



**POQUOSON ELEMENTARY SCHOOL CAREER DAY**  
KEVIN JONES, PRODUCT MANAGER



## KEVIN JONES

Father. Technologist. Musician. Surfer

Used to surf and play music... now I'm raising kids!

Alexander 16, Mary 14, Riley 11

### Coach:

- Basketball
- Soccer
- Baseball

### Life's Work:

- NVIDIA Sep 2020 - Now
- Red Hat 2015 - 2020
- Government Contractors 2001-2015

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Steam  
ESRB: TEEN

[VIEW DETAILS](#)



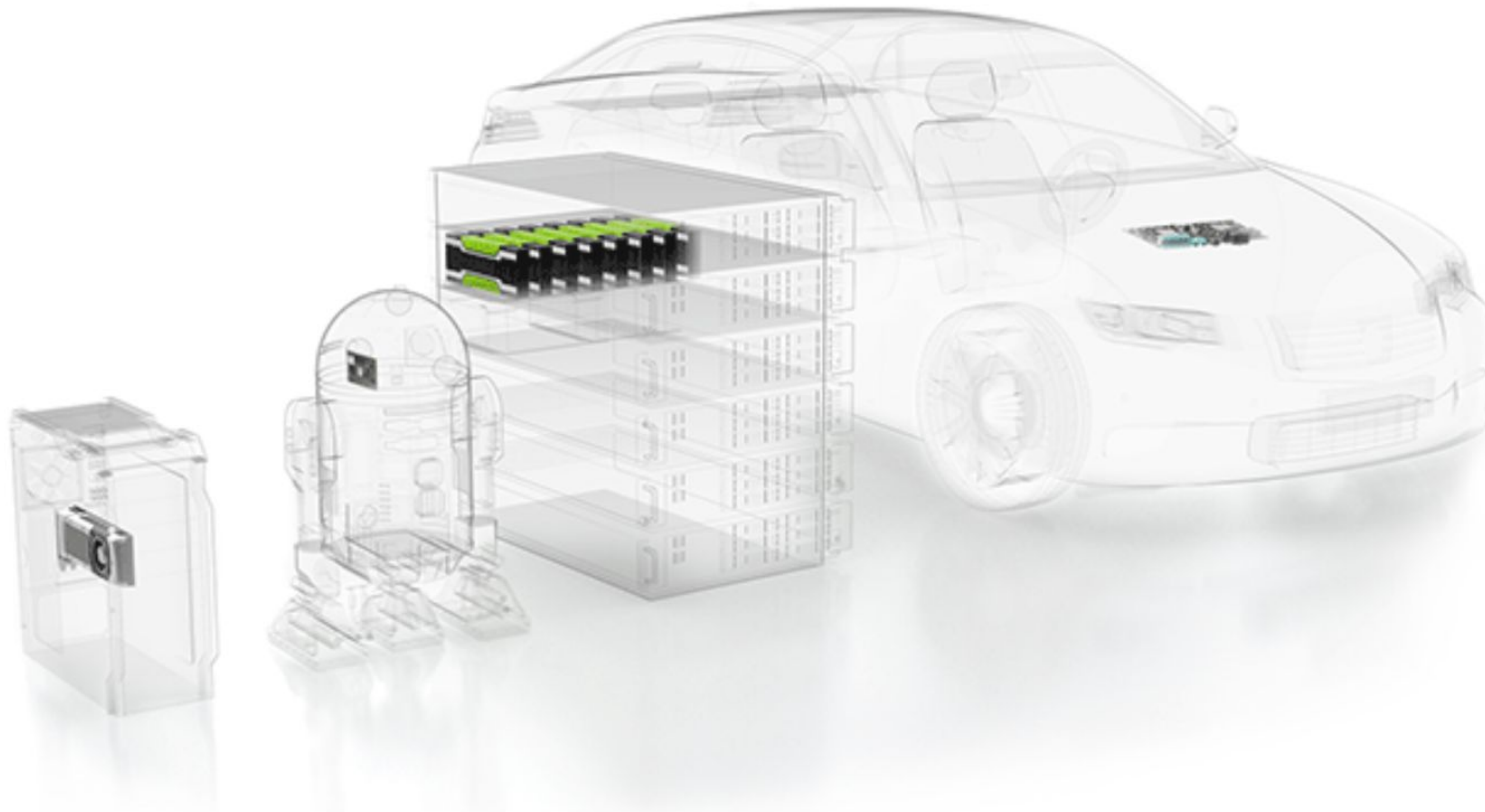
## GFN Thursday

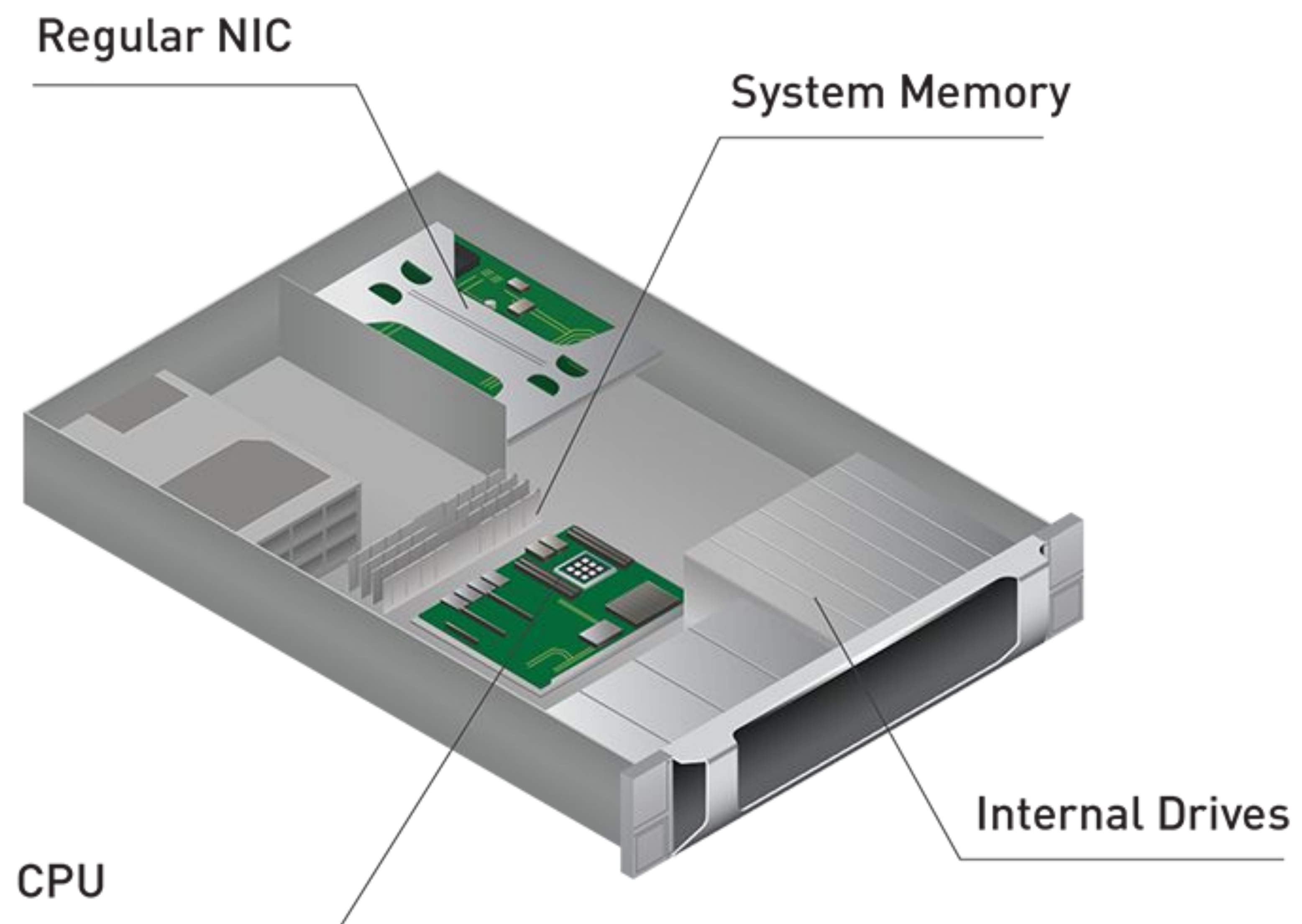




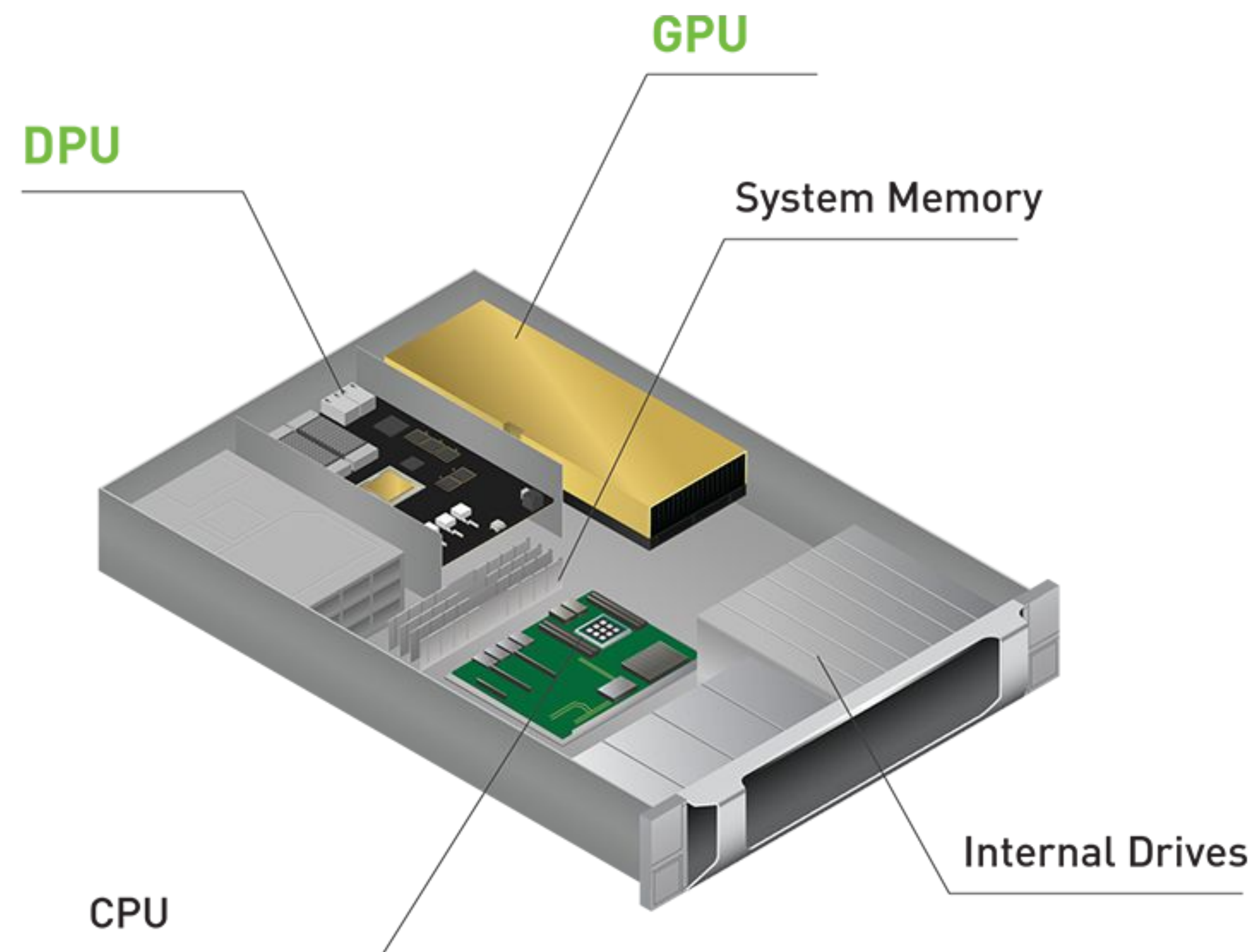
# Accelerating AI with GPUs: A New Computing Model

January 12, 2016 by [JENSEN HUANG](#)





**Traditional System**



**Accelerated System**



**CPU**

VS



**GPU**



# Explore DGX H100

- **8x NVIDIA H100 GPUs With 640 Gigabytes of Total GPU Memory**

18x NVIDIA® NVLink® connections per GPU, 900 gigabytes per second of bidirectional GPU-to-GPU bandwidth

- **4x NVIDIA NVSwitches™**

7.2 terabytes per second of bidirectional GPU-to-GPU bandwidth, 1.5X more than previous generation

- **10x NVIDIA ConnectX®-7 400 Gigabits-Per-Second Network Interface**

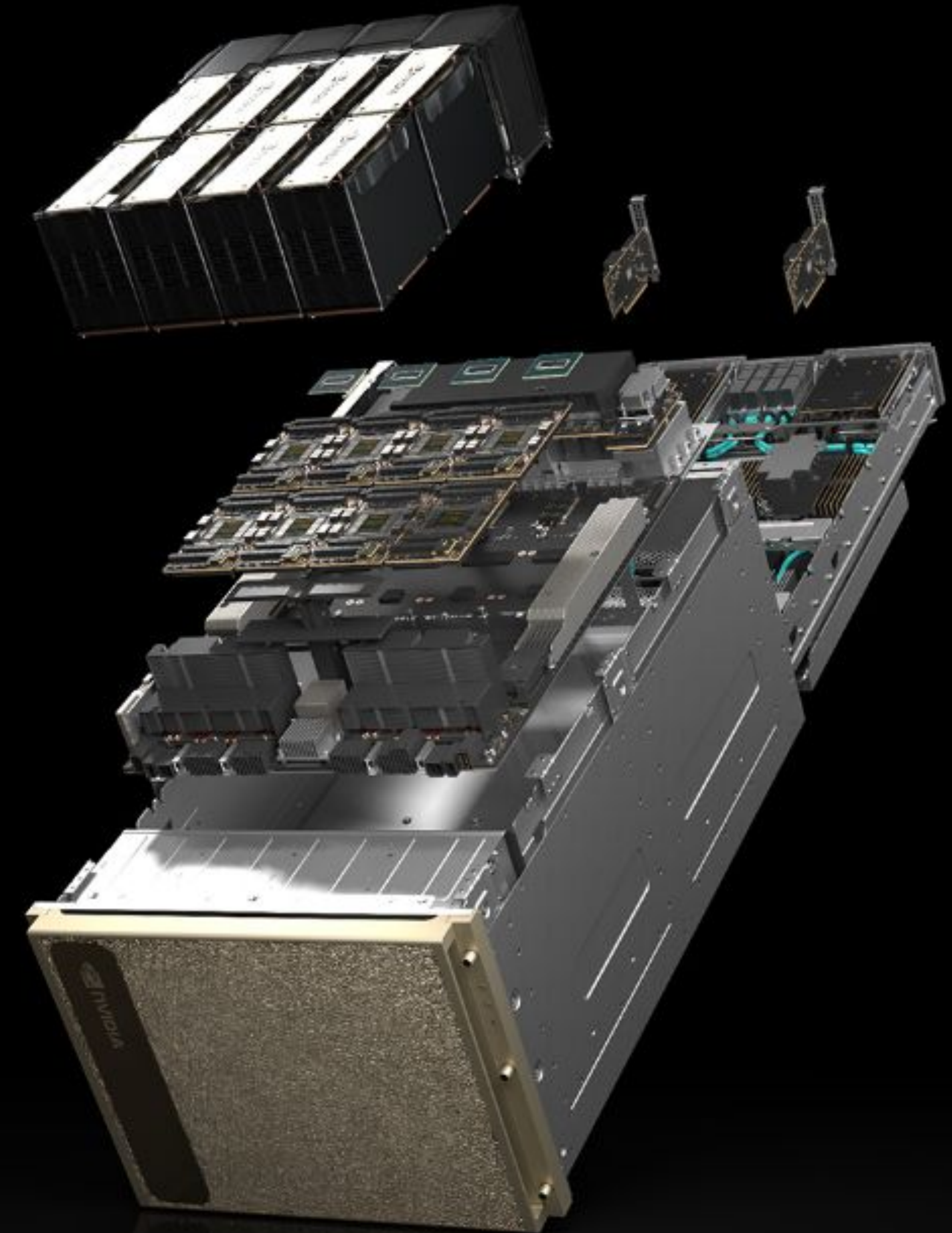
1 terabyte per second of peak bidirectional network bandwidth

- **Dual 56-Core 4th Gen Intel® Xeon® Scalable Processors and 2 TB System Memory**

Powerful CPUs for the most intensive AI jobs

- **30 Terabytes NVMe SSD**

High speed storage for maximum performance



## Get Immediate Access to Hands-On Labs

Ready for a hands-on experience with NVIDIA software solutions? Pick a lab to begin your journey.

All AI Data Science 3D Design Collaboration and Simulation Infrastructure Optimization AI Workflows



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### Build Session-Based Recommenders

**Best for:** AI practitioners, developers

**Included products:** NVIDIA Merlin, NVIDIA AI Enterprise

**Included technologies:** NVIDIA Merlin Transformers4Rec

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### Intelligent Virtual Assistant

**Best for:** AI practitioners, developers

**Included products:** NVIDIA Riva, NVIDIA AI Enterprise, NVIDIA-Certified Systems

**Included technology:** NVIDIA Riva ASR and TTS APIs

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### Audio Transcription

**Best for:** AI practitioners, developers

**Included products:** NVIDIA Riva, NVIDIA AI Enterprise, NVIDIA-Certified Systems

**Included technology:** NVIDIA Riva ASR and TTS APIs

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### Customizing Text-to-Speech With NVIDIA Riva

**Best for:** AI practitioners

**Included products:** NVIDIA Riva, NVIDIA AI Enterprise

**Included technologies:** NVIDIA Riva, NVIDIA TAO, NGC

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### Build AI-Based Cybersecurity Solutions

**Best for:** AI practitioners

**Included products:** NVIDIA Morpheus, NVIDIA-Certified Systems



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### Digital Fingerprinting to Detect Anomalies

**Best for:** AI practitioners

**Included products:** NVIDIA-Certified Systems, NVIDIA AI Enterprise



★ FEATURED

### Bring Your Own Data to Omniverse Enterprise

**Best for:** 3D designers

**Included products:** NVIDIA Omniverse Enterprise (Enterprise Nucleus Server, Omniverse Create



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### Explore Real-Time Iteration in a Detail-Rich 3D Environment

**Best for:** 3D designers

**Included products:** NVIDIA Omniverse Enterprise (Enterprise Nucleus Server, NVIDIA Omniverse



I'm a project manager at NVIDIA presenting at Career Day at Poquoson Elementary School tomorrow. Can you say hi to the students and give them a simple explanation on how you work?



Hello Poquoson Elementary School students! As an AI language model, I work by using complex algorithms and large amounts of data to understand and respond to your questions and requests. I don't have feelings or emotions like humans do, but I'm designed to be helpful and provide you with accurate information. Think of me as a really smart computer program that you can talk to like a friend!



This is great! Thanks. Can you tell them a funny 5th grade joke?



Sure, I'd love to tell a joke! Here's one for you:



Why did the math book look so sad?  
Because it had too many problems.

I hope that made you smile!

ChatGPT (Generative Pre-trained Transformer)

Will require 30,000 NVIDIA GPUs to run!



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