



NVIDIA GTC 2022
Fall Highlights

“Computing is advancing at incredible speeds.
The engine propelling this rocket is accelerated
computing, and its fuel is AI.

“At GTC, we announced new chips, new advances
to our platforms, and, for the very first time, new
cloud services.”

Jensen Huang



“GTC PROVIDES A GLIMPSE INTO THE FUTURE OF AI, AVs AND THE METAVERSE”

Forbes

227,000

REGISTRATIONS

46,000,000

KEYNOTE VIEWS

12,400+

PRESS ARTICLES

200

TALKS

300

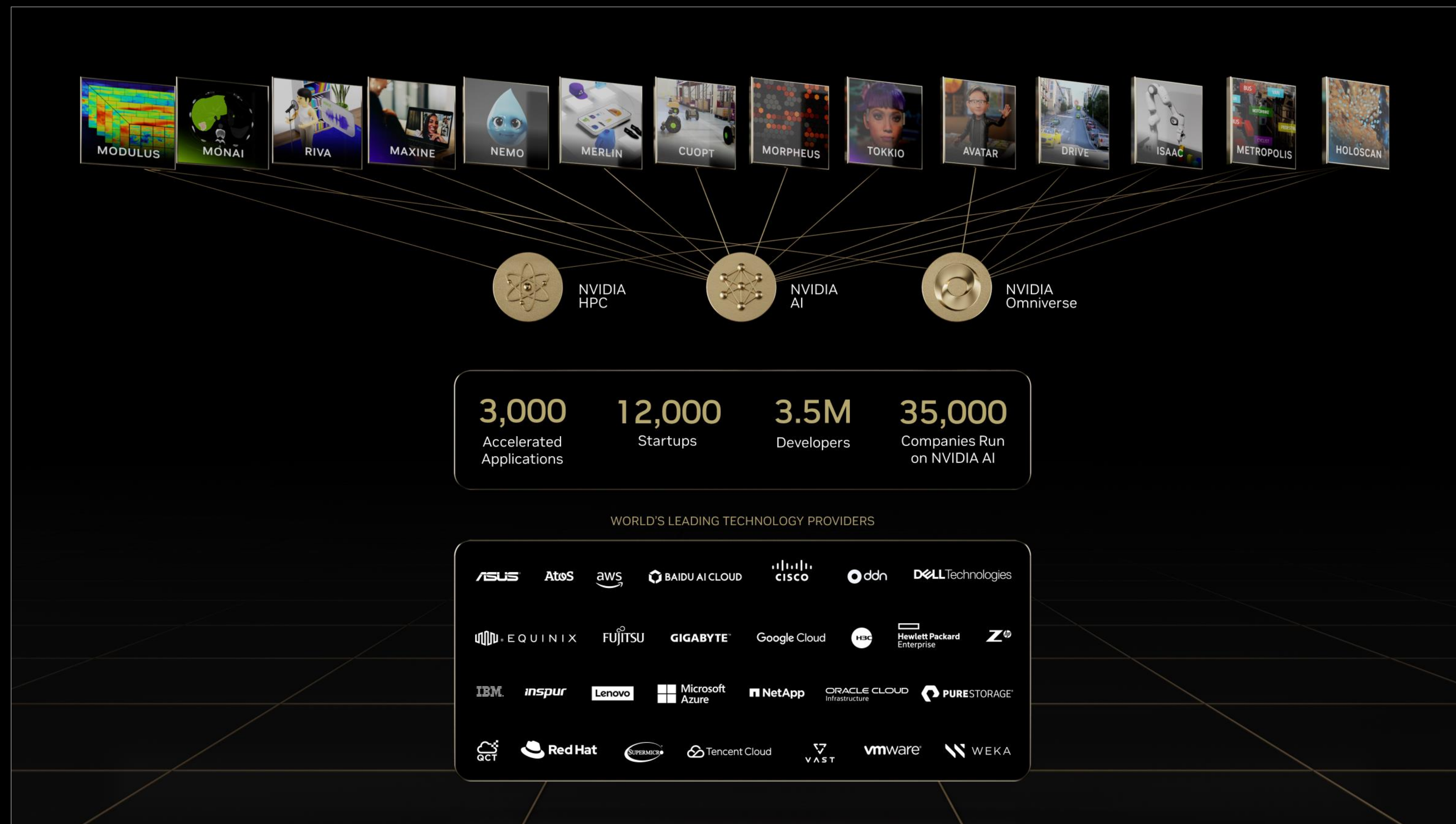
WATCH PARTIES

50+

PARTNER SPONSORSHIPS

“NVIDIA IS THE ONE-STOP SHOP FOR ARTIFICIAL INTELLIGENCE”

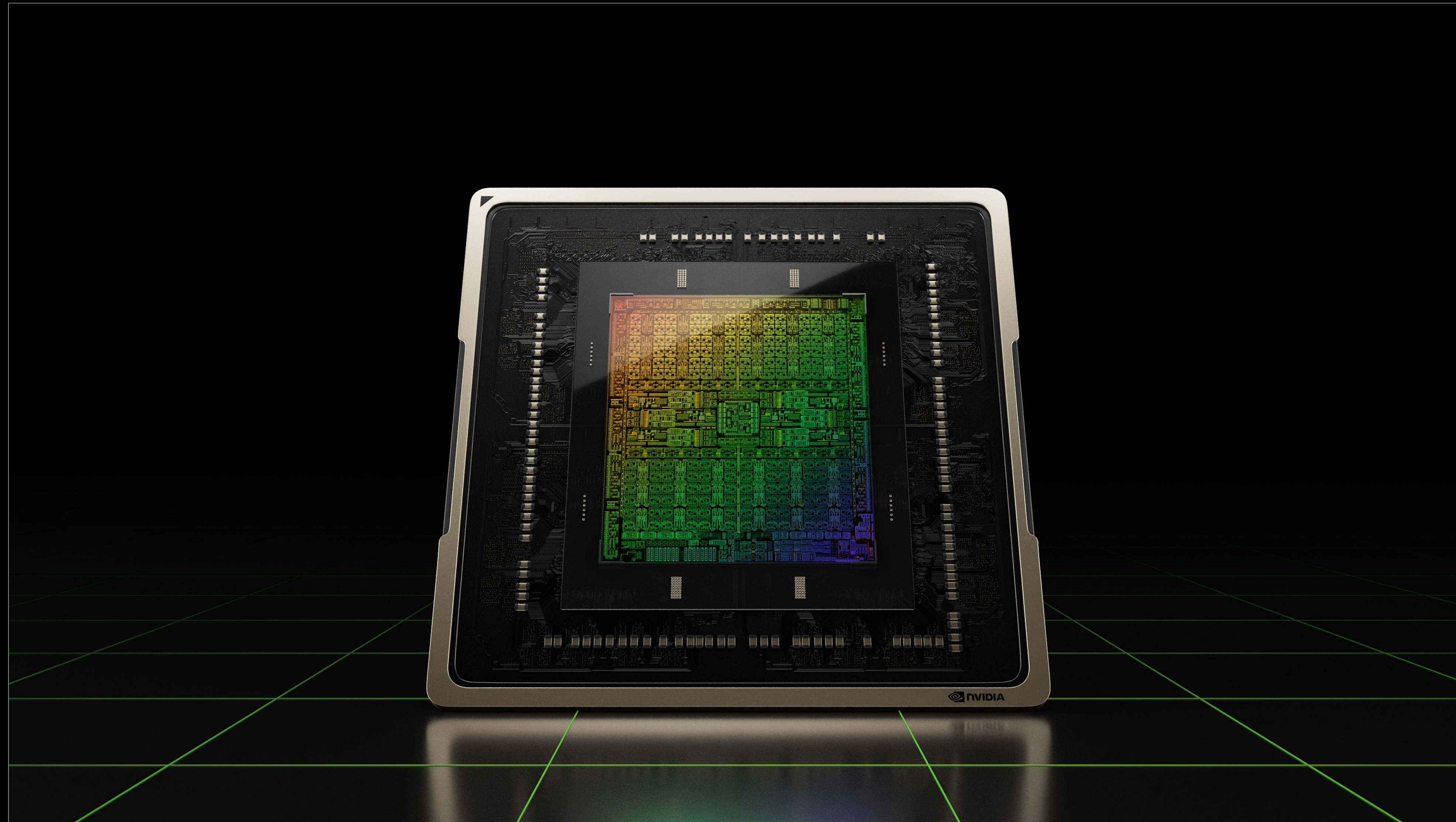
Elektronik Praxis



- “The NVIDIA platform now boasts 3.5 million developers. 12,000 start-ups are founding their companies on NVIDIA.
- “We accelerate some 3,000 apps through 550 SDKs and AI models. And the industries we serve represent some \$100 trillion of value.”

“NVIDIA ANNOUNCES ADA AND IT’S A HUGE LEAP”

ExtremeTech

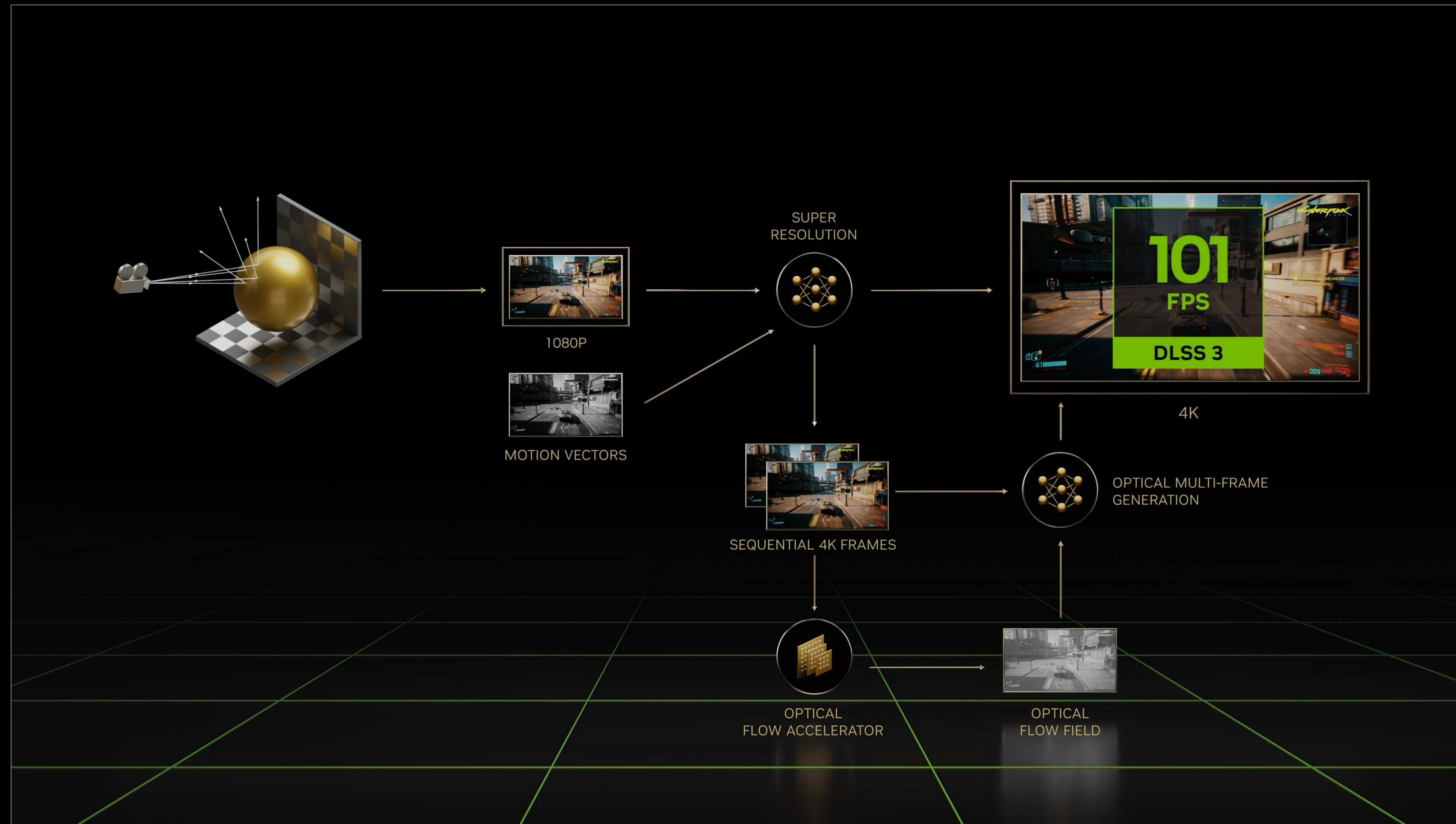


“A new era of RTX neural rendering has started. Ada is paving the way for future games to be fully simulated worlds.

“The total processing throughput of Ada is a massive leap over the Ampere generation and the performance shows.”

“NVIDIA PUTS AI AT CENTER OF LATEST GEFORCE GRAPHICS CARD UPGRADE”

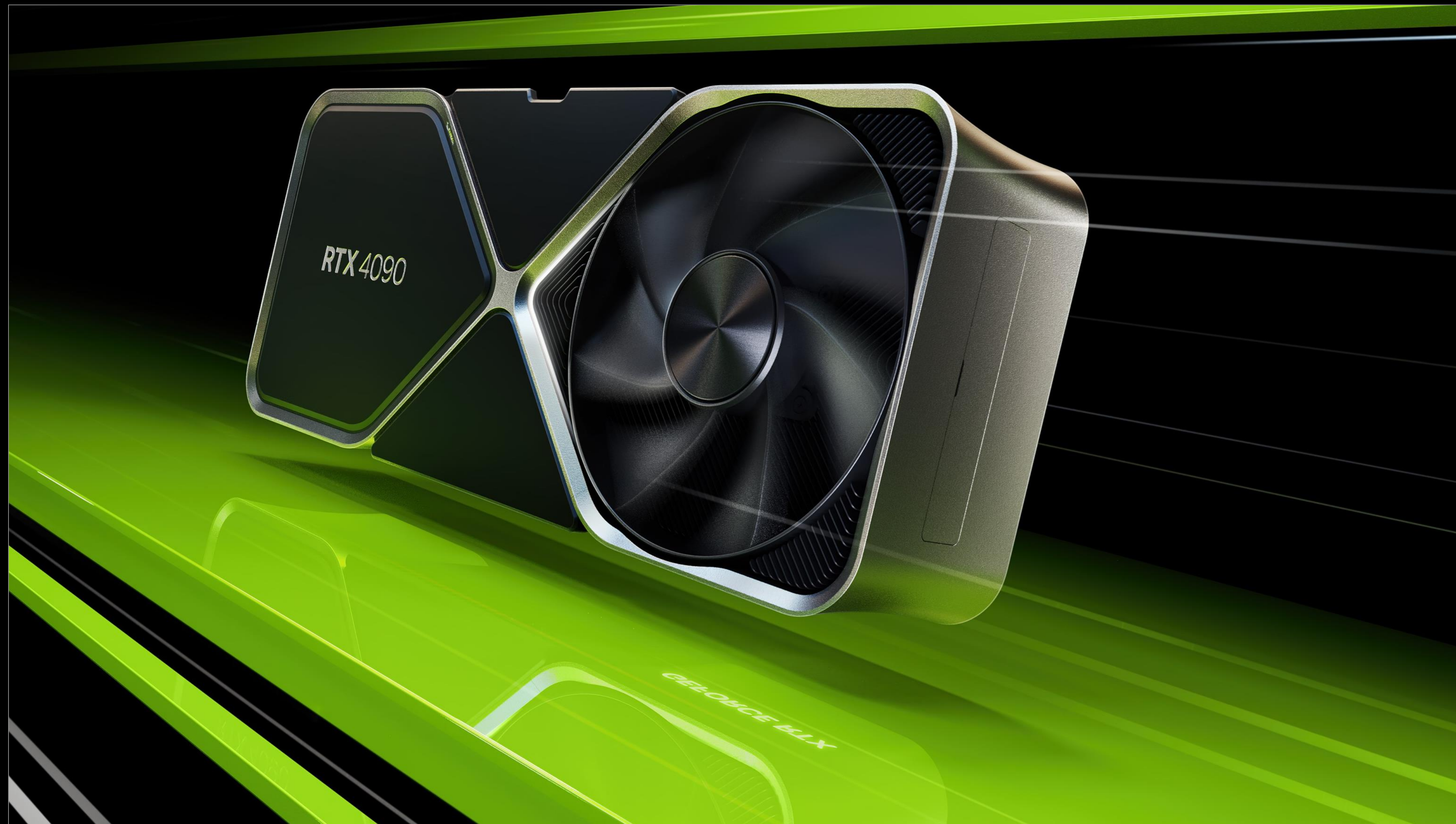
Bloomberg



“Ada introduces DLSS 3, adding a new AI that generates entirely new frames, rather than just pixels.”

“NVIDIA TAKES IT TO THE NEXT LEVEL WITH GEFORCE RTX 4090 & RTX 4080”

Windows Central



“ RTX 4090 and 4080 GPUs, start at \$899, delivering the ultimate performance to enthusiasts.”

“NVIDIA TO FUEL METAVERSE, CARS, & ROBOTS WITH OMNIVERSE UPDATES”

HotHardware



“NVIDIA UNLEASHES OMNIVERSE CLOUD FOR THE INDUSTRIAL METAVERSE”

TechRepublic



“The NVIDIA Omniverse Cloud is an infrastructure-as-a-service that connects Omniverse applications running in the cloud, on-prem, or on a device.”

“NVIDIA ADVANCES DIGITAL TWINS FOR RETAIL, RAIL AND TELCO”

VentureBeat



“ Deutsche Bahn uses Omniverse to build and operate a digital twin of 5,700 stations and 33,000 km of track.”

“AI-ENABLED DIGITAL TWINS TO ENHANCE PLANNING AND OPERATIONS FOR TELCO NETWORKS”

AEC Magazine



“ Charter and HeavyAI are using Omniverse to create digital twins of their 4 and 5G networks.. ”

“LOWE’S IS LEVERAGING NVIDIA OMNIVERSE TO CREATE DIGITAL TWINS”

Wall Street Journal



“Lowe’s is using Omniverse to design, build, and operate digital twins of their stores.”

“OMNIVERSE ACE ENABLES FAST DEPLOYMENT OF METAVERSE AVATARS”

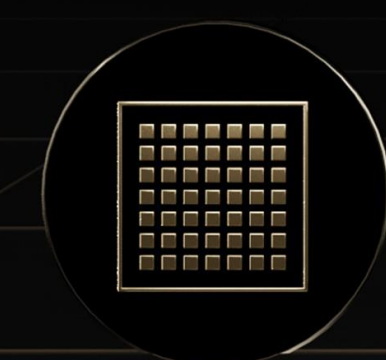
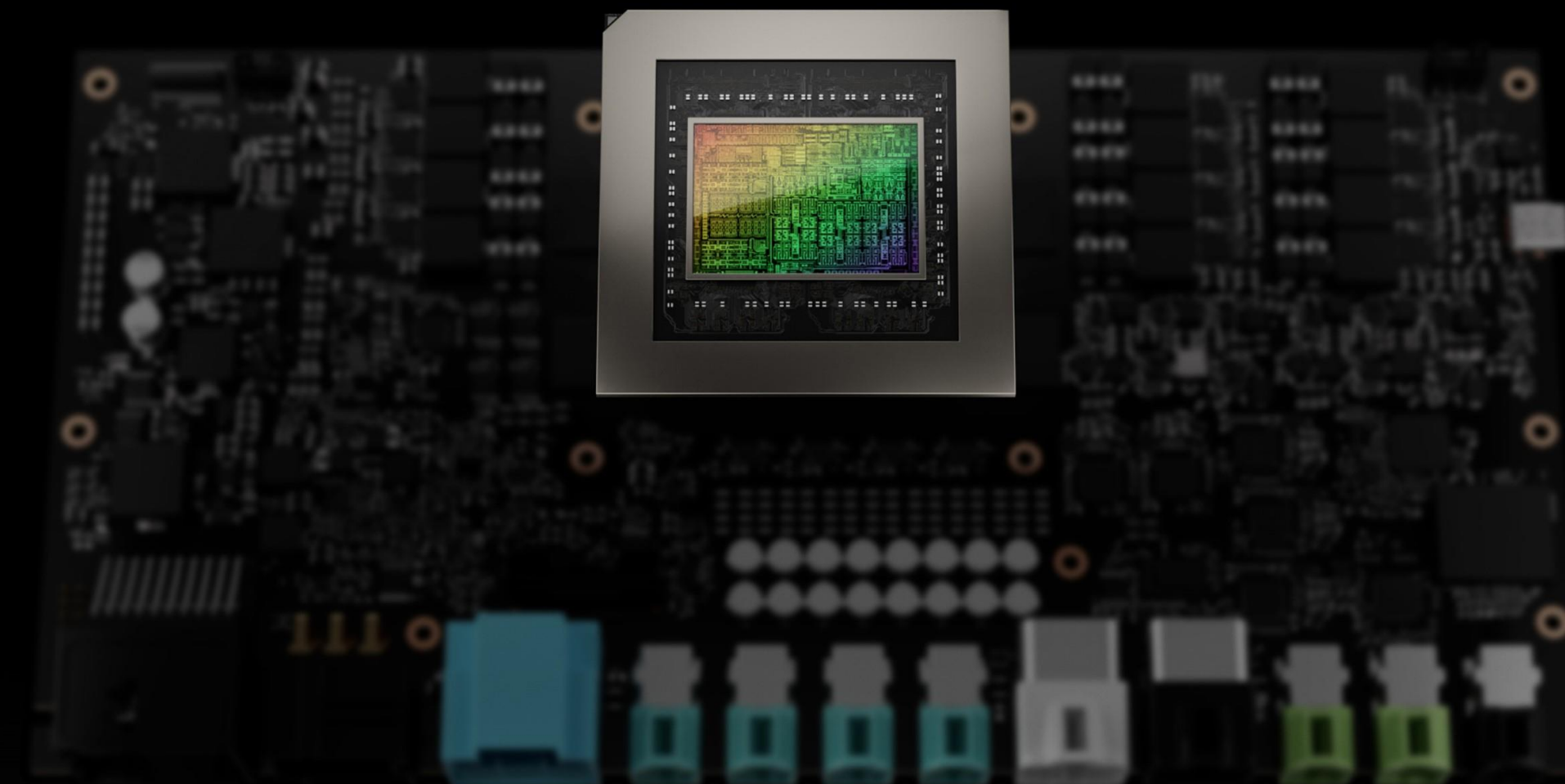
Report Door



“Avatars will do computer vision, speech AI, language understanding, and computer graphics in real-time and at cloud scale.”

“NVIDIA WANTS TO BE THE BRAINS OF YOUR SELF-DRIVING CAR”

CNET



2000 TFLOPs FP8
77B Transistors



Inference
Transformer Engine



Multi-Domain
Computing Isolation

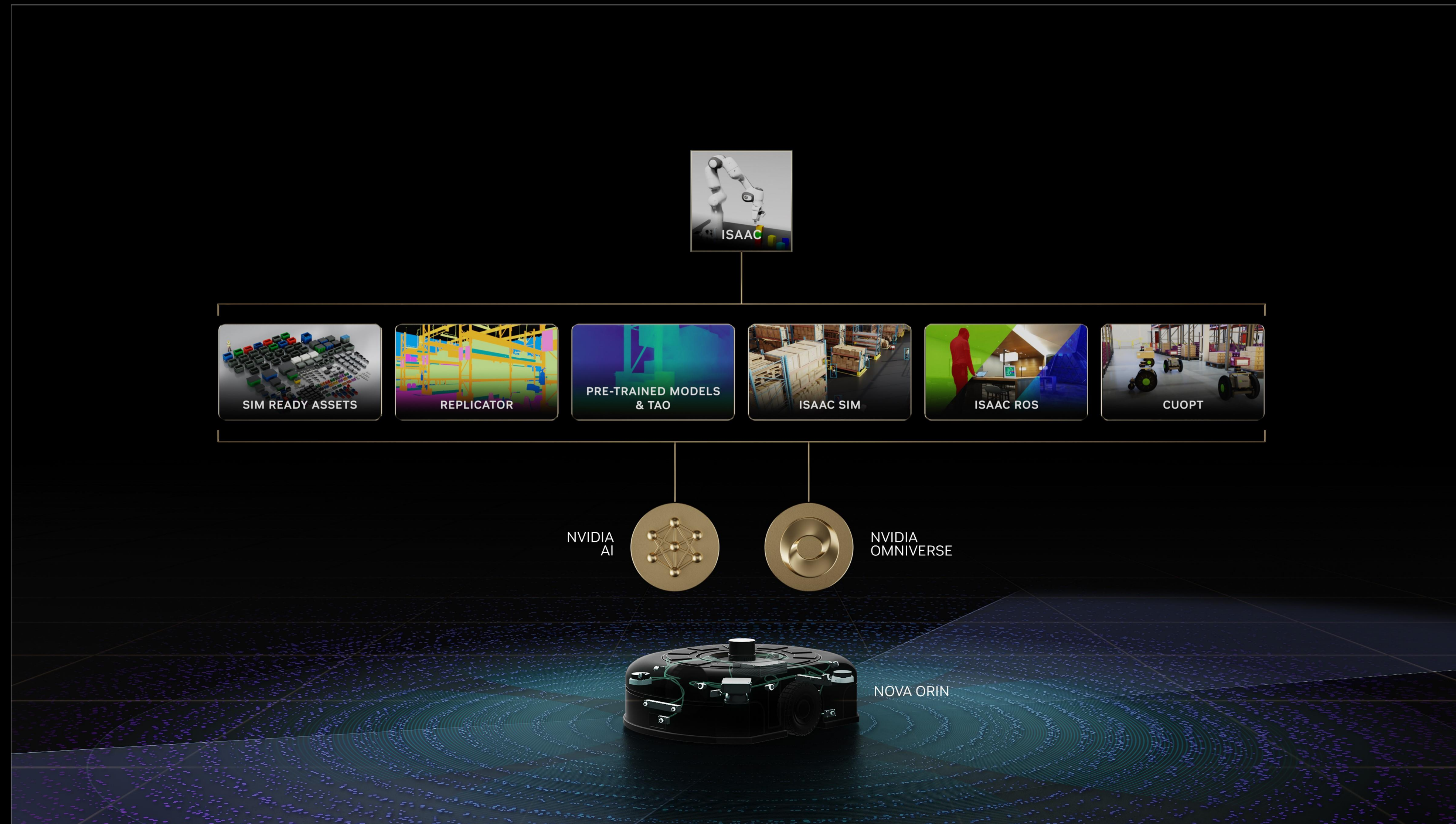


NVLink-C2C
Scalability

“Thor can dedicate all of its 2,000 TOPS and 2,000 TFLOPS to an autonomous driving pipeline. On one computer, you can simultaneously run Linux, QNX, and Android.”

“NVIDIA TAKES THE WRAPS OFF NEW ROBOTICS HARDWARE AND SERVICES”

TechCrunch



“The Jetson Orin Nano is 80x faster than our previous super-popular Jetson Nano.”

“NVIDIA PUTS ISAAC SIM ON THE CLOUD”

Robotics24/7



“Virtual worlds and simulation are essential to developing and operating robots. We are announcing that Isaac Sim is going to the cloud.”

“NVIDIA IS EXPANDING ITS EDGE AI TECHNOLOGY FOR HEALTHCARE”

List23



“Running on Orin IGX is NVIDIA Clara Holoscan, a low-latency imaging processing platform.”

“More than 70 leading medical device companies, startups, and medical centers are developing on Clara Holoscan.”

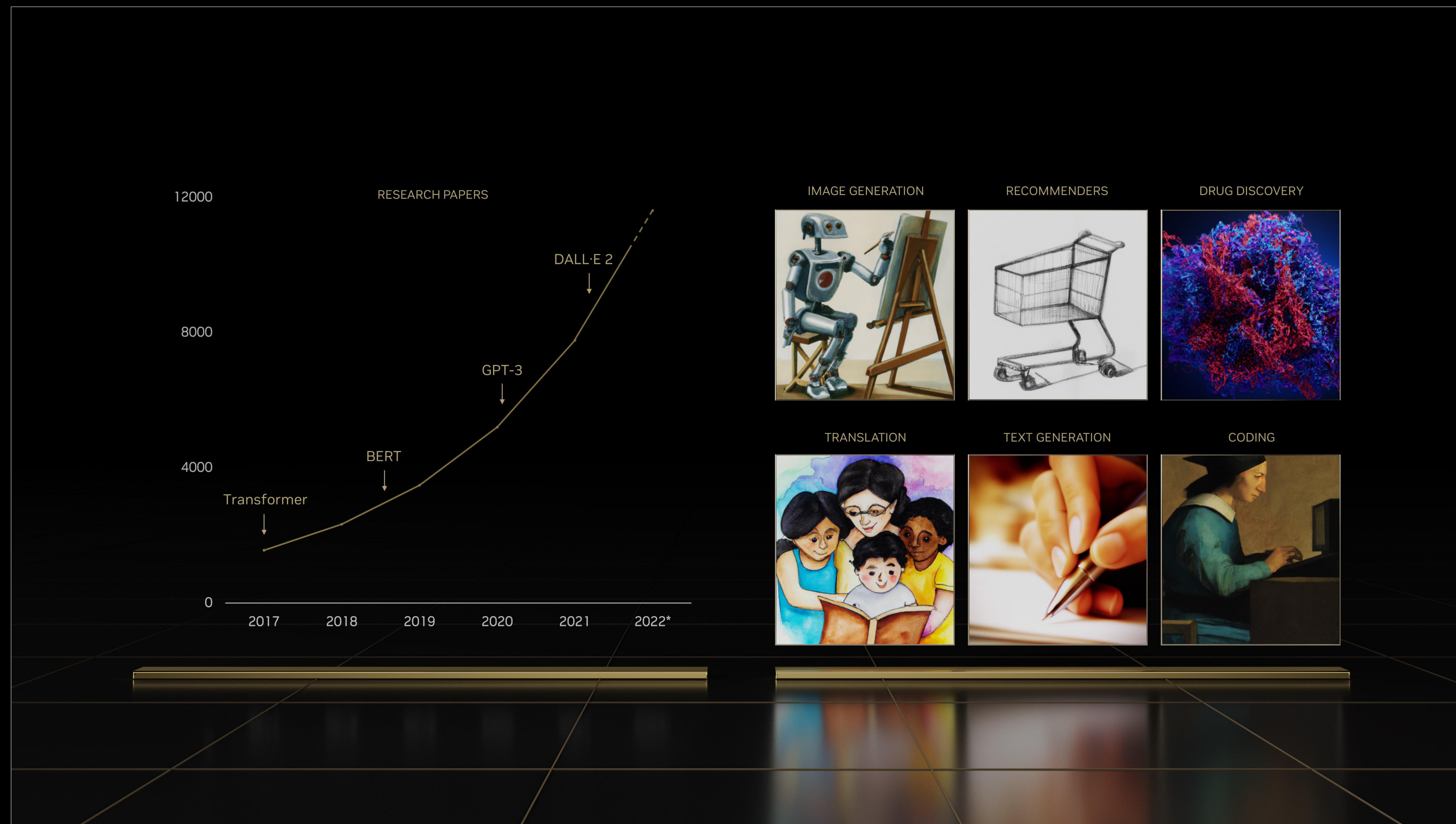
“NVIDIA H100 NOW IN FULL PRODUCTION”

AnandTech



“LLMs WILL BE ONE OF THE CHIEF AI USE CASES FOR THE H100”

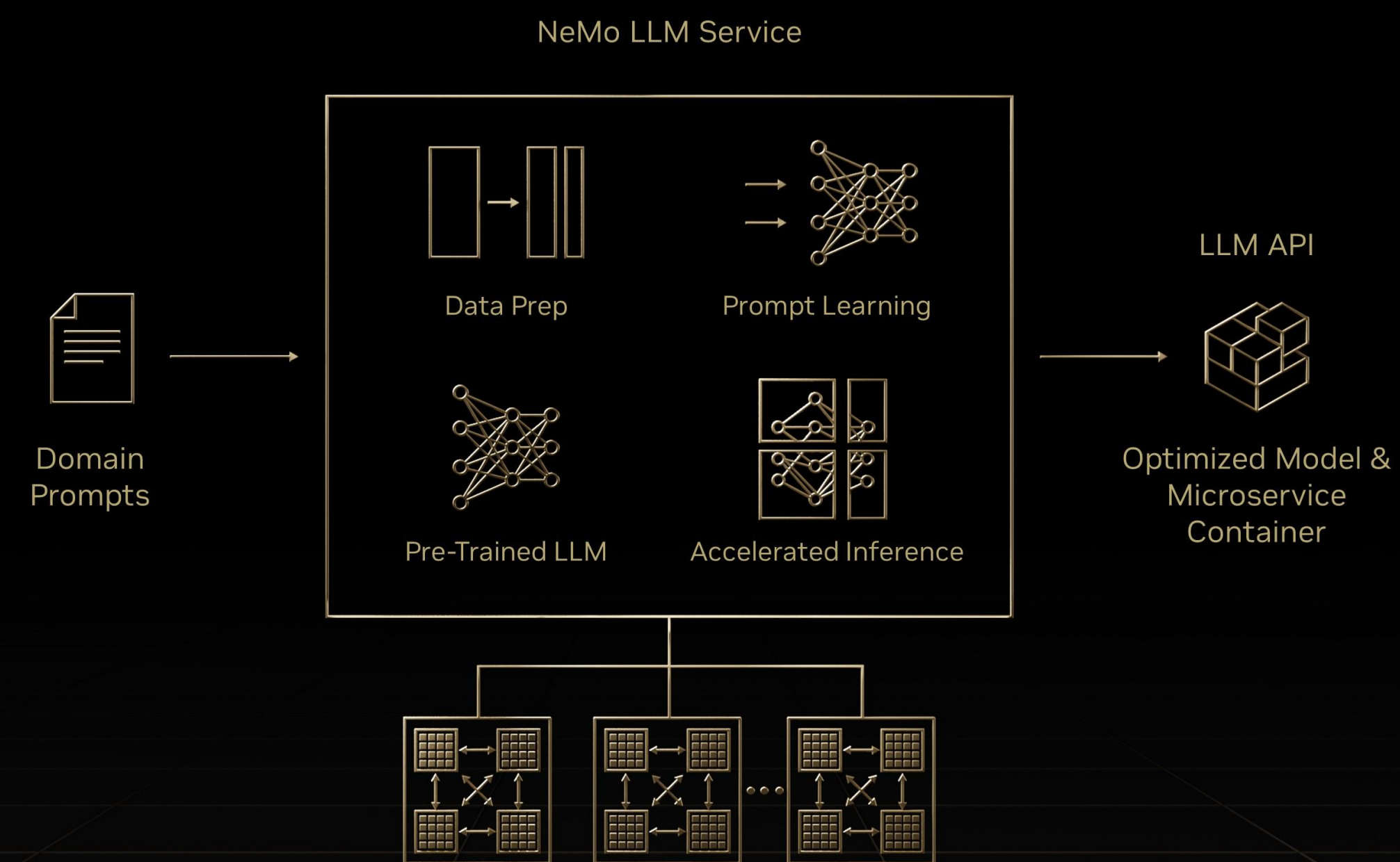
Fierce Electronics



“Hopper will make large language models, the most important AI of our time, accessible to everyone. LLMs can learn the representation of almost any complex sequence, even the language of chemistry and biology.”

“NEMO LLM SERVICE: NVIDIA’S FIRST CLOUD SERVICE MAKES AI LESS VAGUE”

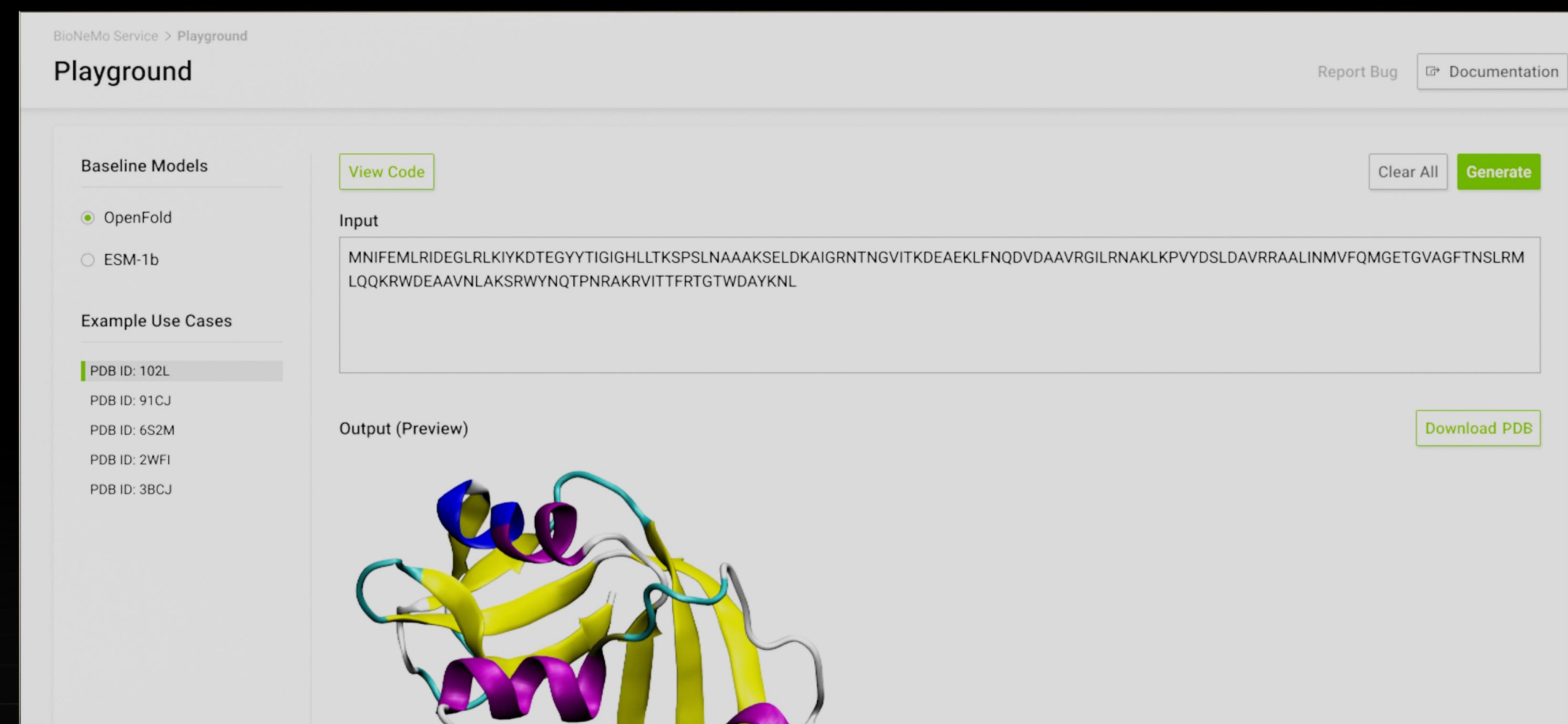
HPCWire



“We are announcing Nemo LLM Service, a cloud service that trains a LLM model to perform a task from examples you provide.”

“NVIDIA DEBUTS NEW AI TOOLS FOR BIOMOLECULAR RESEARCH”

silconANGLE



“ BioNemo LLM Service is a digital biology framework for researchers and developers to create LLMs that understand chemicals, proteins, DNA and RNA sequences.”

“MORE IMPORTANT ARE THE APPLICATIONS ENABLED BY THE GPU”

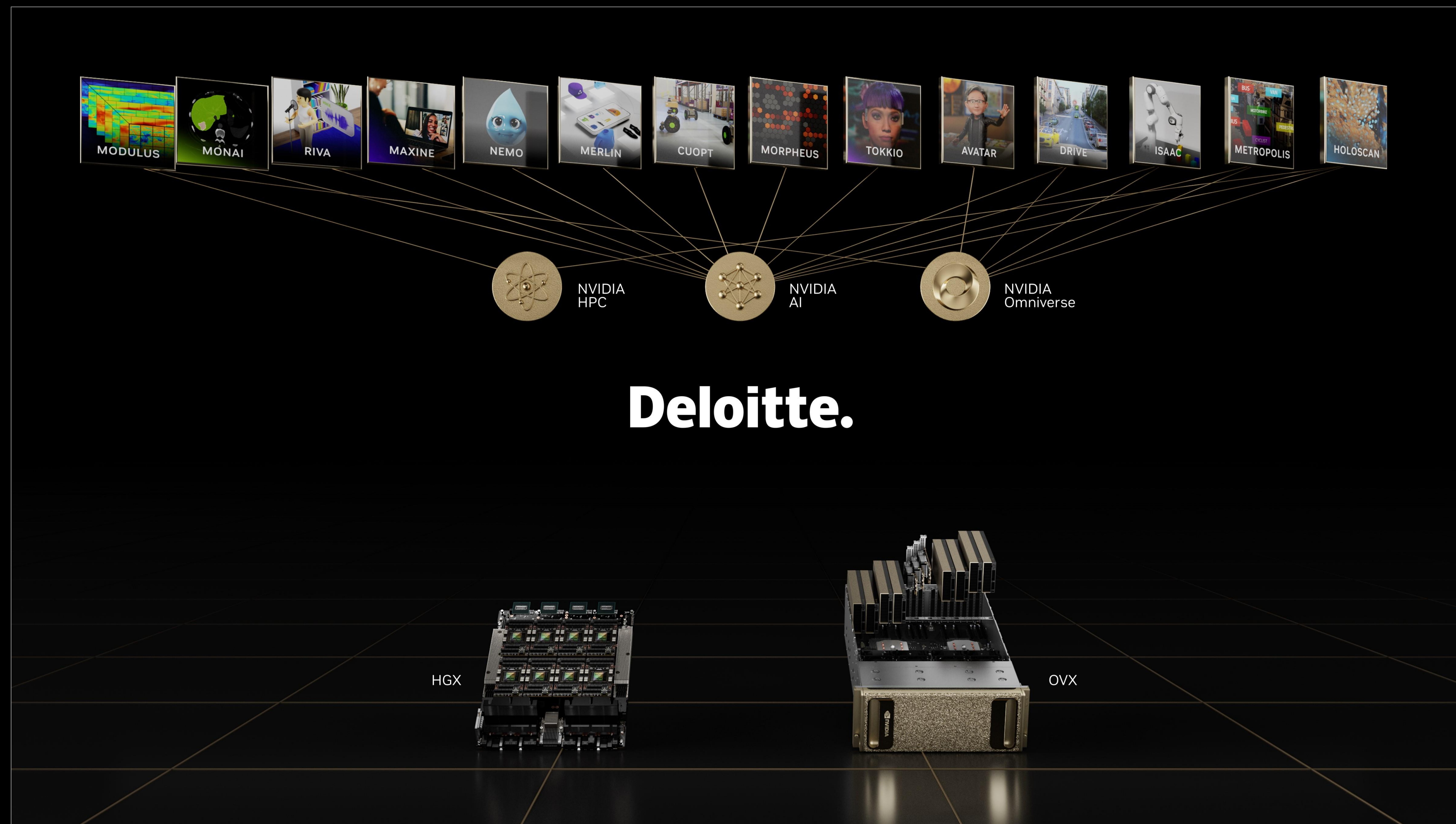
STRATECHERY/Ben Thompson



- “ We are expanding the reach of RAPIDS. 10 million Python developers on Windows can now access RAPIDS through WSL.
- “ NVIDIA RAPIDS-accelerated Spark can help our customers save millions on data processing spend.
- “ A major new Triton feature is LLM inference with multi-GPU and multi-node execution. Inference time is accelerated from many minutes to just a second.
- “ And we’re partnering with Booz Allen Hamilton to bring a Morpheus-powered cybersecurity platform to the public and private sectors.”

“NVIDIA-DELOITTE PARTNERSHIP AIMS TO ACCELERATE AI ADOPTION”

VentureBeat



“Deloitte, the world’s largest professional services firm, is bringing new services built on NVIDIA AI and NVIDIA Omniverse to the world’s enterprises.”

“NVIDIA REMAINS UNDETERRED, CRANKING OUT NEW HARDWARE & SOFTWARE TO SOLVE WORLD’S TOUGHEST PROBLEMS”

Forbes



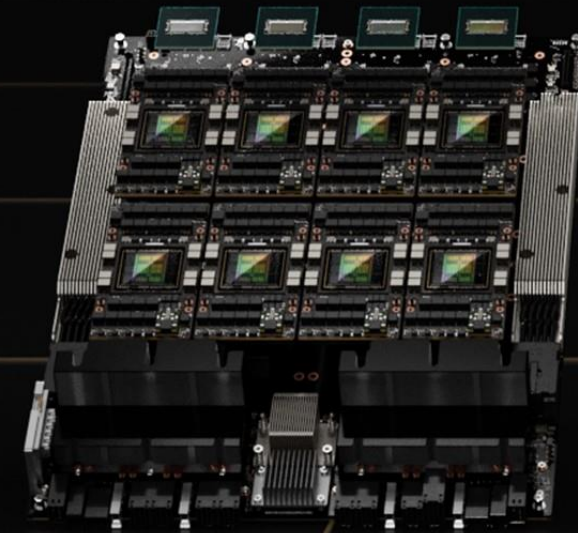
NVIDIA
RTX



NVIDIA
AI



NVIDIA
Omniverse



“GTC WAS LIKE WATCHING THE NEXT GENERATION OF THE COMPUTER INDUSTRY”

TGDaily



