HPE GreenLake

Unleash innovation with HPE GreenLake for Large Language Models

Accelerate generative AI with our new AI portfolio, powered by HPE supercomputing technology on-demand at the fingertips of data scientists, engineers, and researchers

Competitive advantage in today's world relies on the power of data and AI unlocked at supercomputing speed.

Data-first leaders are

20x more likely
to beat competitors to market by multiple quarters

49% more innovative
Driving more progress in the last year than nascent organizations

Source: Data Management Maturity Study, 2022.

Generative AI is a compute-intensive game changer

Computing requirements for large-scale AI models doubled every 10.7 months from 2016 to 2022.*

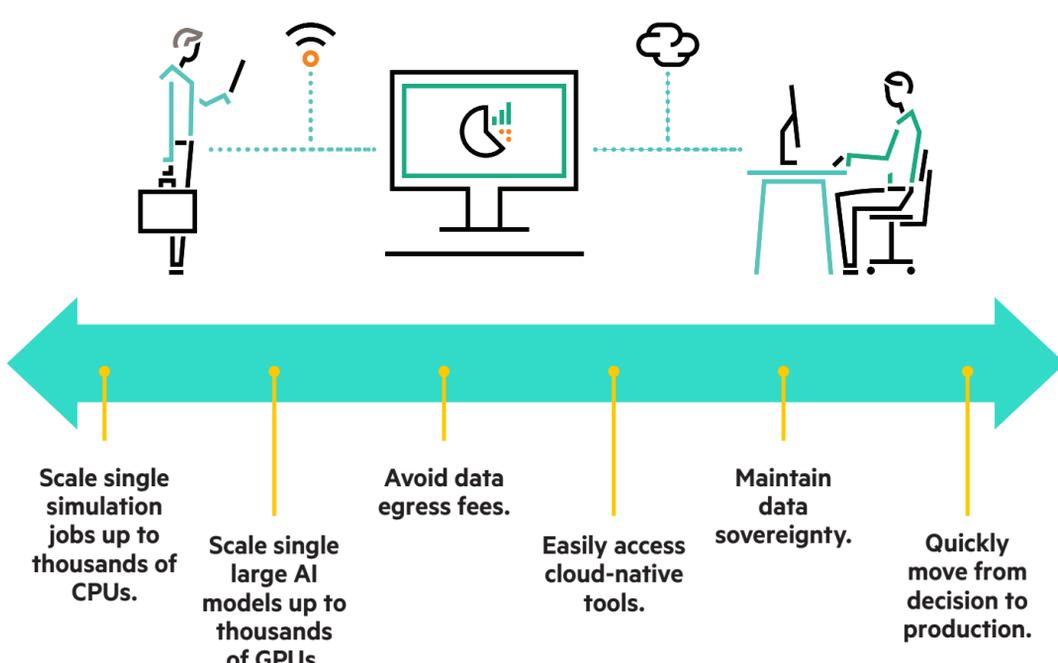* Compute Trends Across Three Eras of Machine Learning, March 2022.

When you need to...

Access exascale supercomputing technologies quickly and cost-effectively.	Run massive models and parallel computing effectiveness.	Enable software to solve your most challenging problems.	Find a trusted partner to help you excel.

Introducing HPE GreenLake for Large Language Models

For any enterprise to rapidly train, tune, and deploy large-scale AI through an on-demand, multi-tenant cloud service.

- Scale single simulation jobs up to thousands of CPUs.
- Scale single large AI models up to thousands of GPUs.
- Avoid data egress fees.
- Easily access cloud-native tools.
- Maintain data sovereignty.
- Quickly move from decision to production.

Build the next breakthrough — right from your browser.

Unbounded innovation and supercomputing access

Tap into the most advanced supercomputing software and architectures, hosted in AI-native, multi-tenant data centers. No expertise required.

Accelerate generative AI

Unlock new business value and adaptive insights for deeper, faster, and more accurate predictions.

Work with a partner you can trust

Secure your competitive advantage with industry-leading supercomputing designed for security, sustainability, and control.

Why HPE?

5+ decades of supercomputing experience[1]

#1 supercomputer worldwide[2]

#1 supercomputer in the EU[3]

1st to break the exascale barrier[4]

Zero data egress fees

6 of the top 10 greenest supercomputers in the world[5]

99.5% renewable energy and liquid cooling[6]

[1] "A Supercomputing Journey Inspired by Curiosity," HPE, accessed April 2023.
[2] Frontier supercomputer, powered by HPE Cray EX235a, Top500, November 2022.
[3] LUMI supercomputer, powered by HPE Cray EX235a, Top500, November 2022.
[4] "US supercomputer breaks exascale barrier," World Nuclear News, June 2022.
[5] "Green500 List," Top500, May 2023.
[6] HPE GreenLake for Large Language Models (LLMs) will run on supercomputers initially hosted in QScale's Quebec colocation that provides power from 99.5% renewable sources.

Learn more at
HPE.com/HPE-greenlake-large-language-models

Visit HPE GreenLake

Chat now (sales)

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