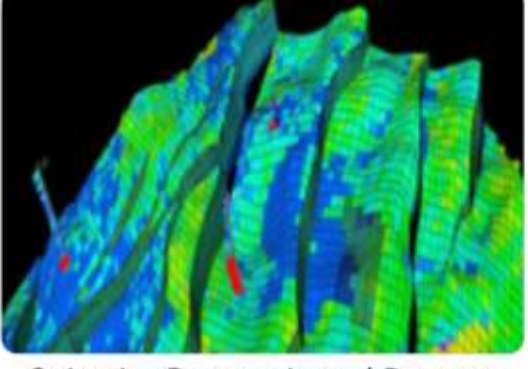
Health, Safety, Environment (HSE/SHE)



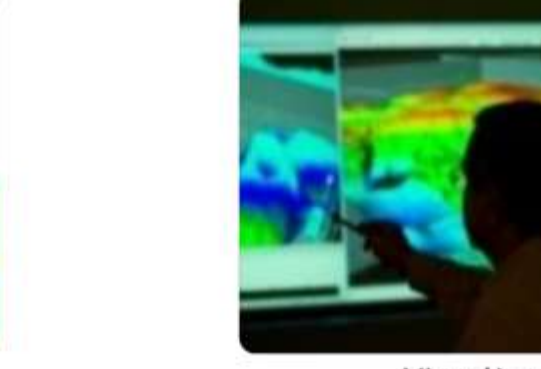
Predictive Equipment Health Reliability




Automated Visual Health Inspection



Seismic, Reservoir and Process Simulation



Visualization



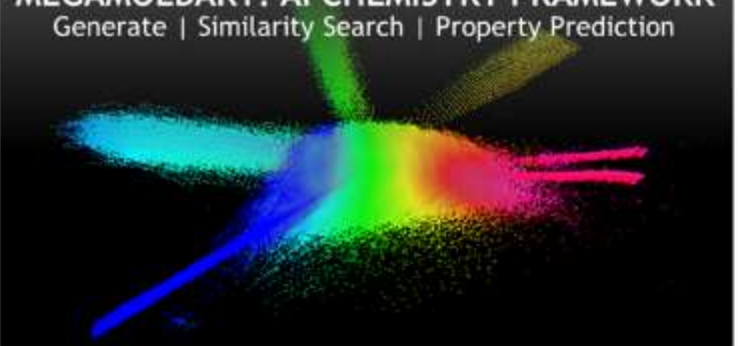
Data Science Team Unstructured Data Mining, Chatbots...

NVIDIA HAS SOLUTIONS FOR THE ENTIRE HEALTHCARE PATHWAY

AI Models & Frameworks | Accelerated Applications & Libraries


MEGAMOLBART: AI CHEMISTRY FRAMEWORK

Generate | Similarity Search | Property Prediction




MONAI: AI IMAGING FRAMEWORK

Radiology | Pathology | Microscopy



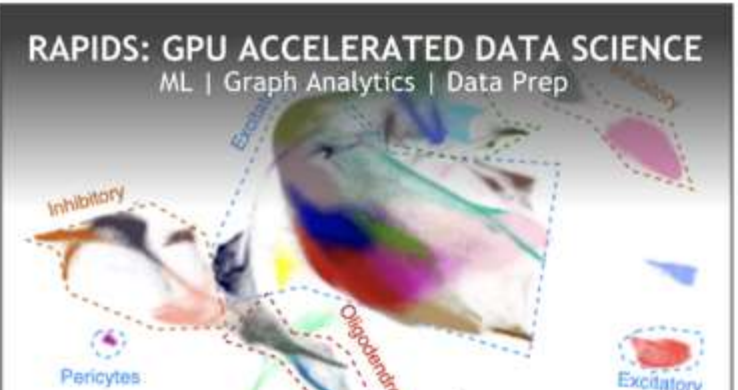
NEMO: BIO & CLINICAL NLP FRAMEWORK

State-of-the-Art NLP Models



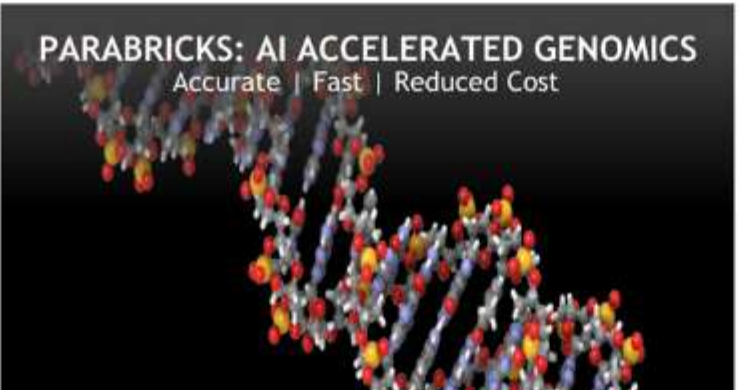
RAPIDS: GPU ACCELERATED DATA SCIENCE

ML | Graph Analytics | Data Prep



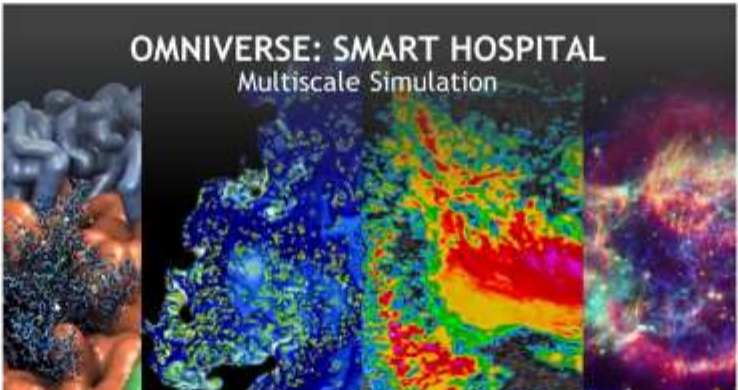
PARABRICKS: AI ACCELERATED GENOMICS

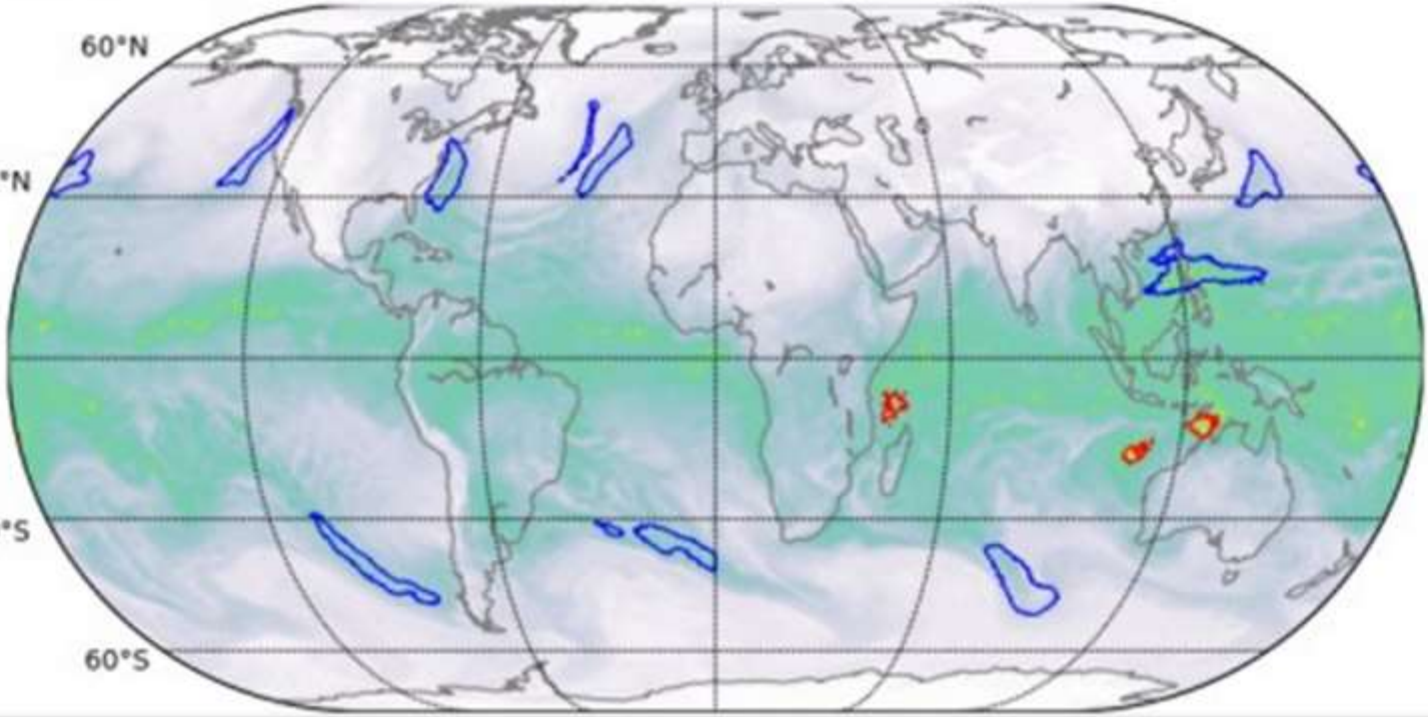
Accurate | Fast | Reduced Cost



OMNIVERSE: SMART HOSPITAL

Multiscale Simulation





EXASCALE AI FOR CLIMATE PREDICTION

The ability to accurately predict the path of extreme weather systems can save lives and safeguard global economies.

Researchers at Lawrence Berkeley National Laboratory used a climate dataset on the Summit supercomputer with NVIDIA Tensor Core GPUs to train a deep neural network to identify extreme weather patterns from high-resolution climate simulations.


The team achieved a performance of 1.13 exaflops — the fastest deep learning algorithm reported.




Pictured: high-quality segmentation results produced by deep learning on climate datasets. Image credit: NERSC

MANUFACTURING OVERVIEW


SEGMENTS




Industrial Machinery




Aerospace




Medical



Consumer




Transportation

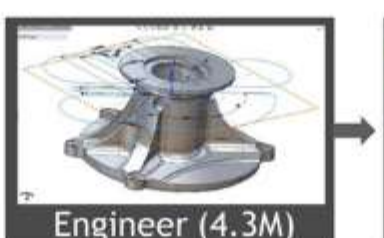


Building Products

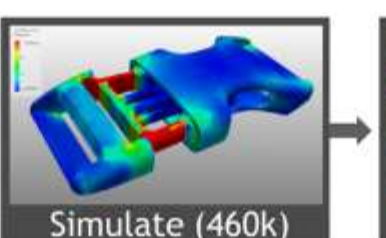
PROCESS & USER TAM




Design (200k)




Engineer (4.3M)




Simulate (460k)



Fabricate (1.4M)




Sell (100k)




Maintain (570k)

Collaborate + Manage (9.5M)


USE CASES




VISUALIZATION



vGPU for Engineering




SIMULATION




RETAIL CONFIGURATION


RTX POWERED




SOLIDWORKS VISUALIZE




AUTODESK VRED




KeyShot




ALTAIR



ANSYS



creo live powered by NVIDIA RTX



CATIA

SIEMENS NX

NVIDIA AI ENTERPRISE IN MEDIA AND ENTERTAINMENT



EDITORS



REMOTE WORK / COLLABORATION



ARTIFICIAL INTELLIGENCE

POWERING RETAIL IN THESE CHALLENGING TIMES

Top 3 Segments of AI Use Cases in Retail

Customer Engagement

Operational Agility

Seamless Omnichannel

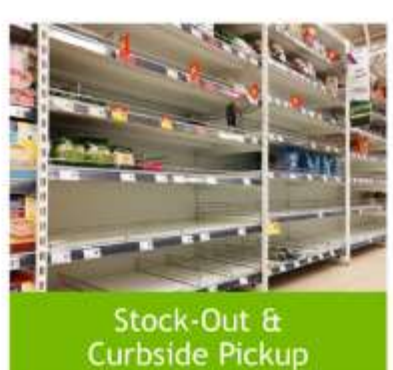
\$26T Global Retail Sales

2% Avg Net Profit Margin


3X Increase in Profit with AI*

\$1T Increase in Annual Profit

INTELLIGENT STORES/QSRS




Stock-Out & Curbside Pickup




Asset Protection & Frictionless Shopping

OMNI-CHANNEL MGMT




E-comm Recommenders & Conversational AI

INTELLIGENT SUPPLY CHAIN




Forecasting




Intra-Logistics and Last Mile Delivery

NVIDIA TECHNOLOGIES TRANSFORMING AEC WORKFLOWS

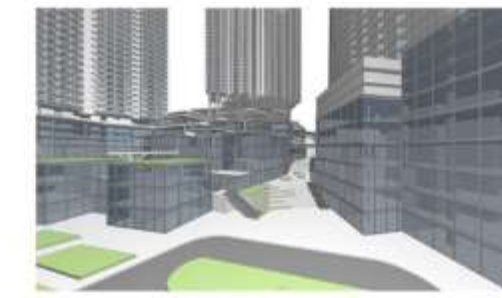
Visual Computing and AI Solutions



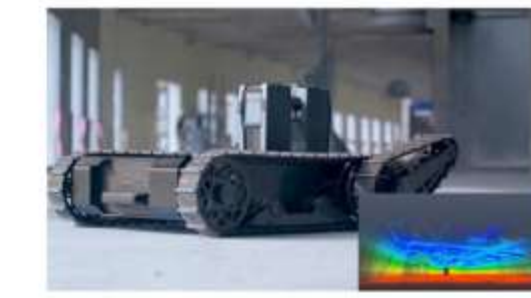
Real-time Photoreal Rendering



Immersive VR



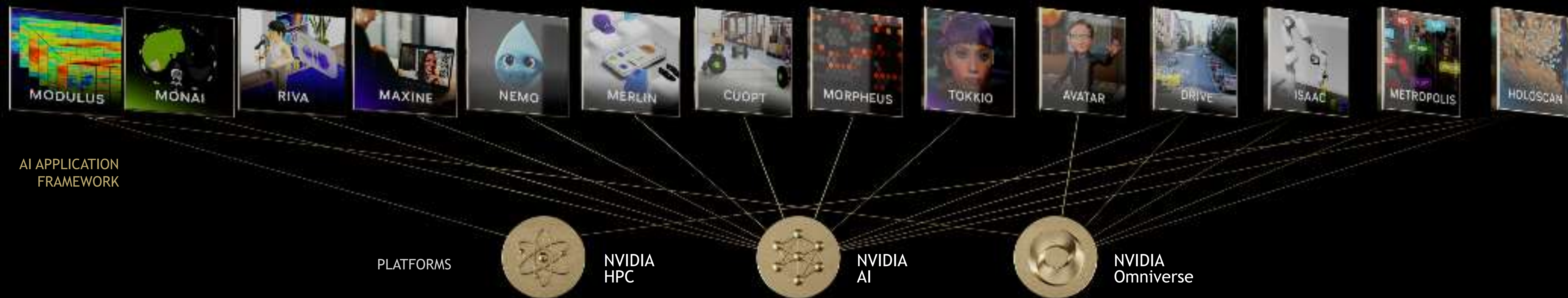
3D Graphics Virtualization



Artificial Intelligence



TECHNOLOGY BEHIND IT ALL

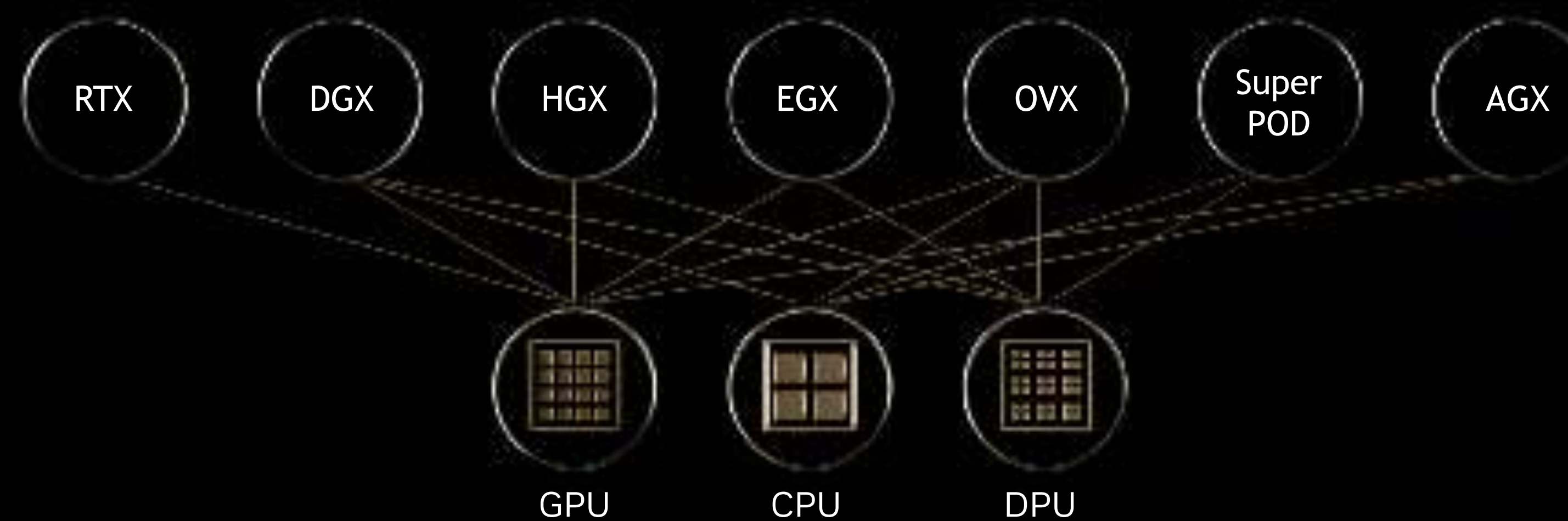


ACCELERATION LIBRARIES



CLOUD-TO-EDGE
DATACENTER-TO-ROBOTIC SYSTEMS

3 CHIPS



It is all about platform: Our solutions catalog: [NGC](https://ngc.nvidia.com)

Portal to AI services, freesoftware, support [NGC Catalog](https://ngc.nvidia.com)

Cloud Services End-to-End AI development

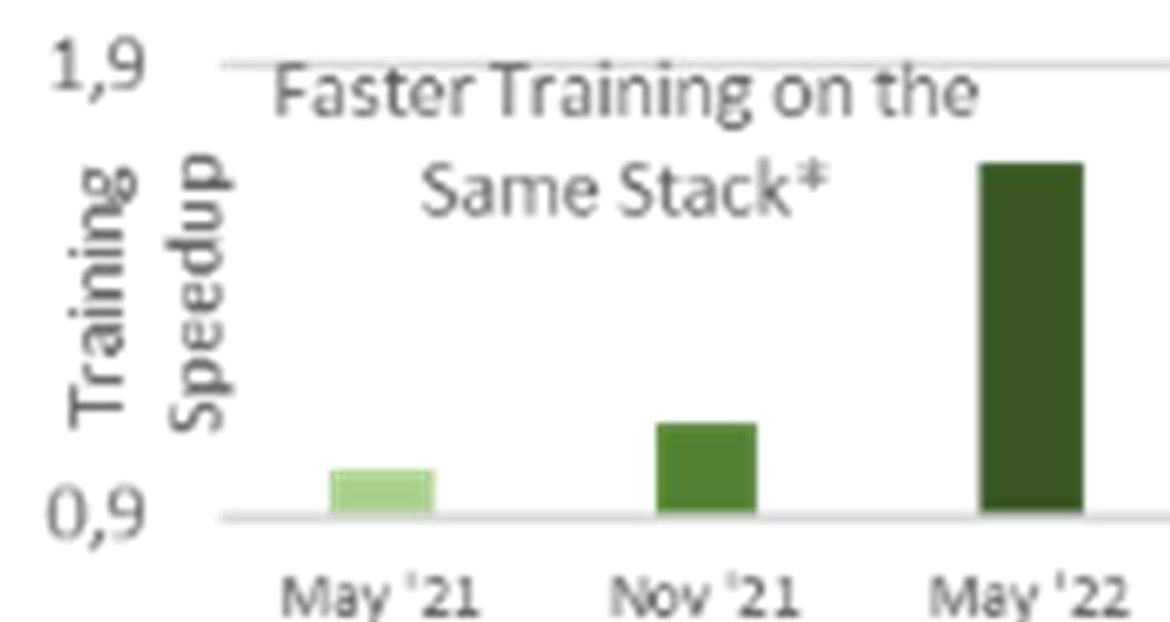


AI Services for NLP, biology, speech



AI Workflow Management & Support

Performance Optimized Tested across GPU-accelerated platforms



Monthly sw container updates



SOTA models

Fully Transparent Quickly find and deploy the right sw



Detailed security scan reports



Model resumes

Accelerates Development Focus on building, not setup



One click deploy from NGC



Develop once. Deploy anywhere w/
NVIDIA VMI

ngc.nvidia.com

Nvidia NGC Catalog

Getting Started

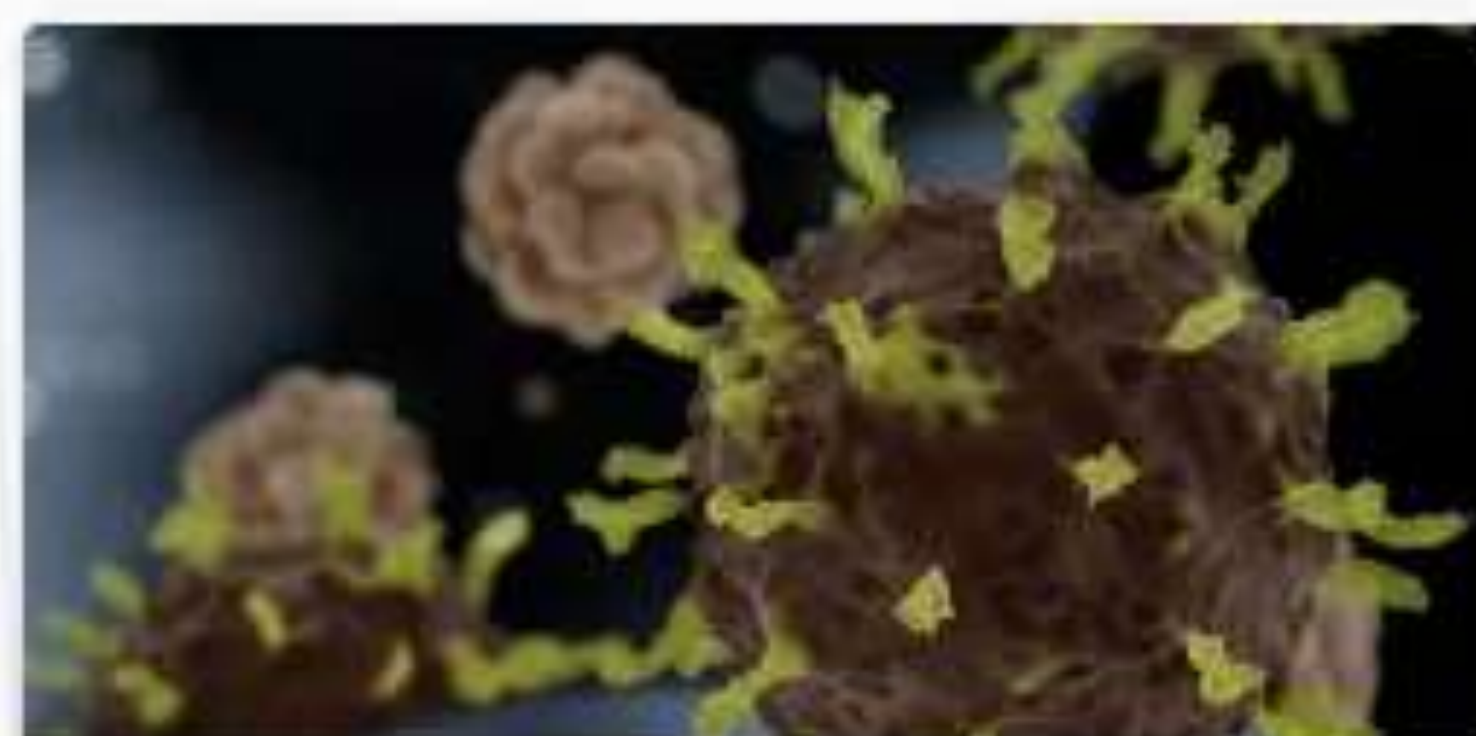


NVIDIA AI - End-to-End AI Development &...

Collection - Deep Learning

This is a collection of performance-optimized frameworks, SDKs, and models to build Computer Vision and Speech AI applications.

[View Labels](#)



HPC Collection

Collection - High Performance Computing

This collection provides access to the top HPC applications for Molecular Dynamics, Quantum Chemistry, and Scientific

[View Labels](#)



Deep Learning Frameworks

Collection - Deep Learning

This collection contains performance-optimized AI frameworks including PyTorch and TensorFlow

[View Labels](#)



NGC - Getting Started

Collection - Beginner

Looking to get started with containers and models on NGC? This is the place to start.

[View Labels](#)



Documentation

We've got a whole host of documentation, covering the NGC UI and our powerful CLI. You can find out more here. [Go to Documentation](#)



Command Line Interface

Want to get more from NGC? Everything you see here can be used and managed via our powerful CLI tools. [Download Now](#)



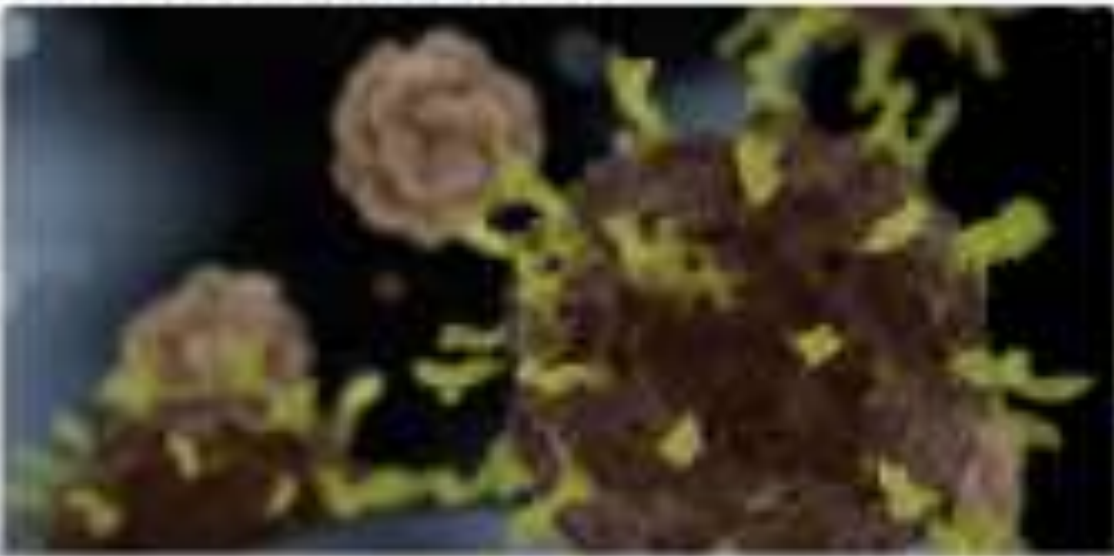
NGC Private Registry

Private Registries from NGC allow you to secure, manage, and deploy your own assets to accelerate your journey to AI. [Learn More](#)

NGC Popular collections


Popular Collections

[See All Collections](#)




HPC Collection
Collection - High Performance Computing
This collection provides access to the top HPC applications for Molecular Dynamics, Quantum Chemistry, and Scientific Visualization.

[View Labels](#)




Automatic Speech Recognition
Collection - Automatic Speech Recognition
A collection of easy to use, highly optimized Deep Learning Models for Recommender Systems. Deep Learning Examples provides Data Scientist and Software Toolkits.

[View Labels](#)




Clara Discovery
Collection - Healthcare
Clara Discovery is a collection of frameworks, applications, and AI models enabling GPU-accelerated computational drug discovery.

[View Labels](#)



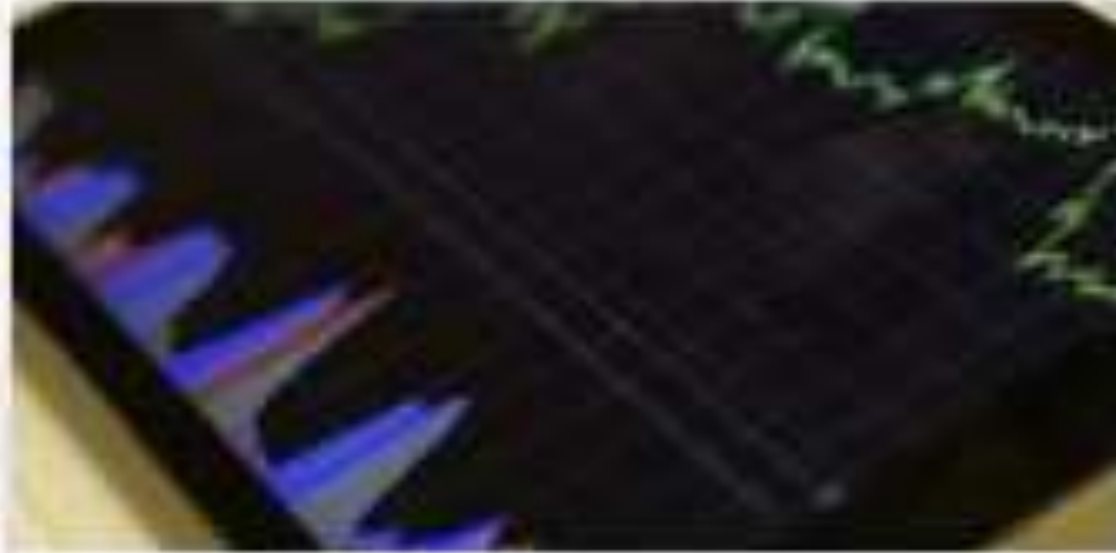
Clara NLP
Collection - Healthcare
Clara NLP is a collection of SOTA biomedical pre-trained language models as well as highly optimized pipelines for training NLP models on biomedical and...

[View Labels](#)




Clara Parabricks
Collection - Healthcare
Clara Parabricks is a collection of software tools and notebooks for next generation sequencing, including short- and long-read applications. These tools are designed to...

[View Labels](#)



DeepStream - CV Deployment
Collection - Intelligent Video Analytics
DeepStream SDK delivers a complete streaming analytics toolkit for AI based video and image understanding and multi-sensor processing. The DeepStream SDK...

[View Labels](#)



NGC - Getting Started
Collection - Beginner
Looking to get started with containers and models on NGC? This is the place to start.

[View Labels](#)





Image Segmentation
Collection - Image Classification
A collection of easy to use, highly optimized Deep Learning Models for Image Segmentation. Deep Learning Examples provides Data Scientist and Software...

[View Labels](#)

Nvidia free popular containers and resources

Popular Containers


[See All Containers](#)



NVIDIA DCGM

DCGM
Container
Manage and Monitor GPUs in Cluster Environments.


[View Labels](#) [Copy Image Path](#)



NVIDIA INTRASTRUCTURE

Validator for NVIDIA GPU Operator
Container
Validates NVIDIA GPU Operator components.


[View Labels](#) [Copy Image Path](#)



NVIDIA INTRASTRUCTURE

NVIDIA Driver Manager For Kubernetes
Container
Manages NVIDIA Driver upgrades in Kubernetes cluster.

[View Labels](#) [Copy Image Path](#)




NVIDIA INTRASTRUCTURE

NVIDIA MIG Manager For Kubernetes
Container
Manage MIG partitions in Kubernetes with a simple label change to a node.

[View Labels](#) [Copy Image Path](#)

Popular Models


[See All Models](#)



NVIDIA DEEP LEARNING EXAMPLES

GPUNet-0 pretrained weights (PyTorch, A...)
Model
GPUNet-0 ImageNet pretrained weights


[View Labels](#) [Download](#)



NVIDIA DEEP LEARNING EXAMPLES

GPUNet-1 pretrained weights (PyTorch, A...)
Model
GPUNet-1 ImageNet pretrained weights


[View Labels](#) [Download](#)



NVIDIA DEEP LEARNING EXAMPLES

GPUNet-2 pretrained weights (PyTorch, A...)
Model
GPUNet-2 ImageNet pretrained weights

[View Labels](#) [Download](#)




NVIDIA DEEP LEARNING EXAMPLES

GPUNet-01 pretrained weights (PyTorch, A...)
Model
GPUNet-01 weights pretrained on ImageNet

[View Labels](#) [Download](#)

Popular Resources


[See All Resources](#)



NVIDIA TUTORIALS

AzureML Quick Launch: TAO
Resource
Download pre-configured setup files to quick launch an NVIDIA TAO Jupyter Notebook on Azure Machine Learning with the operator resources (Compute Clou...


[View Labels](#) [Download](#)



NVIDIA TUTORIALS

BERT for TensorFlow Jupyter Notebook
Resource
Jupyter Notebook example for Question Answering with BERT for TensorFlow


[View Labels](#) [Download](#)



NVIDIA TUTORIALS

DroneScope Sample App Data
Resource
Holoport Sample App Data for AI DroneScope Segmentation of Polygons

[View Labels](#) [Download](#)




NVIDIA TUTORIALS

DroneScope Sample App Data
Resource
Holoport Sample App Data for AI-based DroneScope Tool Tracking

[View Labels](#) [Download](#)

Popular Helm Charts


[See All Helm Charts](#)



NVIDIA NETWORK OPERATOR

NVIDIA Network Operator
Helm Chart
NVIDIA Network Operator Helm Chart provides an easy way to install, configure and manage the lifecycle of NVIDIA Mellanox network operator.


[View Labels](#) [Fetch Helm Chart](#)



NVIDIA INTRASTRUCTURE

NeSN
Helm Chart
A Helm chart for deploying Nvidia System Management software on DGA Nodes


[View Labels](#) [Fetch Helm Chart](#)



NVIDIA GPU OPERATOR

coDp
Helm Chart
A Helm chart for deploying the Nvidia coDp Server

[View Labels](#) [Fetch Helm Chart](#)



NVIDIA GPU OPERATOR



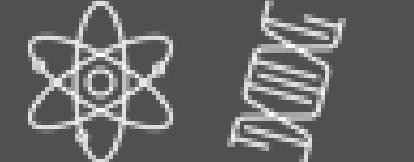



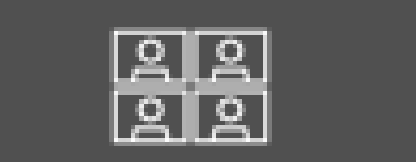












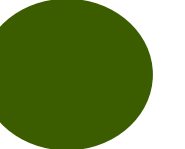
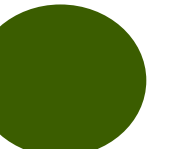
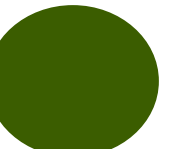




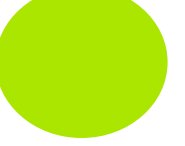

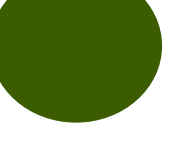



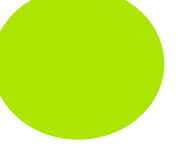
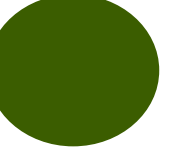



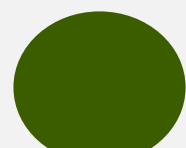






NVIDIA GPU Operator
Helm Chart
Deploy and Manage NVIDIA GPU resources in Kubernetes.

[View Labels](#) [Fetch Helm Chart](#)



OK,... LETS TALK IRON !!!!

NVIDIA Data Center GPU Portfolio. Workload oriented

	GPU		 DL Training & DA	 DL Inference	 HPC / AI	 Omniverse / Render Farms	 Virtual Workstation	 Virtual Desktop (VDI)	 Mainstream Acceleration	 Far Edge Acceleration
Compute	H100									
	A100									
	A30									
Graphics / Compute	L40									
	A40									
	A10									
	A16									
Small Form Factor Compute/Graphics	A2									
	T4									

   Price-performance comparison in each product group (Compute, Graphics & Compute, SFF Compute & Graphics) and workload column



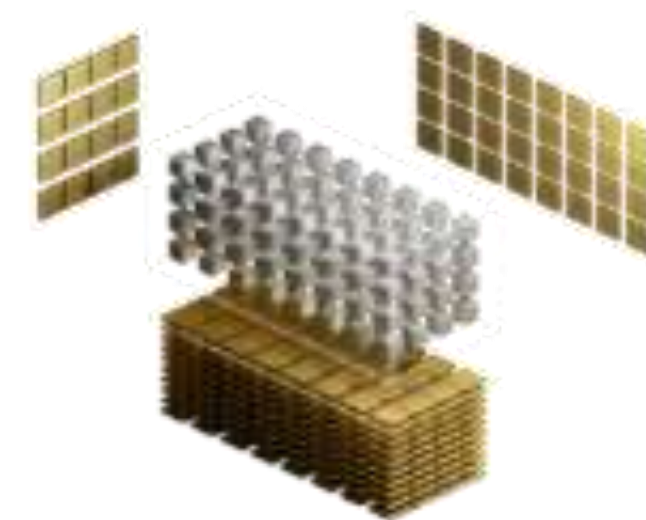
LET'S GET DEEPER

NVIDIA HOPPER

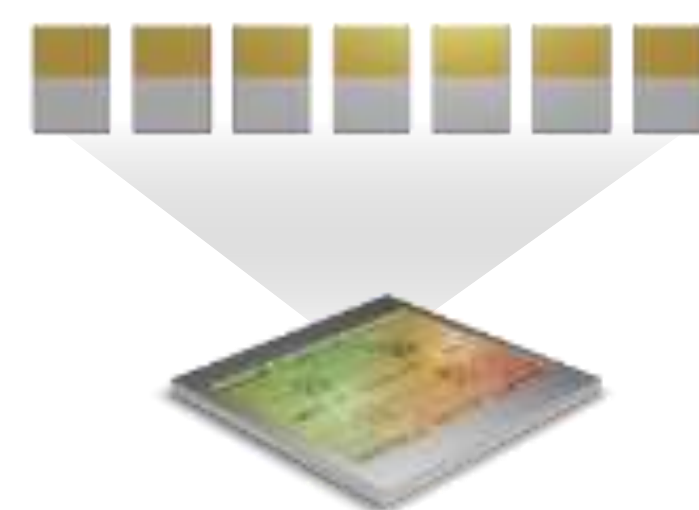
The Engine for the World's AI Infrastructure



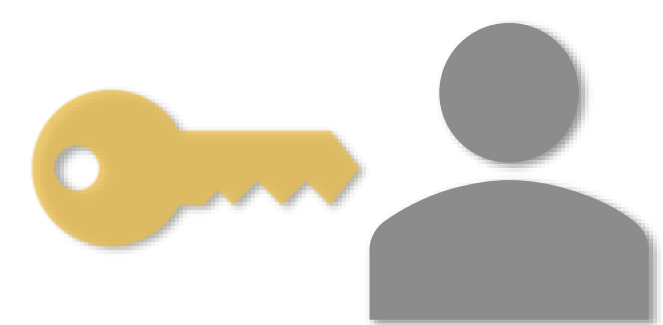
World's Most Advanced Chip



Transformer Engine



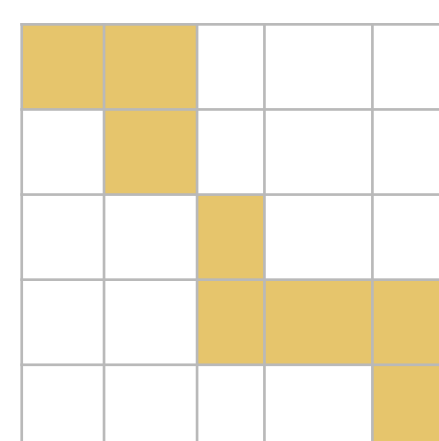
2nd Gen MIG



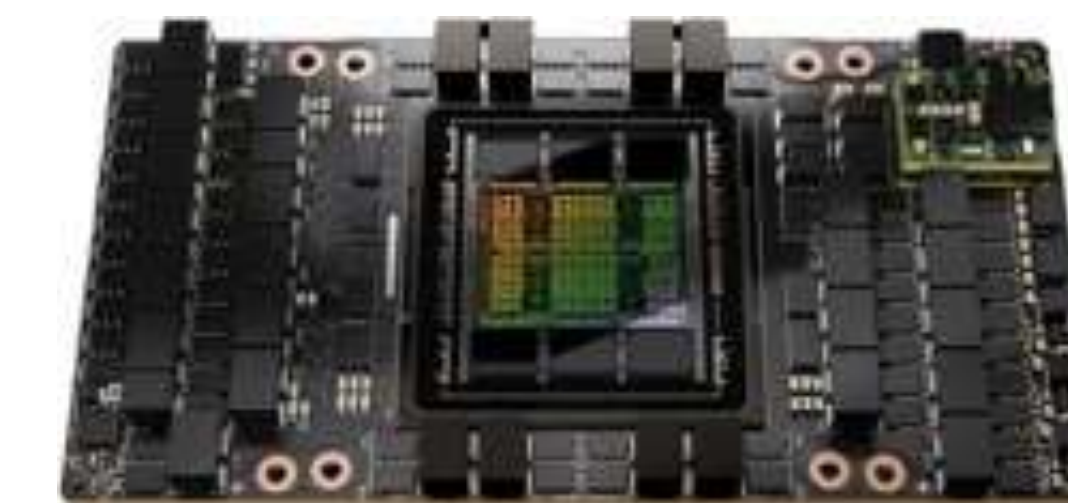
Confidential Computing



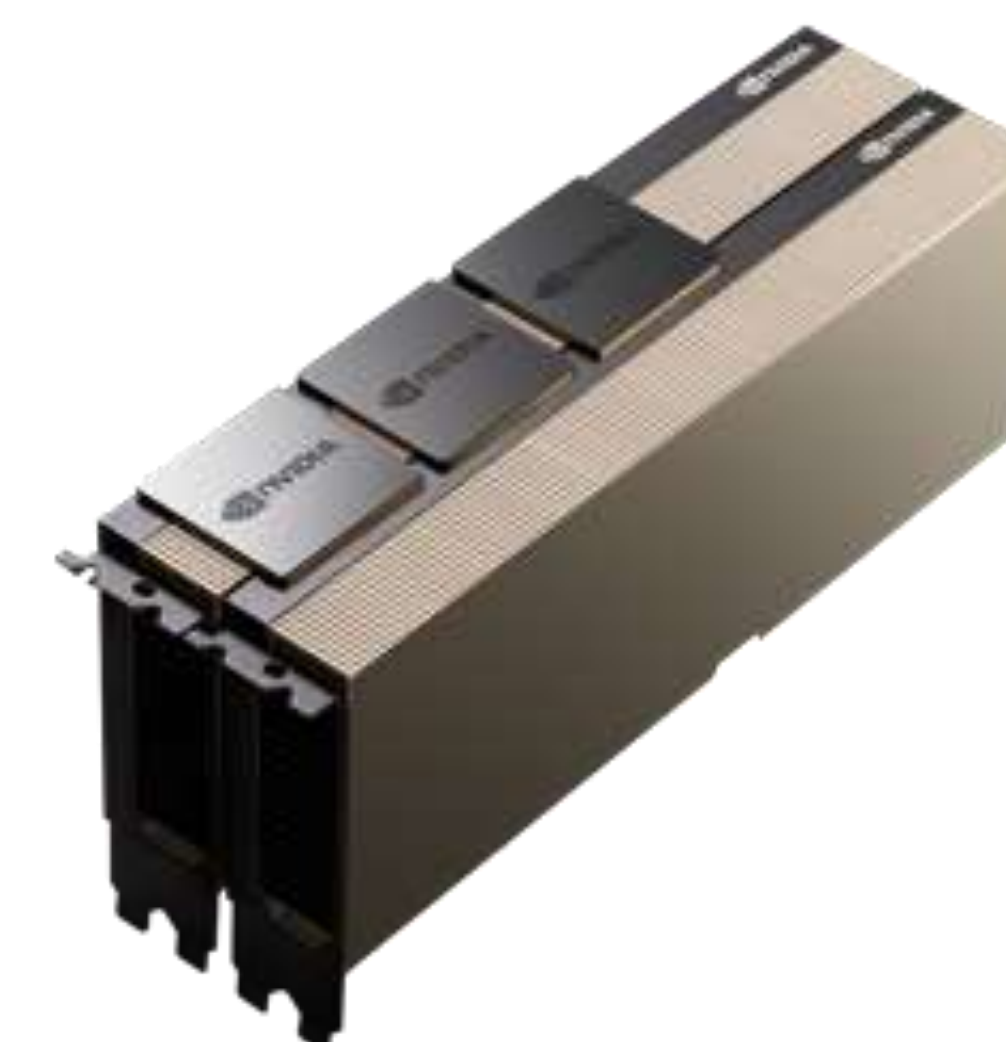
4th Gen NVLink



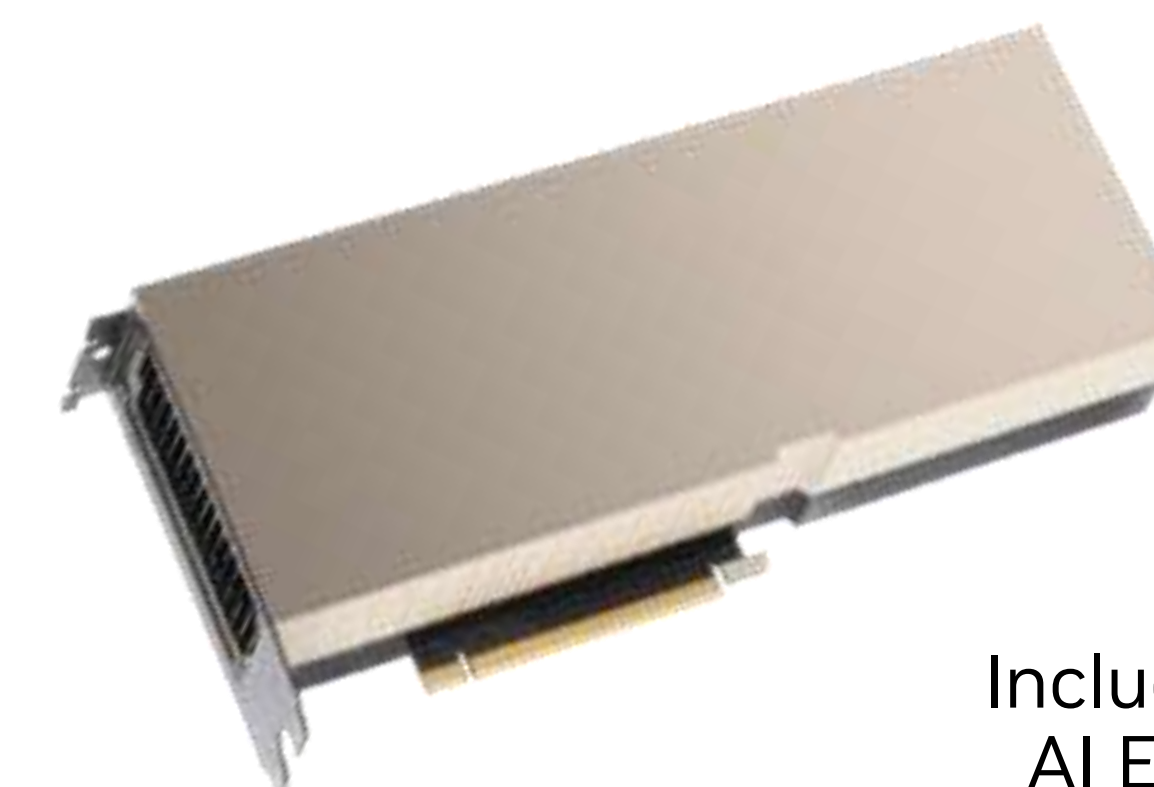
DPX Instructions



H100 SXM



H100 NVL



H100 PCIe

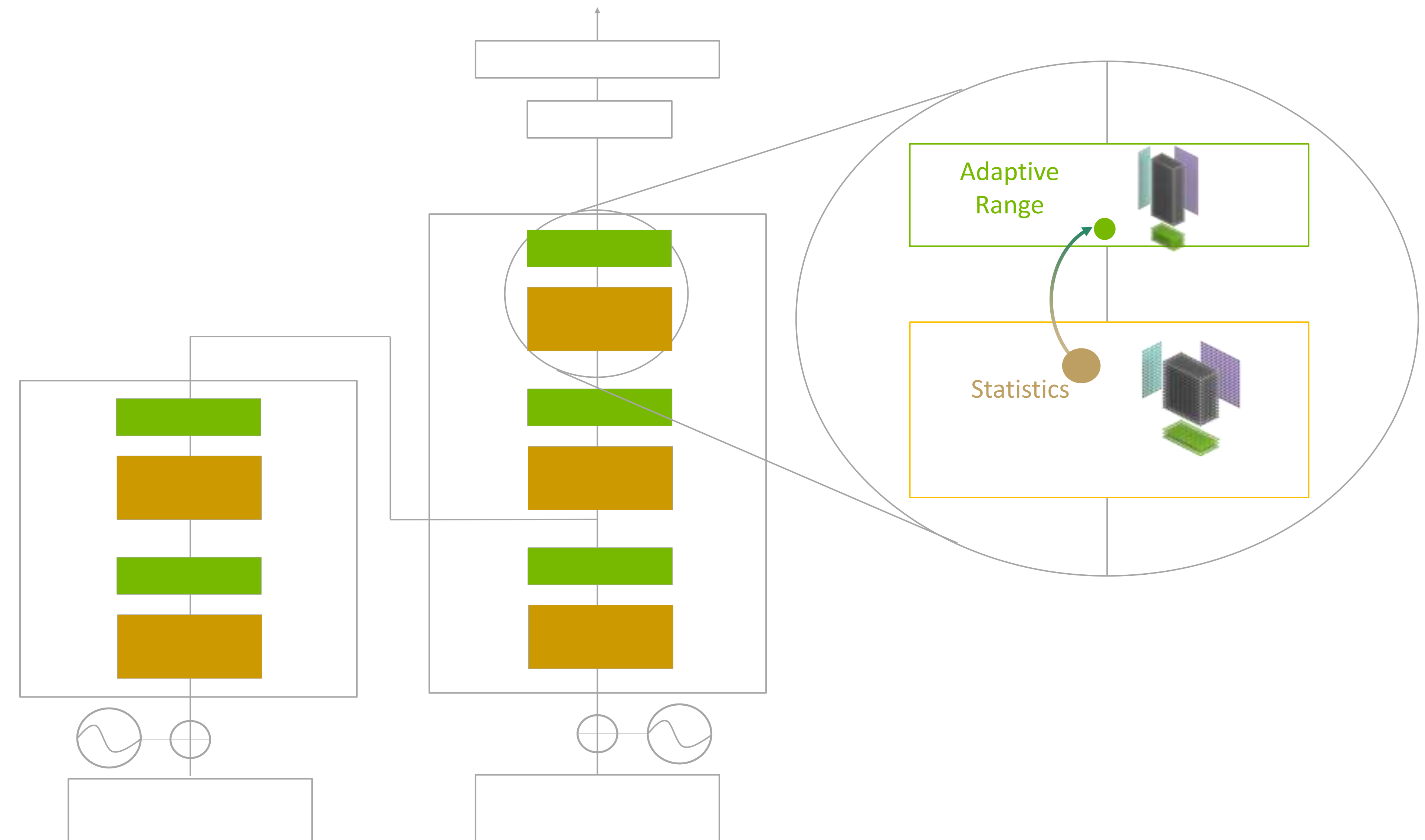
Includes NVIDIA AI Enterprise



TRANSFORMER ENGINE

Tensor core optimized for transformer models

- 6X Faster Training and Inference of Transformer Models
- NVIDIA Tuned Adaptive Range Optimization Across 16-bit and 8-bit Math
- Configurable Macro Blocks Deliver Performance Without Accuracy Loss



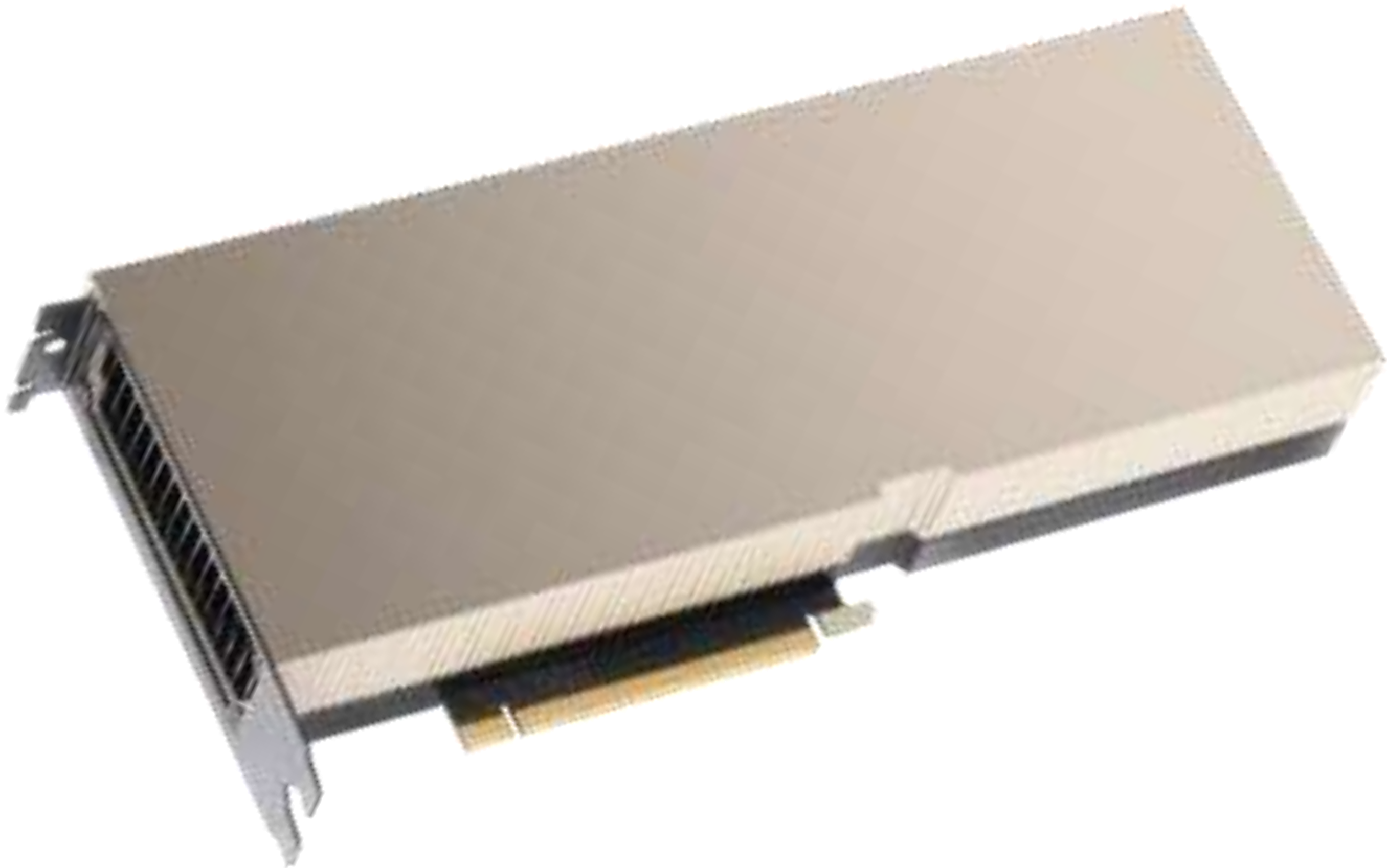
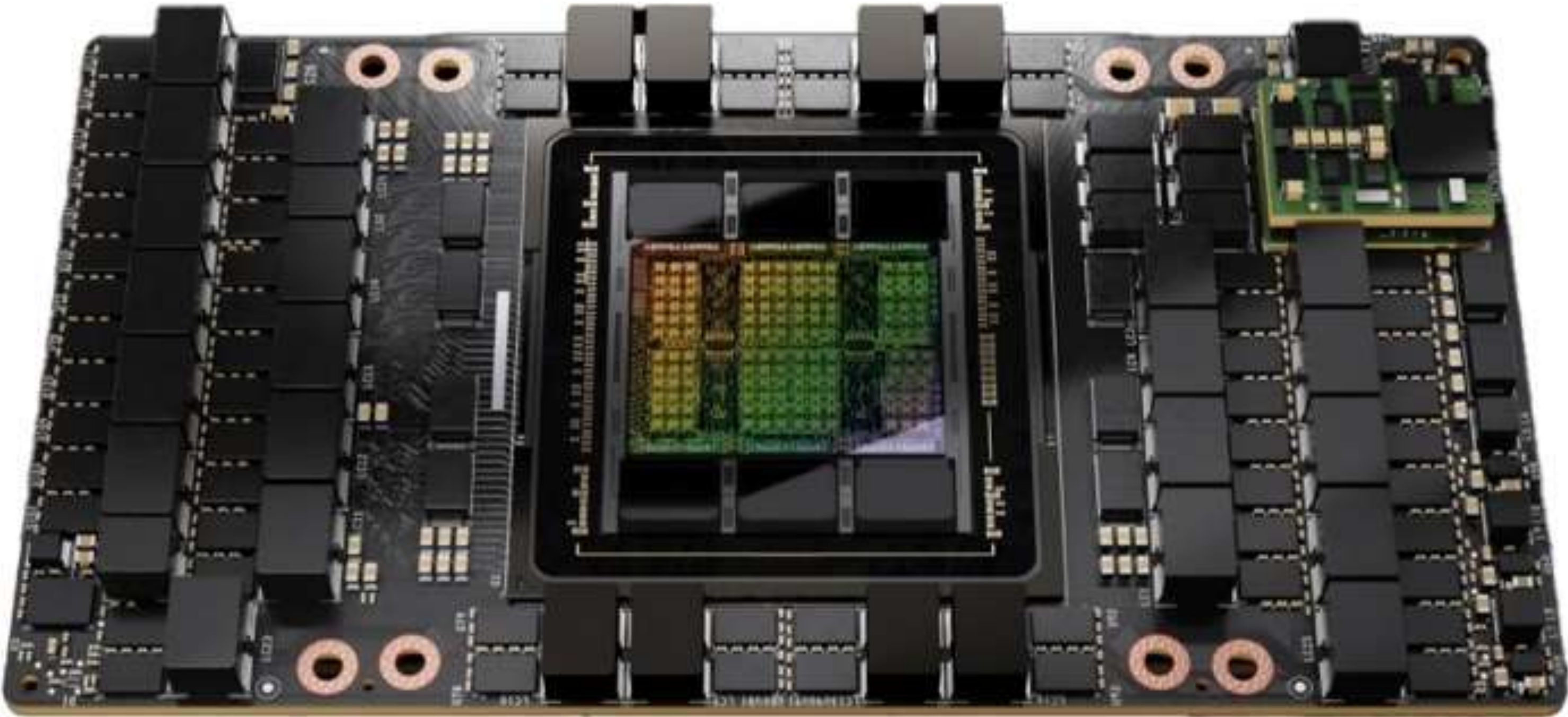
Statistics and Adaptive Range
Tracking

16-bit ● 8-bit

NVIDIA H100 SXM5 AND PCIE

Unprecedented Performance, Scalability, and Security for Every Data Center

	H100 PCIe	H100-80 SXM5	H100-94 SXM5
New Features			
- Dynamic Programming Instructions	Supported	Supported	Supported
- Confidential Computing	Supported	Supported	Supported
- Transformer Engine with FP8	Supported	Supported	Supported
- Peak FP8 Tensor TFLOPS	1513/3026	1978/3957	1978/3957
- Peak FP16 Tensor TFLOPS	756/1513	989/1978	989/1978
- Peak TF32 Tensor TFLOPS	378/756	494/989	494/989
- Peak FP64 Tensor TFLOPS	51.2	67	67
- Peak INT8 Tensor TOPS	1513/3026	1978/3957	1978/3957
- Peak FP16 TFLOPS (non-Tensor)	102	134	134
- Peak BF16 TFLOPS (non-Tensor)	102	134	134
- Peak FP32 TFLOPS (non-Tensor)	51	67	67
- Peak FP64 TFLOPS (non-Tensor)	25	33	33
- Peak INT32 TOPS	25	33	33
Memory			
- Memory Interface	5120-bit HBM2e	5120-bit HBM3	6144-bit HBM2e
- Memory Size	80 GB	80 GB	94 GB
- Memory Bandwidth	2000 GB/sec	3300 GB/sec	2400 GB/sec
L2 Cache Size	50 MB	50 MB	50 MB
TDP	350 Watts	700 Watts	700 Watts



HOPPER ARCHITECTURE

H100 GPU Key features



2nd Gen Multi-Instance GPU
Confidential Computing
PCIe Gen5

Larger 50 MB L2

80GB HBM3, 3 TB/s
bandwidth

132 SMs
4th Gen Tensor Core

Thread Block Clusters

4th Gen NVLink
900 GB/s total bandwidth

Omniverse Enterprise



Build custom 3D metaverse applications , power large-scale simulations and operate photorealistic virtual worlds and complex digital twins

Rendering



Work with complex scenes and high-fidelity creative workflows with 3rd-Gen RTX and 48GB of GPU memory

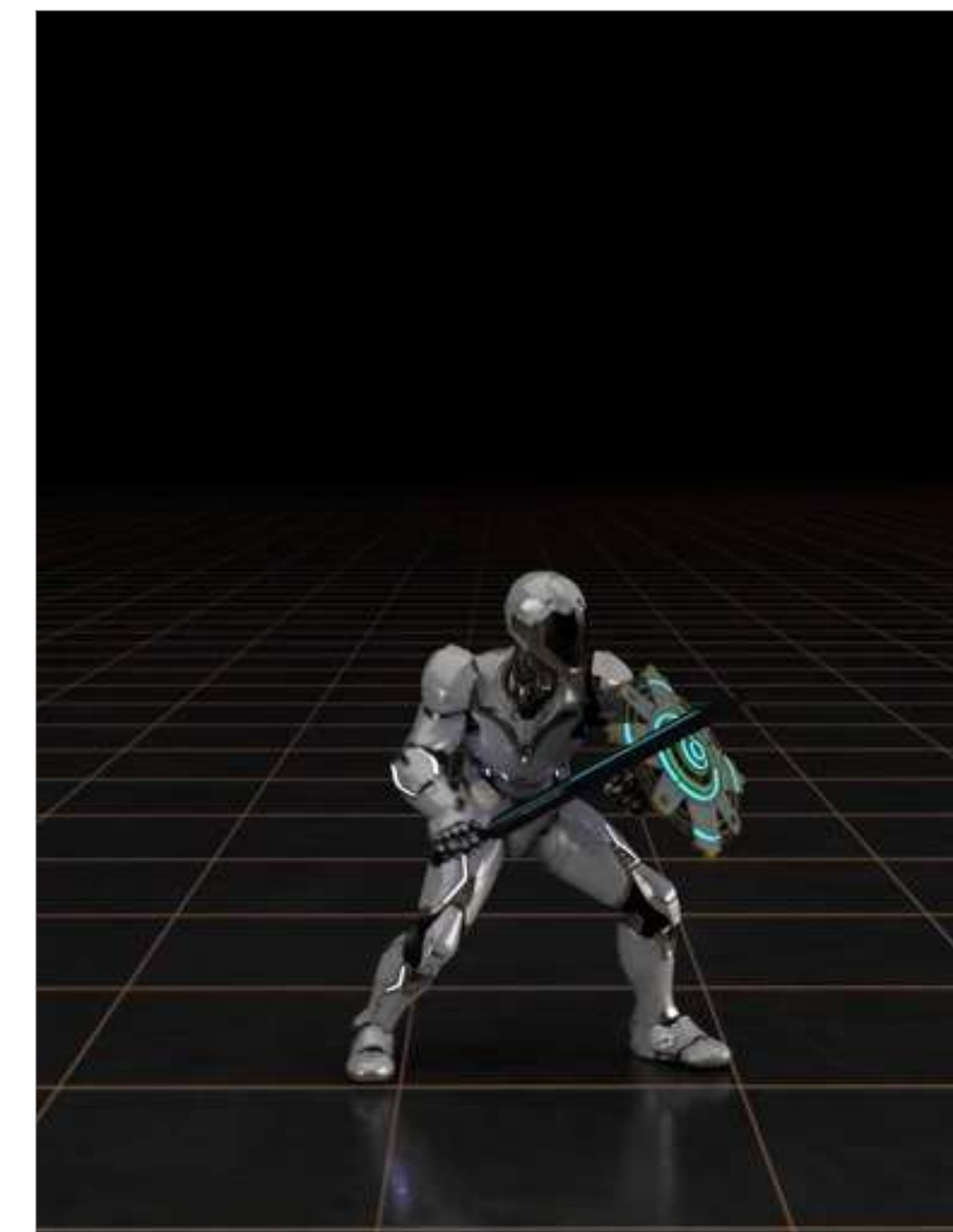
Virtualization*



Deliver high-performance workstation instances for high-end design, AI, and compute workloads

*vGPU support in Q1 2023

AI



Provision virtual AI/ML virtual workstations for model development, training, data exploration. Multi-GPU AI for larger workloads.

NVIDIA L40

Revolutionary capabilities for data center workloads

NVIDIA L40 GENERATIONAL COMPARISON

NVIDIA L40

NVIDIA A40

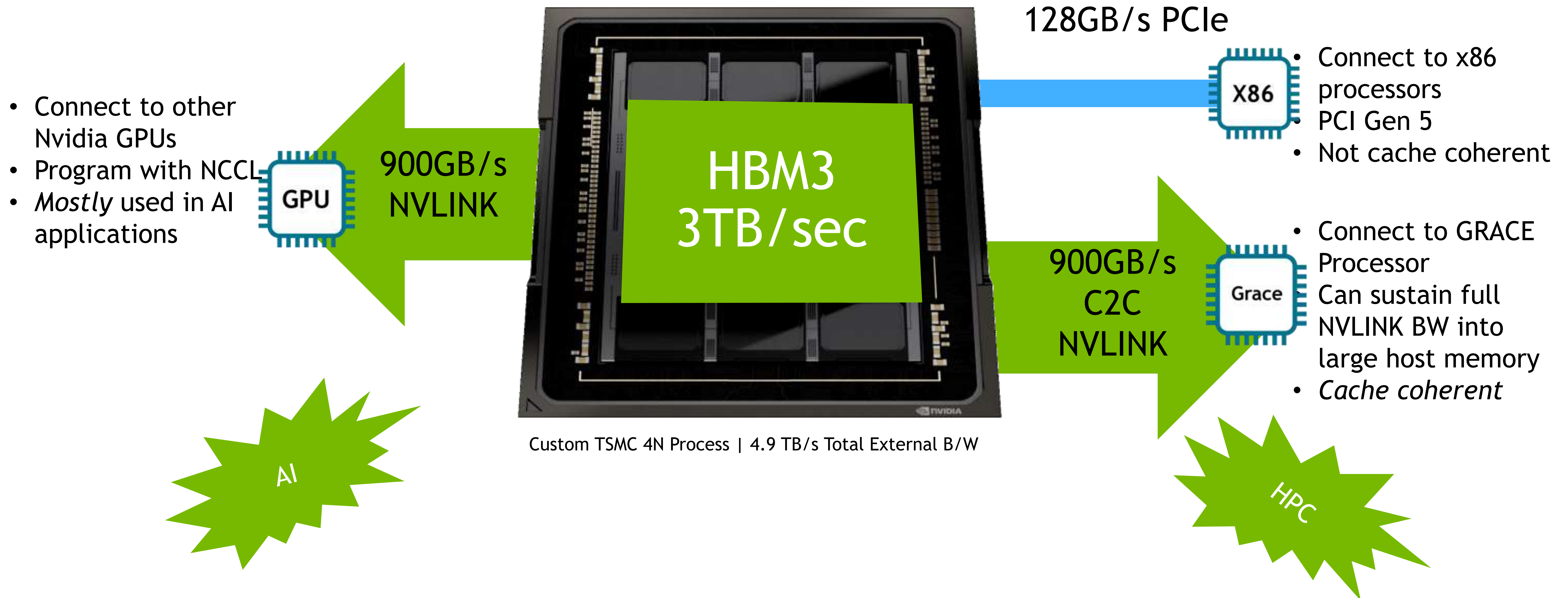
GPU Architecture	NVIDIA Ada Lovelace Architecture	NVIDIA Ampere Architecture
FP32	90.5 TFLOPS	37.4 TFLOPS
RT Core	209 TFLOPS	73.1 TFLOPS
Tensor Float 32 (TF32)	90.5 181** TFLOPS	74.8 149.6* TFLOPS
BFLOAT16 Tensor Core	181 362** TFLOPS	149.7 299.4* TFLOPS
FP16 Tensor Core	181 362** TFLOPS	149.7 299.4* TFLOPS
FP8 Tensor Core	362 724** TFLOPS	NA
INT8 Tensor Core	362 724** TOPS	299.3 598.6* TOPS
INT4 Tensor Core	724 1448** TOPS	598.7 1197.4* TOPS
GPU Memory	48 GB GDDR6 w/ ECC	48 GB GDDR6 w/ ECC
GPU Memory Bandwidth	864 GB/s	696 GB/s
Max Thermal Design Power (TDP)	300 W	300 W
Form Factor	4.4” H x 10.5” L - Dual Slot	4.4” H x 10.5” L - Dual Slot
Interconnect	PCIe Gen4 x16: 64 GB/s	PCIe Gen4 x16: 64GB/s NVIDIA® NVLink® bridge for 2 GPUs:112.5 GB/s
Server Options	Partner and NVIDIA-Certified Systems™, NVIDIA® OVX™	Partner and NVIDIA-Certified Systems™, NVIDIA® OVX™



CAPTURING THE BOTTLENECK

HOPPER AND BANDWIDTH

For HPC and AI



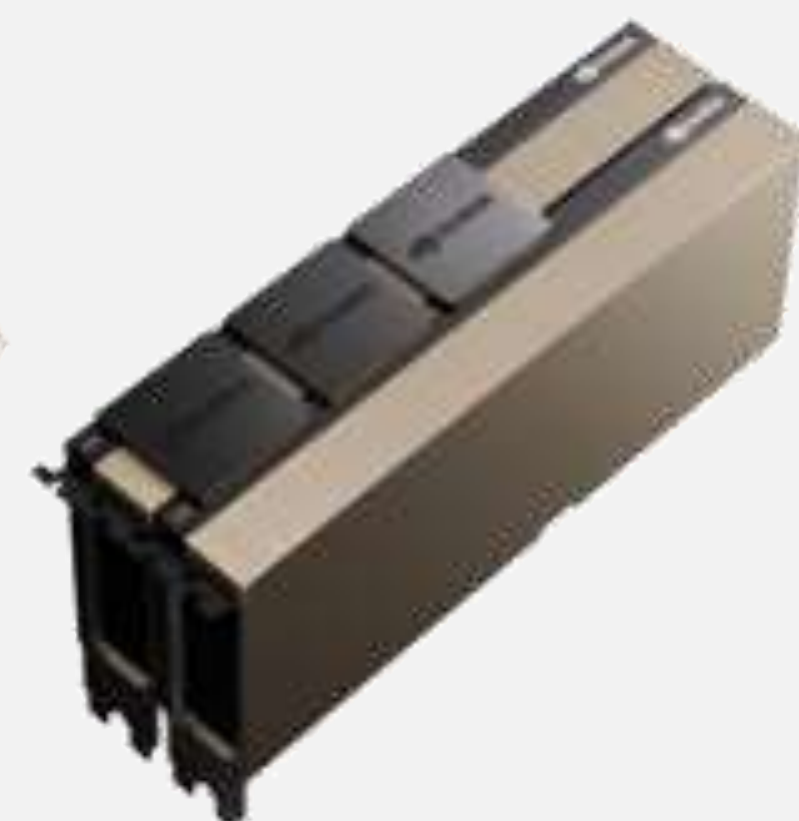
X86 GPU-GPU NVLINK

Architectures & Cost of *Connectivity*



1-Way

2-Way



H100 PCIe

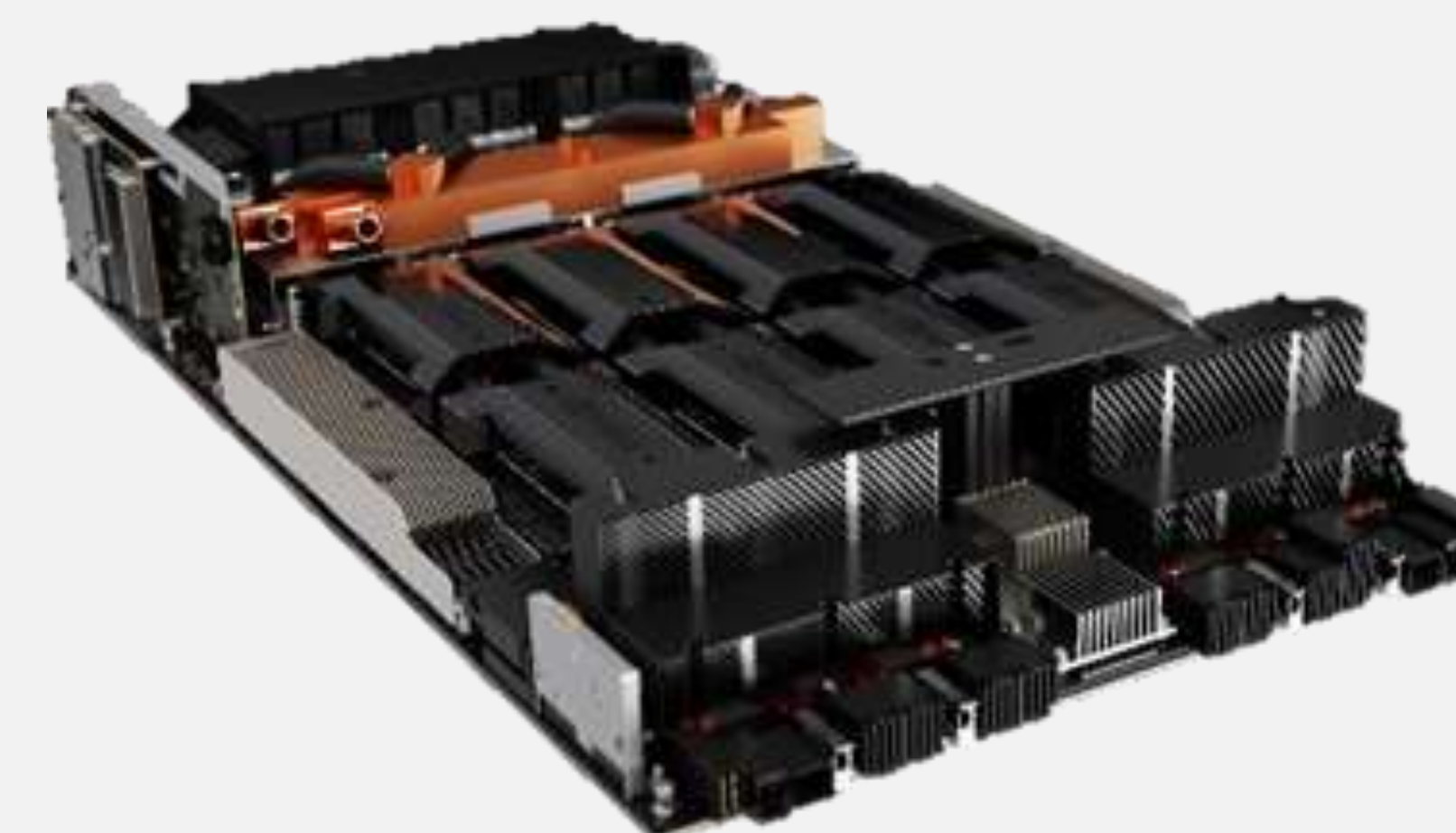
H100 NVL

4-Way HGX



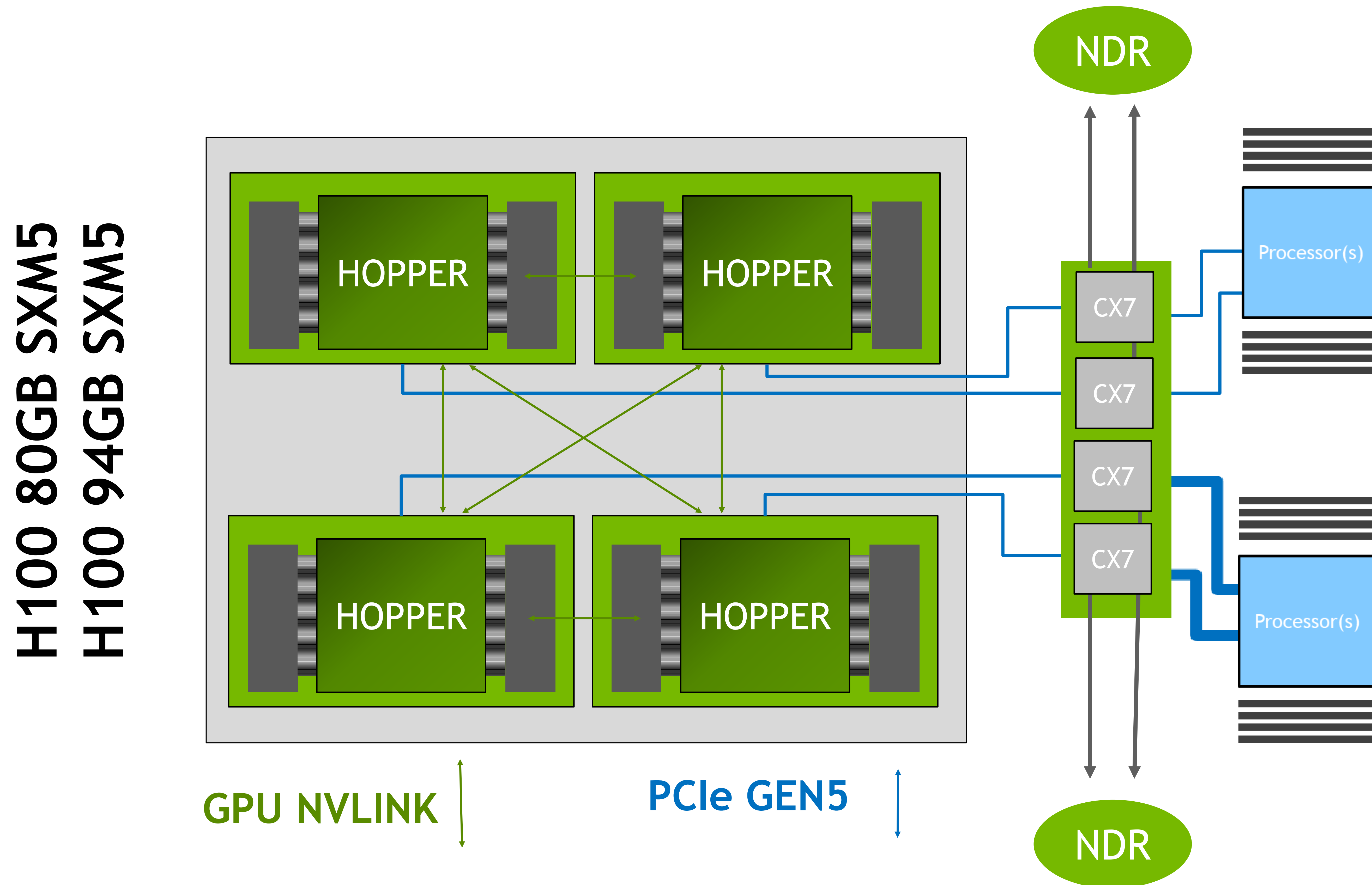
H100 80GB SXM5
H100 94GB SXM5

8-Way HGX



H100 80GB SXM5

H100 SXM5 NODE DESIGN



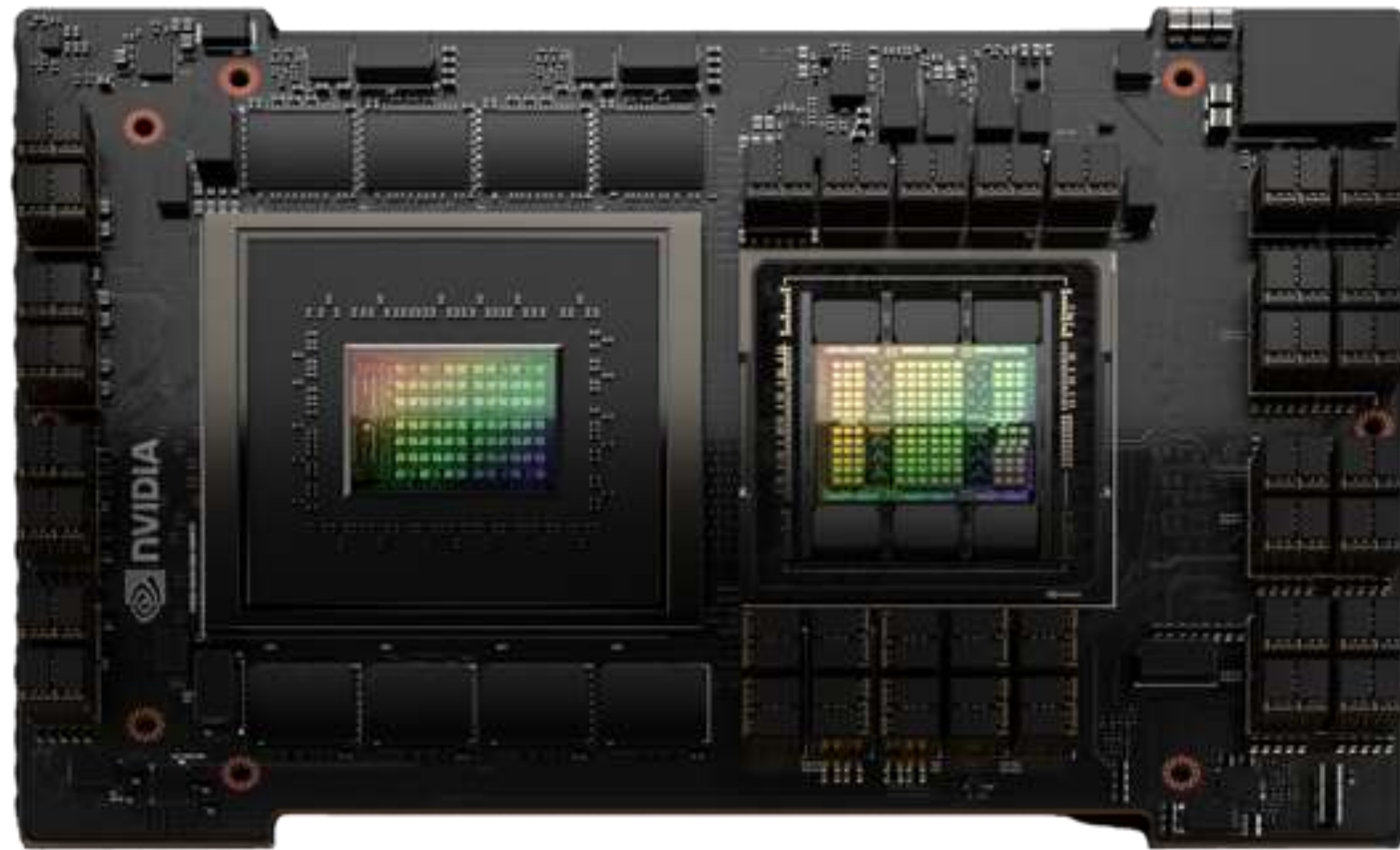


WHAT IS NEXT?

NVIDIA GRACE PLATFORM

Grace Hopper Superchip

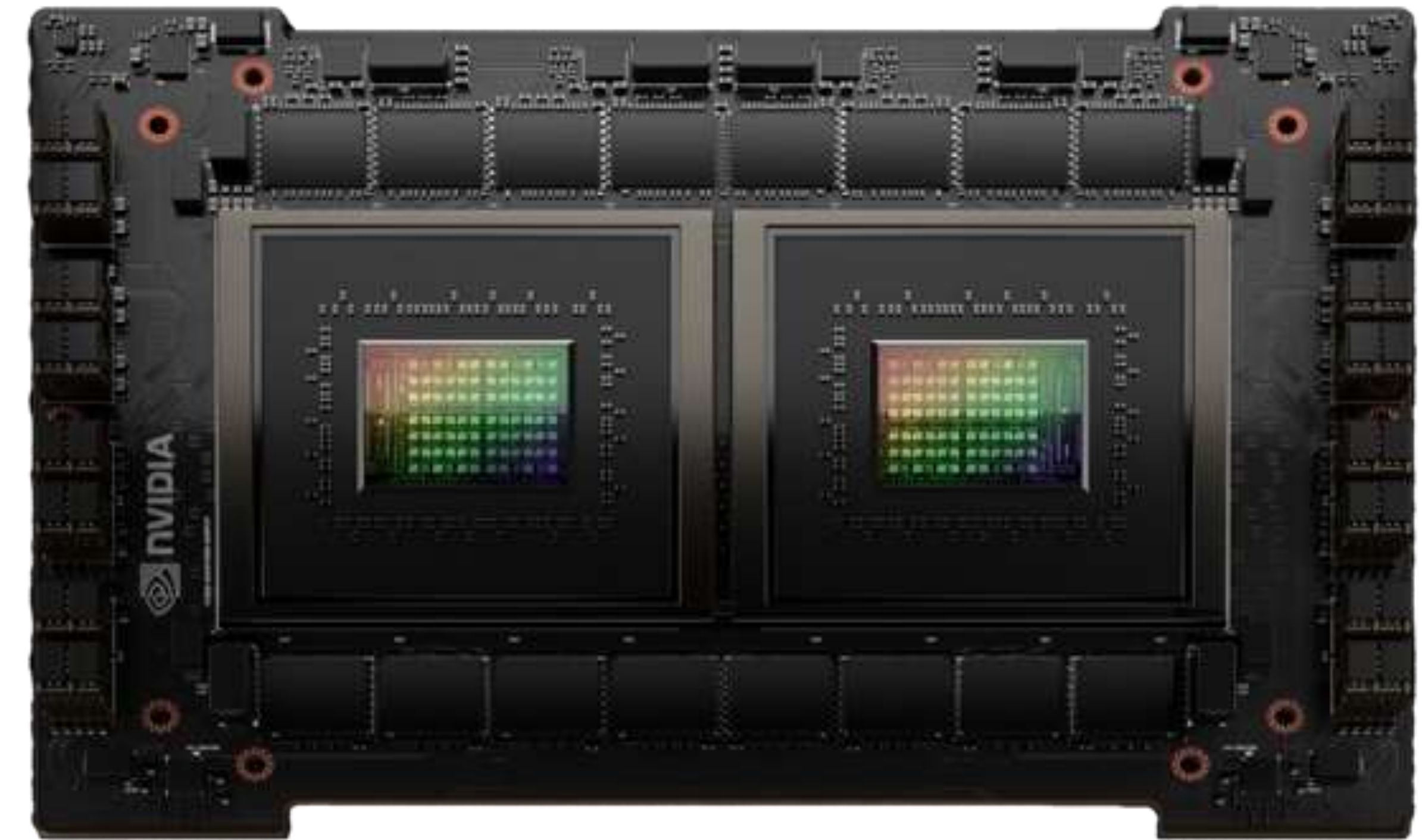
Giant Scale AI & HPC



Accelerated applications where CPU performance and system memory BW are critical since AI models continue to get bigger and our GPUs get even faster

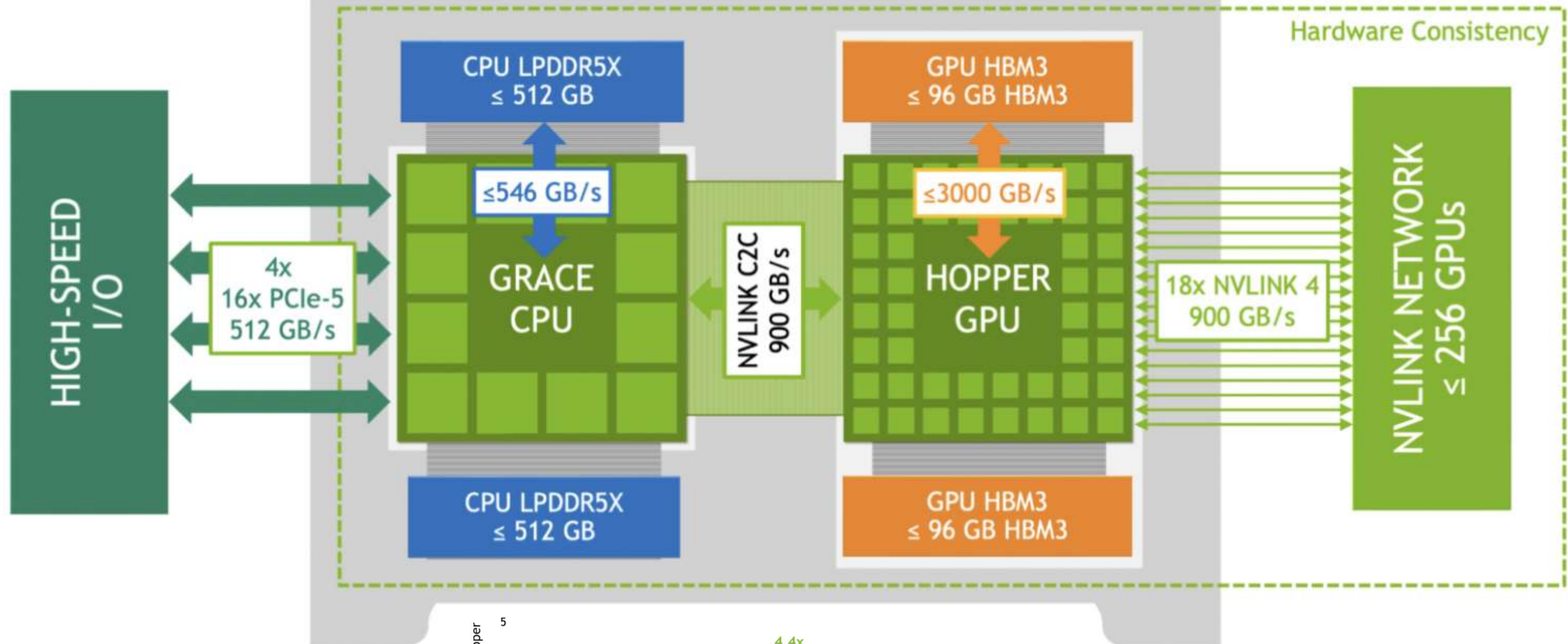
Grace CPU Superchip

CPU Computing



Applications that are not accelerated yet but where absolute performance, energy efficiency, and datacenter density matter, such as in scientific computing, data analytics, and hyperscale computing applications

NVIDIA Grace Hopper Superchip



NVIDIA NVLink-C2C is an NVIDIA memory coherent, high-bandwidth, and low-latency superchip interconnect. It is the heart of the Grace Hopper Superchip and delivers up to 900 GB/s total bandwidth. This is 7x higher bandwidth than x16 PCIe Gen5 lanes commonly used in accelerated systems.



NVLink-C2C enables applications to oversubscribe the GPU's memory and directly utilize NVIDIA Grace CPU's memory at high bandwidth. With up to 512 GB of LPDDR5X CPU memory per Grace Hopper Superchip, the GPU has direct high-bandwidth access to 4x more memory than what is available with HBM. Combined with the NVIDIA NVLink Switch System, all GPU threads running on up to 256 NVLink-connected GPUs can now access up to 150 TB of memory at high bandwidth. Fourth-generation NVLink enables accessing peer memory using direct loads, stores, and atomic operations, enabling accelerated applications to solve larger problems more easily than ever.

BACK TO THE BEGINNING: HOW NVIDIA HELPS IN DIFFERENT INDUSTRIES

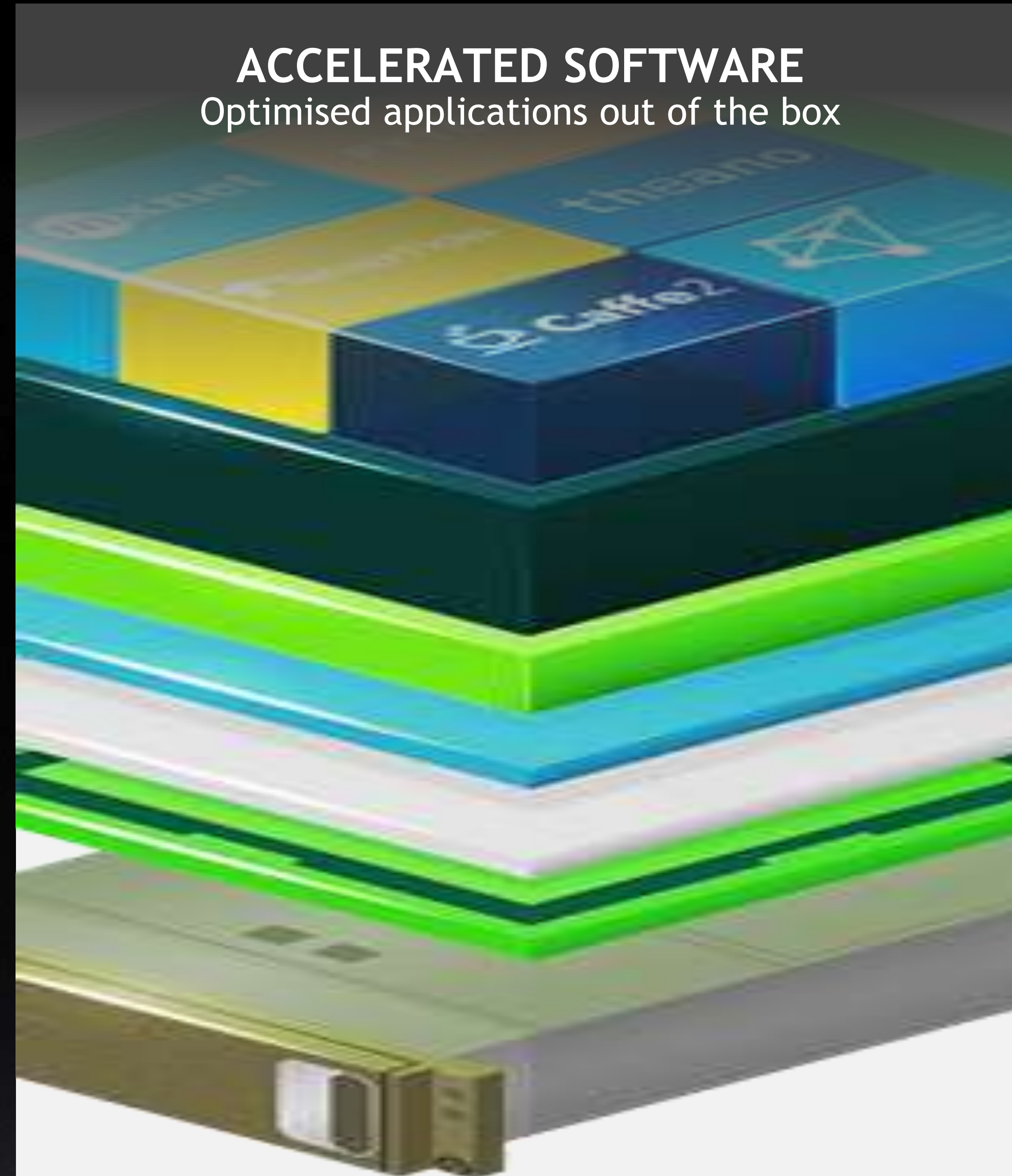
AI INFRASTRUCTURE

Designing for customer use-cases



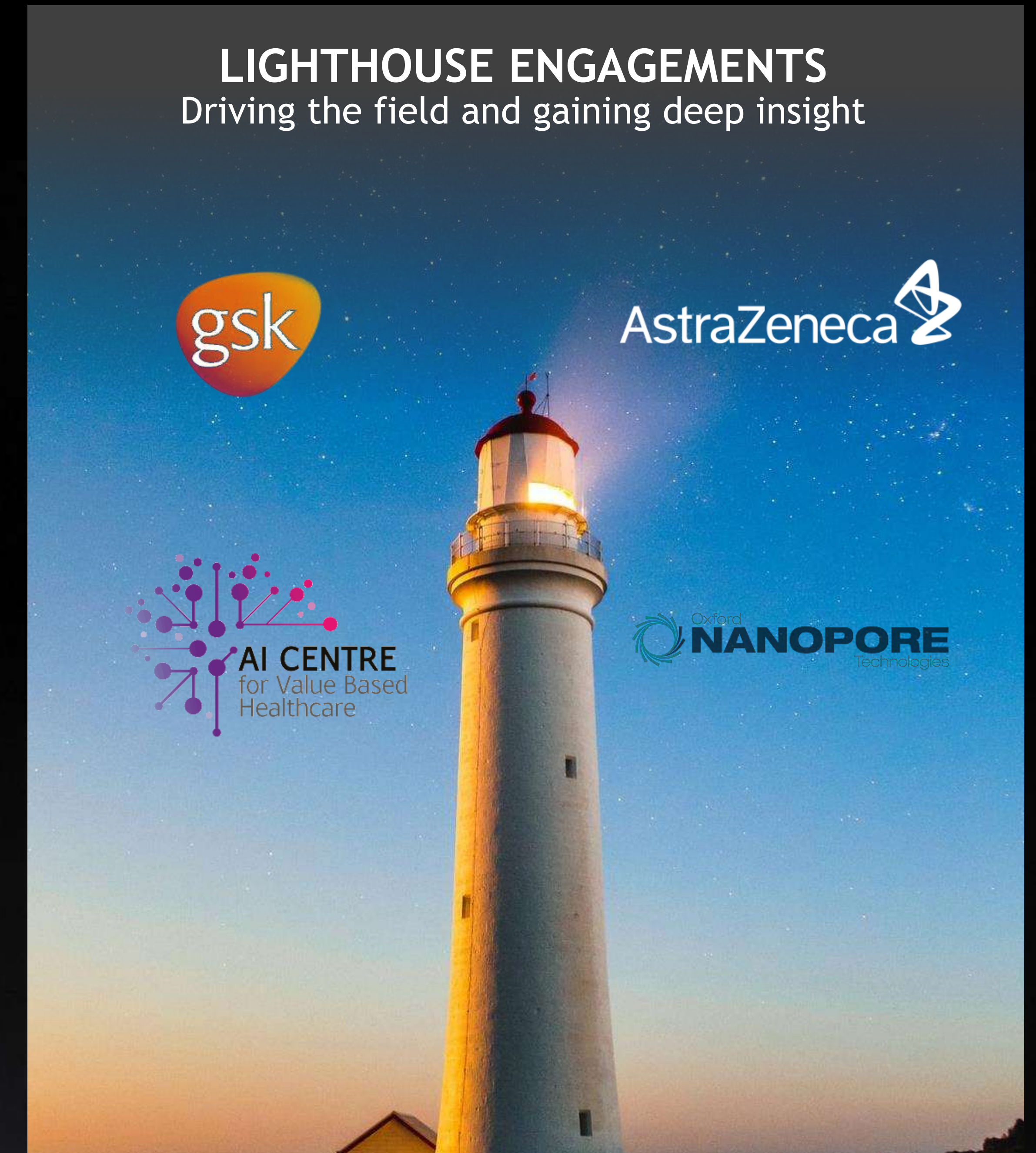
ACCELERATED SOFTWARE

Optimised applications out of the box



LIGHTHOUSE ENGAGEMENTS

Driving the field and gaining deep insight



A FEW VIDEOS

NVIDIA Omniverse

https://www.youtube.com/watch?v=Gn_IMIPrX9s

AMAZON Digital twin warehouse

<https://www.youtube.com/watch?v=-VQLqs6s9y0>

DriveSim Mercedes

https://www.youtube.com/watch?v=UoPXzzK_g1Q

[DRIVE Sim Scenario Reconstruction, Powered by Omniverse - YouTube](#)

NVIDIA Healthcare

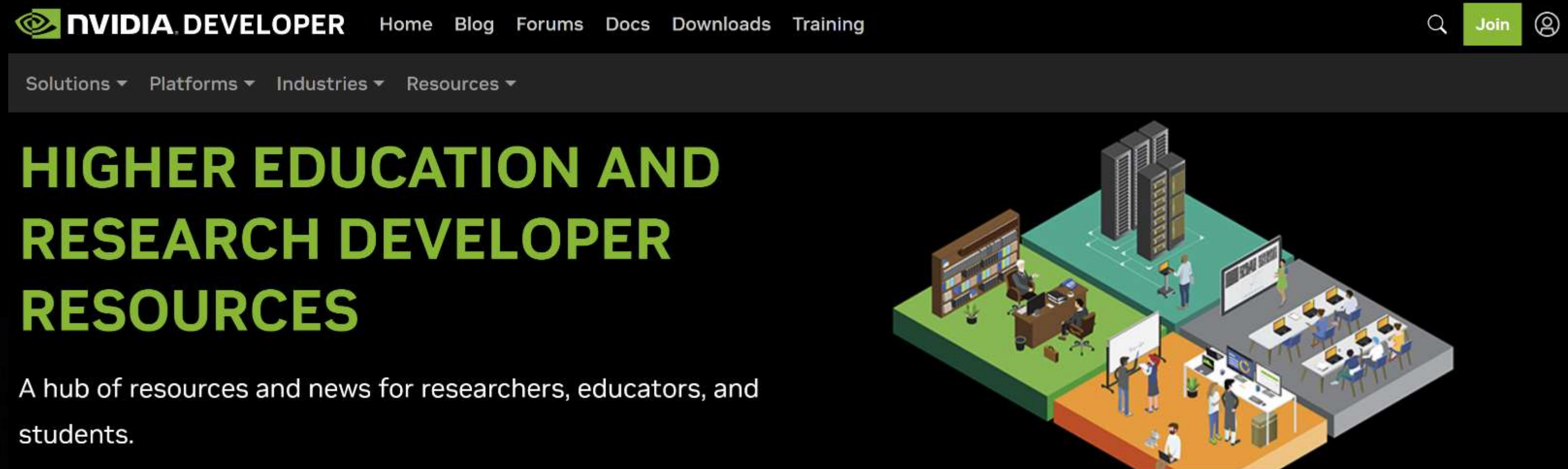
<https://www.youtube.com/watch?v=qlNbC88SU7o>

NVIDIA Clara/Holoscan

<https://www.youtube.com/watch?v=RVFIDEuNtt0>

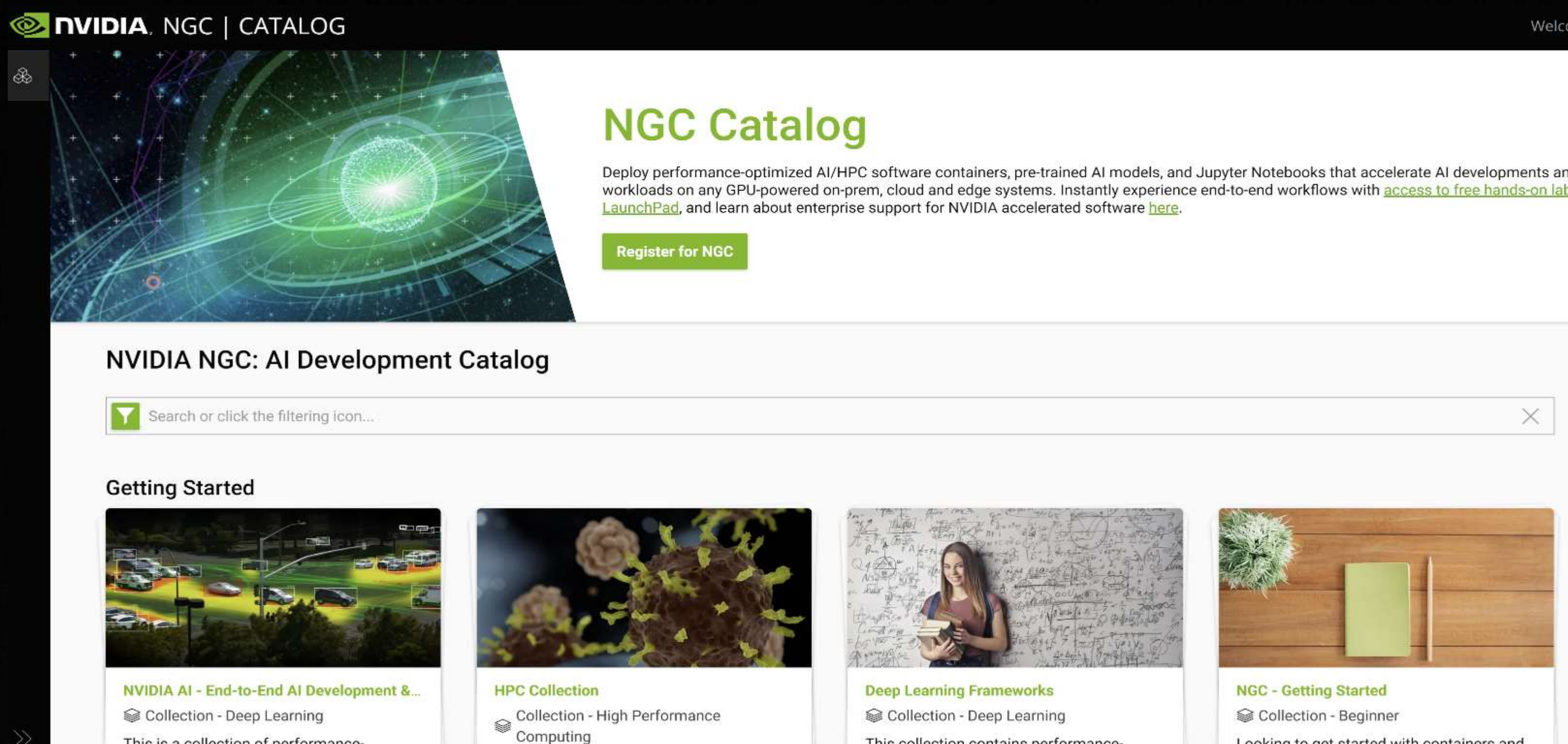
<https://www.youtube.com/watch?v=cGuh5XAdowg>

INTERESTING NVIDIA LINKS FOR THE HER COMMUNITY

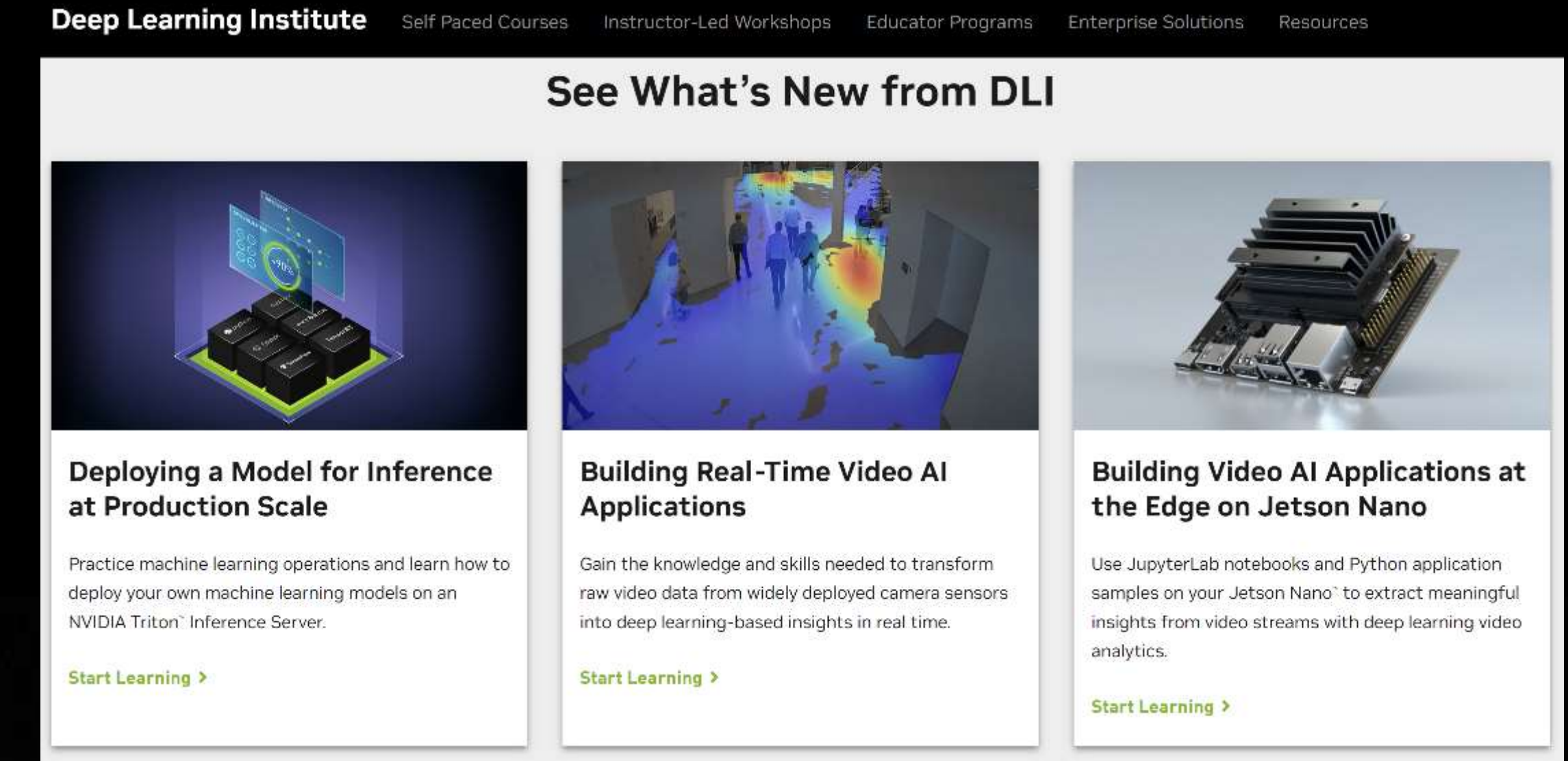


Academic institutions are at the forefront of nurturing the next generation in the emerging technologies of accelerated computing, data science, and AI. To equip researchers, educators, and students in this community, NVIDIA has developed a diverse set of resources—including hardware grants, hands-on workshops, certifications, teaching materials, self-paced

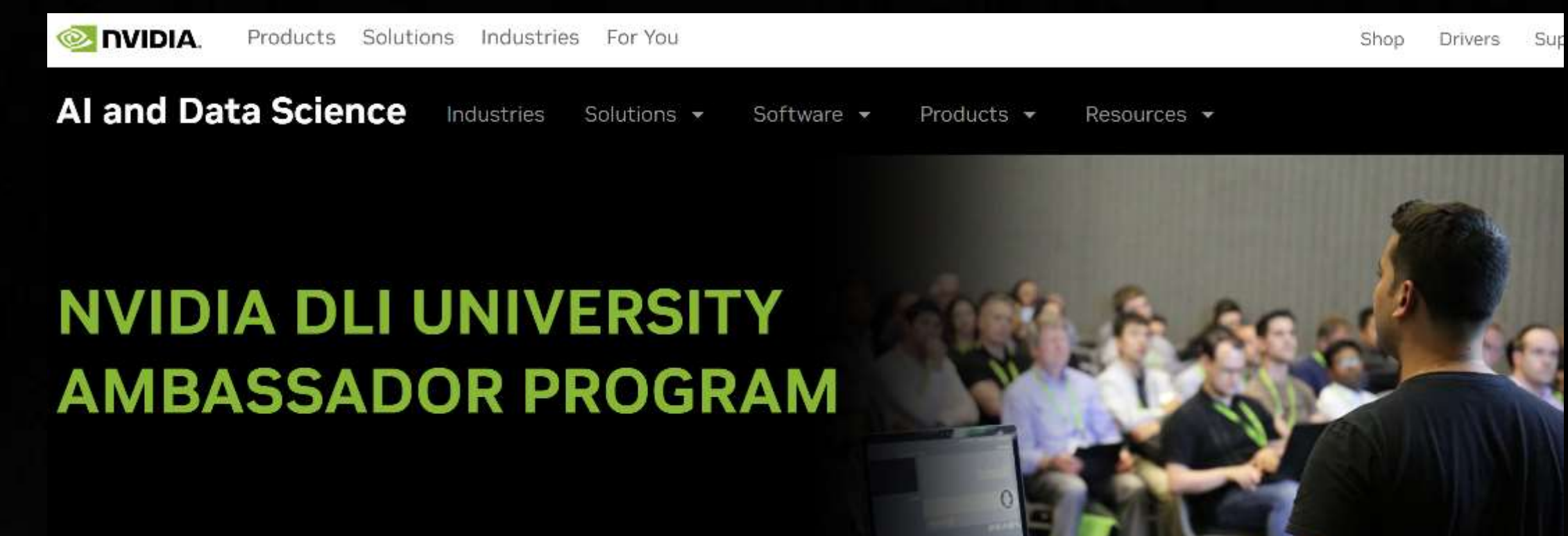
<https://developer.nvidia.com/higher-education-and-research>



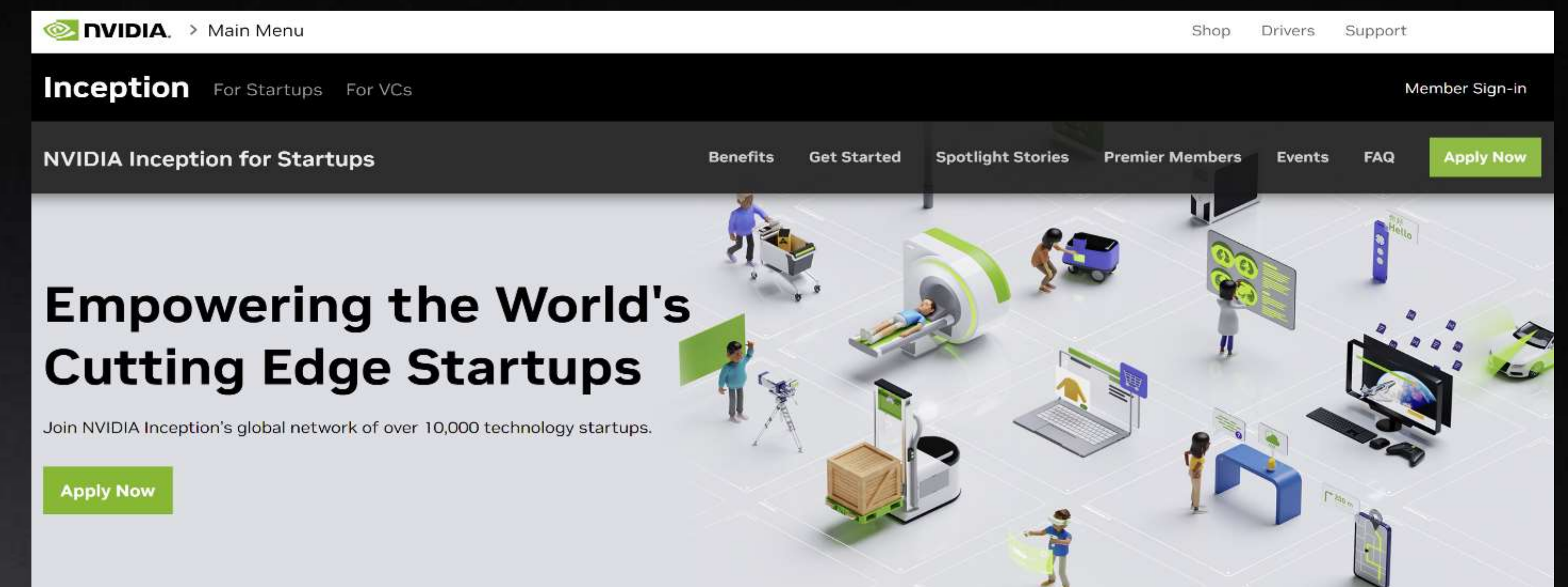
<https://catalog.ngc.nvidia.com/>



<https://www.nvidia.com/en-us/training/>



<https://www.nvidia.com/en-in/deep-learning-ai/education/ambassador-program/>



<https://www.nvidia.com/en-us/startups/>

A close-up, slightly blurred photograph of a green printed circuit board (PCB) populated with numerous gold-plated pins or components. The pins are arranged in a grid-like pattern, and the background is dark, making the green board stand out.

Thank You!!!

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