

HPE



Brochure

**Accelerate AI
success with
NVIDIA AI
Computing
by HPE**



AI holds immense potential for changing the way business is done — unleashing new insights, knowledge, experiences, and potential. Organizations are keen to make the most of AI and already have big ambitions for their rollouts. Over the next 12 months, 94% of organizations plan to increase their AI budget¹ to accelerate the pace of deployment.

Despite this high investment, however, the bulk of organizations are still in the planning or initial application phase of their AI journey — and are using AI more for operational efficiency than business growth. Making the transition from pilot to production, and reaching the business growth end goal, is complex. Adoption is often hindered by concerns around:

- Data leaks and management
- New risks to reputation, customer experience, and business growth through improper use
- A lack of specialized skills and experience
- Not delivering ROI

To overcome these barriers, organizations need to be able to rapidly iterate on AI pilots while mitigating risks, empower data scientists and developers to innovate faster, partner with experts on prioritizing the right use cases for business value, and scale as demand within the enterprise grows.

Fewer than

1 in 10

AI projects get beyond pilot and into production²

Accelerate AI success with HPE and NVIDIA. NVIDIA AI Computing by HPE is a joint initiative that enables enterprises to accelerate their AI success. It brings together technology, people, and economics to give enterprises across all industries and levels of technical expertise a faster, more flexible path to developing and deploying generative AI applications.

NVIDIA AI Computing by HPE

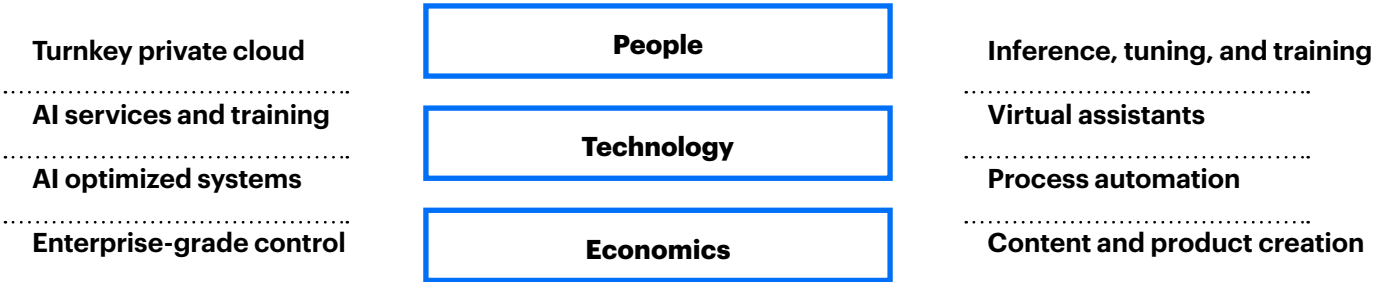


Figure 1. The three core components of NVIDIA AI Computing by HPE: people, technology, and economics

¹ “[Architect an AI Advantage](#),” Sapio Research survey commissioned by HPE, January 2024

² “Reasons why generative AI pilots fail to move into production,” Forbes, January 8, 2024. Cites study by Everest Group in partnership with Yates Ltd. and Calypso AI.

People: Work with experts and develop new skill sets

To address gaps in skills and experience necessary for harnessing the full potential of AI, NVIDIA AI Computing by HPE brings AI knowledge, expertise, and services to customers.

- **Providing global expertise and capabilities throughout the entire AI lifecycle**

From Day 1 consulting right through to design, implementation, and ongoing management, HPE Services experts provide support throughout the entire AI lifecycle. Customers just getting started on their AI journey have access to advisory services and workshops while those further along can get support with solution tailoring and optimization. Since each customer’s needs are unique, Hewlett Packard Enterprise also partners with various global systems integrators (GSIs) and software service delivery partners to help ensure those needs are fully met.

— **Developing customer AI skills**

Customers can improve their own AI technical competency in-house with access to a diverse set of learning resources, including self-paced courses from NVIDIA Deep Learning Institute and instructor-led courses through HPE Education Services.
- **Training the global AI technical and partner community**

To help accelerate time to market for customers, HPE and NVIDIA have developed a comprehensive and unified technical curriculum to deeply skill the HPE global AI technical and partner community. Comprised of elements from both NVIDIA and HPE, the training develops the specialized skills and credentials needed for the solutioning, configuring, and deployment of HPE and NVIDIA AI solutions.
- Build industry-focused AI solutions with support from GSI services partners**

 - Deloitte
 - HCLTech
 - Infosys
 - TCS
 - Wipro

Table 1. A table visualizing value-added services throughout the lifecycle phases of HPE Private Cloud AI from advise and consult to run and optimize

Value-added services available across lifecycle phases HPE Private Cloud AI			
Day -1 (advise and consult)	Day 0 (design and plan)	Day 1 (implement and integrate)	Day 2 and beyond (run and optimize)
— Opportunities conversation — Best practice education — AI adoption readiness — AI business case development	— Technical design — Scalable and secure data foundation for AI technical design — TCO and sustainability calculator	— HPE Private Cloud AI integration — Data governance service — Security integration — AI solution tailoring	— Performance optimization — Compliance and security assurance — AI model management — MLOps automation

Combines NVIDIA AI computing, networking, and software with AI storage from HPE, compute, and HPE GreenLake cloud to support a wide variety of use cases:

- Virtual assistants for increased productivity
- Automation for streamlining operations
- AI-driven content creation and product development for accelerating revenue growth

Technology: Accelerate AI deployments and protect from risk

To help get AI pilots into production faster and manage enterprise risk, the first solution to come from NVIDIA AI Computing by HPE is a full-stack, turnkey private cloud for enterprise AI.

HPE Private Cloud AI delivers a self-service cloud experience to simplify AI complexity, improve productivity, and speed time to value — all while keeping data private, secure, and under complete control of enterprise IT.

Designed to support inference, RAG, and fine-tuning use cases leveraging data across hybrid cloud environments, HPE Private Cloud AI can be deployed on-premises in colocations, data centers, or edge locations. And unlike AI solutions based on reference frameworks that can take months to plan, build, and deploy with professional services, it comes ready to use out of the box — providing productivity to AI and IT teams in minutes.

HPE Private Cloud AI is all managed through HPE GreenLake cloud, which means that while it's ready to use today, it's also ready to grow with customers tomorrow, enabling them to expand and add new AI capabilities as demand grows.

Instant AI productivity

2x increase in developer productivity with self-serve access to essential AI tools³

Unified access to all your data

One global namespace to reduce data siloes and deliver seamless access to different data types, anywhere

Enterprise-grade confidence and control

Multilayered controls to protect data and models and maintain performance and reliability of AI infrastructure

Cloud experience that keeps data private

Deployed on-premises, designed for hybrid; flexible and modular with cloud technologies, economics, and scalability



³ 2x developer productivity increase is based on 2023 UA data: Reduction in total time to build, train, evaluate, and operationalize ML model using bespoke tools in comparison with fully integrated workflows and self-service access to data and ML frameworks.

Economics: Optimize AI costs long term

To help with investments into AI, NVIDIA AI Computing by HPE supports customers with creating investment capacity and flexibility across the AI lifecycle.

- **Monetize existing IT investments**—HPE Financial Services (HPEFS) can help free up financial capital trapped in existing infrastructure to fund new AI investments.
- **Stabilize legacy systems**—HPEFS can also help customers to stabilize their legacy platforms, which may be a lower priority for investment than other systems supporting AI initiatives. HPEFS do this with the provision of HPE Certified Pre-owned systems, parts, and subassemblies that can be custom configured for deployment. This allows a customer to keep some systems running and stable for an extended period, enabling investment dollars to be concentrated on other priorities.
- **Innovative and flexible financing structures**—As-a-service models enable customers to deploy new technologies immediately and pay over time. These structures can help customers avoid massive capital outlay and build in IT lifecycle upgrades that are critically needed for AI systems development.

Over
\$1.2 million

every working day was put back in customers' budget in FY23 with HPE Asset Upcycling Services and HPE Accelerated Migration Service.⁴



⁴ "HPE Technology Renewal Center Report for FY23," HPE, January 2024

Accelerating AI success

According to research, approximately 70 and 90% of generative AI pilots fail.⁵ That's where NVIDIA AI Computing by HPE can help with both expertise and technology. HPE Private Cloud AI delivers everything organizations appreciate about the cloud experience — self-service, modern development tools, rapid scale, and subscription economics — all in a private environment. With financial flexibility, enterprises can start small and seamlessly scale tech and investment as use cases evolve. And with expert services and education, HPE and NVIDIA can help you pinpoint exactly where to get started and where to go next.

Learn more at

[HPE.com/partners/NVIDIA](https://hpe.com/partners/NVIDIA)

⁵ "How to achieve the promise of Generative AI," Forbes, March 11, 2025.

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