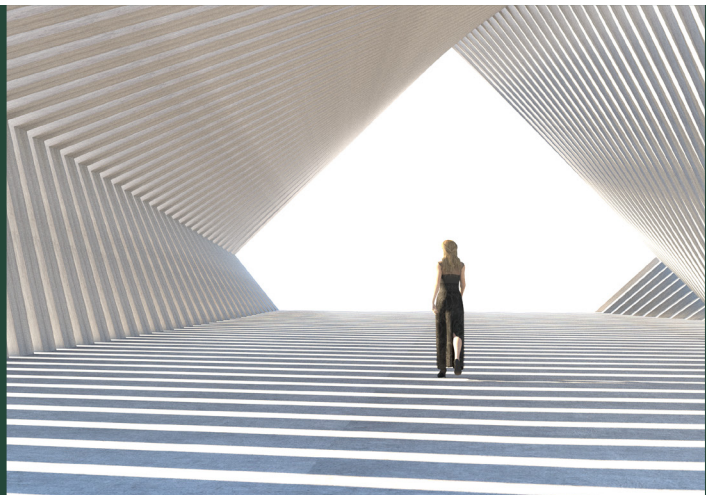


Red Hat Enterprise Linux AI on Dell Infrastructure

Enabled by Dell PowerEdge servers



Accelerate AI innovation

AI is transforming industries by enabling automation, driving innovation, and unlocking growth opportunities. It enhances customer experiences, optimizes operations, and has become crucial for businesses aiming to stay competitive. However, many face challenges like complex deployments and limited access to specialized data science expertise.

Red Hat Enterprise Linux AI (RHEL AI) with Dell PowerEdge simplifies AI adoption, offering enterprise-ready capabilities to accelerate innovation. This platform supports AI-driven applications, model optimization, and generative AI integration — providing the agility, security, and reliability needed to succeed in today's market.

Create a solid AI foundation

Dell PowerEdge is the first server platform validated for RHEL AI. It integrates Red Hat Enterprise Linux, the Granite family of open source Large Language Models (LLMs), and the InstructLab model toolset with Dell's trusted PowerEdge server platform optimized for GPU-intensive AI workloads. Delivered by Dell and supported collaboratively by both Red Hat and Dell, this solution includes everything needed to develop, test, and deploy AI applications efficiently — all while maintaining enterprise reliability.

By simplifying AI deployment, this joint solution makes it easier for application owners, developers, and domain experts to easily align AI models and data science workflows with business objectives, accelerating AI application development. The platform also provides an attractive and simple starting point for AI deployments, helping you operationalize AI without complexity.



Red Hat Enterprise Linux AI with Dell PowerEdge

Accelerate AI innovation

Model training | Model optimization | Model serving | Inferencing



Red Hat
Enterprise Linux

DELLTechnologies

Next generation AI-optimized
PowerEdge servers



PowerEdge R760xa
Preferred Platform for RHEL AI



PowerEdge XE9680

Supports a wide range of GPU options.

1st solution validated and supported for
Red Hat Enterprise Linux AI

Simplify and accelerate modern AI application development

- Combine Granite LLM and InstructLab toolsets to accelerate app development
- Simpler procurement and support experience with Dell

Optimize a broad set of requirements with a tailored solution

- Hardware optimization for Dell PowerEdge platforms and GPU providers
- Choice of GPU model and density to meet broad requirements

Mitigate risks and ensure predictability

- Validated, documented solution eliminates implementation complexity and risk
- Trusted PowerEdge foundation accelerates Zero-Trust adoption

Drive consistent AI results

RHEL AI with Dell PowerEdge removes common roadblocks that slow AI adoption. With this validated platform, businesses can deploy and run AI models with predictable performance, ensuring every investment yields value.

Key differentiators include:



The first validated AI platform

Dell PowerEdge is the first server platform validated for RHEL AI, ensuring seamless integration, simplified procurement, and a streamlined support experience.



Simplified procurement and support

Simplify your AI journey with a single vendor offering hardware, software, and comprehensive support, reducing complexity, streamlining processes, and reducing operational overhead.



Security and reliability

Enhance reliability, mitigate risks, and ensure compliance with a solution built for high scalability and robust security, jointly engineered by Dell and Red Hat.

Key benefits:



Flexibility

Unlock unparalleled flexibility with a hybrid-ready architecture designed to meet your organization's unique needs. Choose from a wide range of GPU options — NVIDIA, AMD, and Intel — in varying densities. This powerful solution empowers businesses to seamlessly deploy AI models on-premises, at the edge, or in hybrid cloud environments, effortlessly streamlining operations across diverse infrastructures.



Performance

Optimize AI workloads with trusted Dell PowerEdge servers and support for advanced AI accelerators (GPUs) from NVIDIA, AMD, and Intel. The platform can support varying GPU densities, enabling you to scale your GPU resources as your performance needs grow.



Simplicity

The integrated platform, validated and optimized by Red Hat and Dell, delivers a seamless out-of-the-box experience. This pre-validated solution includes AI tools that make it easy for a wide range of stakeholders to work with model workflows. The entire solution is available through Dell, simplifying procurement and offering collaborative support throughout the process.



Control

Maintain visibility, governance, and consistency throughout every step of your AI implementation. Built on Dell's trusted PowerEdge foundation, this solution offers enterprise-grade support, intellectual property indemnification, and robust security for on-premises deployments.

Simplify and accelerate AI innovation with Dell and Red Hat

Red Hat Enterprise Linux AI with Dell PowerEdge is designed to lower barriers, simplify AI application development, and accelerate AI adoption across enterprises. Together, Red Hat and Dell provide a powerful, validated solution that enables organizations to unlock the full potential of AI innovation — whether at the core, the edge, or across a hybrid cloud.

If you're ready to transform your business with AI or explore the capabilities of this groundbreaking solution, now is the time to reach out.



[Schedule consult](#)

Full ease ahead with a free consultation

Book a free, one-on-one consultation with Red Hat to assess your current AI position and chart a custom course that guides you smoothly and efficiently toward your desired destination.

About our partnership

For over 25 years, Red Hat and Dell Technologies have been driving innovation to help businesses soar. Now, we're helping you navigate the complexities of AI. Whether you need faster deployment, scalable solutions, or enhanced security, our joint offerings ensure that your AI initiatives will succeed — safely, swiftly, and securely.

Fast-track AI initiatives. Transform operations.
Implement with confidence.

Full ease ahead with Red Hat and Dell.