



WE KNOW YOU ARE CONTINUALLY INNOVATING TO OUTPACE YOUR COMPETITORS IN THIS INTENSIVELY SECRET INDUSTRY.

WE'RE HERE TO HELP.

SO HERE ARE THREE THINGS THAT MAYBE YOU'D WANT TO CONSIDER OPENING UP TO:

- Providing hardware that gets faster and faster every month.
- Leveraging the global artificial intelligence expertise and leadership of both HPE and NVIDIA®.
- Streamlining DevOps so that you can bring your models to market faster.

HPE AND NVIDIA: TOGETHER, WE SOLVE THE WORLD'S GREATEST TECH CHALLENGES

Our partnership is geared to help enterprises deploy, manage, and optimise their GPU computing infrastructure and realise the benefits of AI and deep learning more quickly. We help to solve the GPU technology integration and deep learning expertise challenges commonly experienced by companies adopting new technologies.

A powerful and enduring collaboration

The global HPE and NVIDIA innovation and research teams have been collaborating for years, delivering innovative breakthroughs in GPU integration, AI and deep learning since 2008, when we jointly developed the first passively cooled GPU to improve GPU density. Together we now power some of the world's fastest super computers.

- HPE tests and tunes to optimise NVIDIA GPUs for HPE server platforms, running extensive integration testing
- HPE is serious about stress testing and contributes to NVQual to ensure that every systems component is tested, informing NVIDIA's published numbers
- HPE works on—and enables additions to—stock NVIDIA firmware wherever possible, being closely tied to its development
- HPE platforms are NGC-Ready, which means you use highly optimised versions of open-source software right from the off: easy-to-deploy finely-tuned AI frameworks, HPC application containers, pre-trained models and workflows with best-in-class accuracy and performance.

Take advantage of HPE and NVIDIA joint R&D investment, focus and support to keep your performance at the leading edge.



Our teams at HPE and NVIDIA innovate and develop products and solutions together—there's no other strategic partnership like it.



EVOLUTIONARY INTELLIGENCE FOR REVOLUTIONARY RETURNS

Forget traditional CPU architectures—GPUs are the solution for dramatically accelerating your AI and machine learning. NVIDIA's exceptional processing power is an integral part of the HPE portfolio—perfect for the complexities of capital markets.

Your quants can now capitalise on AI and deep learning at scale to accelerate and amplify data aggregation, analysis and insights.

Our purpose-built GPU compute portfolio integrates NVIDIA's processing power with HPE computing excellence to create a world-class AI ecosystem that's perfect for formulating, testing and implementing your models and strategies in pursuit of optimised returns.

- Better prediction accuracy
- Increased volume handling
- Condensed model training times
- New releases to accelerate performance each month

**Harness the AI superpower
that is accelerating
hardware performance.**



ANALYSE THE PAST, MASTER THE PRESENT AND FORECAST THE FUTURE WITH CONFIDENCE

- Reading market conditions
- Harvesting, ingesting and consolidating real-time data from diverse sources
- Market analysis
- Learning from earnings reports
- Real-time risk calculations
- Generating trading signals
- High-frequency trading
- Producing model generation systems

And, of course, researching, developing and refining algorithms through historical simulation.



**Train your AI models in hours,
not weeks.**

A UNIQUE AND POWERFUL COLLABORATION

- HPE and NVIDIA share a development roadmap
- We engineer, develop and test together
- We combine our strengths to deliver exponential performance gains and support for clients
- Our integrated approach supports the swift turnaround and implementation of new solutions

When it comes to software, NVIDIA GPU Cloud (NGC) provides you with highly optimised versions of open-source software that save you DevOps time, with easy-to-deploy, finely-tuned AI frameworks, HPC application containers, pre-trained models and workflows with best-in-class accuracy and performance.

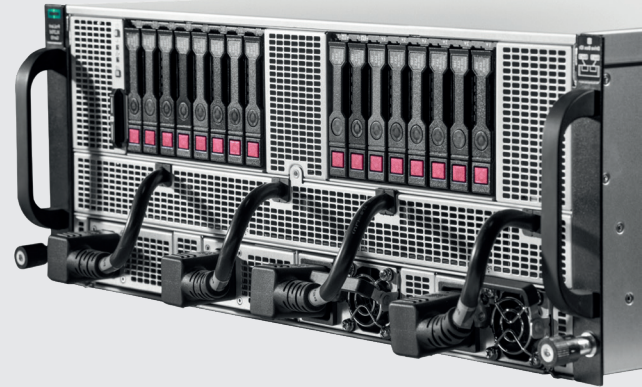
Together, we can provide you with valuable input on how to scale AI solutions from your initial proof-of-concept and proof-of-value solutions.

WORLD CLASS PERFORMANCE, ENTERPRISE-LEVEL SUPPORT

Deploy what you need, where and when you need it, while reducing cost of ownership. No more chasing around with different suppliers and integrators: we take our duty of care seriously, acting as a single supplier to give you unprecedented and direct access to the right expertise, whenever you need it

HPE Apollo 6500 Gen10 System

- Flexibility for deep learning and HPC environments
- Resilient secure and simple for lower TCO
- Accelerate performance for GPU intensive workloads
- From 4 - 8 GPUs per server
- Industry-leading NVIDIA accelerators
- Connected by NVLink at up to 300GB/s
- NGC-Ready platform



HPE E Z M E R A L

A solution that brings DevOps-like agility to the entire machine learning lifecycle.



Faster time-to-value: You can manage and provision development, test, or production environments in minutes as opposed to days; and instantly onboard new data scientists with the preferred tools and languages

Improved productivity: Data scientists spend their time building models and analyzing results rather than waiting for training jobs to complete.

Reduced risk: It provides enterprise-grade security and access controls on compute servers and data. High availability deployments help ensure critical applications do not fail.

Flexibility and elasticity: You can deploy on-premises, cloud, or in a hybrid model to suit your business requirements. HPE Ezmeral ML Ops autoscales clusters to meet the requirements of dynamic workloads.

HPE POINTNEXT SERVICES

- Draw on the expertise of more than 25,000 specialists
- Innovative advisory and professional IT services
- Guidance, best practice and coaching



WHEN YOU'RE DEALING WITH COMPLEX QUESTIONS, HPE AND NVIDIA CAN PROVIDE ALL THE RIGHT ANSWERS TO ADD REAL VALUE FOR BUSINESS.



Reach out to us at UK_AI@hpe.com to connect our engineering teams and create a proof-of-value that illustrates the potential gains for your business.

Make the right purchase decision.
Contact our presales specialists.



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