NetApp

NETAPP AIPOD MINI WITH INTEL FOR HEALTHCARE

intel.

Affordable, simple, and secure AI anywhere you need it. Unlock high-performing, flexible AI solutions that grow with your organization and drive transformation.

Breaking through barriers

Implementing AI at the departmental and team level poses unique challenges for healthcare organizations. From emergency rooms to internal medicine, surgery, and oncology, different departments often require AI solutions tailored to specific use cases, whether it's analyzing clinical data, automating claims reconciliation, or improving decision-making processes. These solutions must be cost-effective, easy to implement, and scalable. However, enterprise AI infrastructures are often oversized and unnecessarily complex for these needs. This mismatch leads to wasted resources and slowed innovation.

To address these challenges, NetApp and Intel have collaborated to deliver NetApp® AIPod™ Mini, a purpose-built runtime AI solution for departments and remote offices. This streamlined, easy-to-deploy solution removes barriers to AI adoption. By combining Intel® Xeon® processors with NetApp's trusted storage and data management capabilities, it empowers teams with precise, context-aware

AI insights, seamlessly integrating into workflows to drive impactful outcomes while optimizing costs.

Harnessing the power of AI inferencing

NetApp AIPod Mini with Intel makes AI more accessible, empowering departments across the organization to achieve meaningful outcomes. From optimizing operations to generating actionable insights, this solution is built for practical, scalable innovation. Its simplified approach helps meet your goals while avoiding the common complexities of AI adoption. Seamlessly integrating into existing workflows, NetApp AIPod Mini delivers a powerful combination of affordability, efficiency, and high performance.

An integral part of the solution is the Open Platform for Enterprise AI (OPEA), an open-source framework that simplifies deploying enterprise-grade generative AI solutions. OPEA ensures compatibility with current

workflows and provides a modular approach to configuring and optimizing AI workloads for specific department needs. By removing technical barriers and enhancing workflow integration, OPEA accelerates results and boosts efficiency.

The solution

NetApp AIPod Mini with Intel is a fully integrated solution designed for department-level efficiency and flexibility. Key components include:

- Intel Xeon 6 processors with Intel® Advanced Matrix Extensions (AMX)
- NetApp AFF A-Series high-performance storage systems
- Open Platform for Enterprise AI (OPEA) framework

This solution is ideal for hosting departmental AI workloads, such as Retrieval-Augmented Generation (RAG) workflows, predictive analytics, and advanced inferencing models. From supporting patient interactions to analyzing clinical data for better care delivery, NetApp AIPod Mini helps healthcare teams achieve meaningful results from day one.

NetApp AIPod Mini is designed with security at its core. NetApp ONTAP® robust access control lists (ACLs) and metadata-driven governance ensure that sensitive data remains safe, preventing it from being shared inadvertently across teams or outside the institution. NetApp's unparalleled certifications, including FIPS 140-3 and NSA Commercial Solutions for Classified (CSfC), guarantee data protection at every level.

Achieve the full potential of AI inferencing

NetApp AIPod Mini combines the raw power of Intel Xeon 6 processors with Intel AMX, OPEA (an open-source AI software stack) and NetApp's trusted data management capabilities to deliver high-performance departmental AI. It avoids unnecessary complexity and costs, giving departments the power of cutting-edge inferencing without overspending.

Pretrained large language models (LLMs) LLama-13B or DeepSeek-8B and access to proprietary data repositories mean NetApp AIPod Mini can deliver precise, context-aware insights. Even subtle differences in interpretation or language are handled effectively, enabling AI models to adapt uniquely to your organization. Leveraging RAG knowledge graphs reduces computational loads, optimizing costs, and performance.

Enable simpler, faster AI implementation

NetApp AIPod Mini tackles traditional challenges of AI implementation head-on. The intuitive OPEA framework accelerates deployment and ensures compatibility with existing infrastructure. Flexible configuration options make it easy to tailor the platform to specific workflows without adding overhead or complexity.

Automated processes powered by OPEA foster seamless scalability and adaptability, making NetApp AIPod Mini the

KEY FEATURES

Contextual accuracy and precision

- Uses pretrained LLMs to understand key business nuances, providing more precise results—even subtle differences in wording or interpretation are handled effectively.

Instant access to local knowledge

- Integrates with local and proprietary data repositories to tailor AI models to specific departmental needs.

Proven security

- NetApp is the only enterprise storage vendor who is validated to store top-secret data. Our certifications include:
  - FIPS 140-2 and FIPS 140-3
  - Department of Defense Information Network (DoDIN) Approved Products List (APL)
  - Common Criteria
  - U.S. National Security Agency (NSA) Commercial Solutions for Classified (CSfC) Components List

Cost savings

- Optimized processing power through use of a RAG knowledge graph reduces computational load and operating costs.
- Efficient data handling minimizes errors and the workload on staff, significantly reducing costs.

go-to solution for evolving workflows. Easily update departmental models and ensure adaptive, dependable performance over time.

Optimize to achieve success

NetApp AIPod Mini delivers tangible, high-impact results tailored to the unique needs of healthcare teams like patient services, medical records, clinical operations, or care coordination. By automating and enhancing key processes, such as retrieving and summarizing patient data, interpreting policies, or streamlining administrative workflows, it allows departments to focus on delivering quality care and achieving better patient outcomes.

This cost-effective AI solution reduces resource consumption while increasing operational productivity. By processing workloads closer to data sources, it ensures stronger data privacy, enhances governance, and lowers operational expenses. NetApp AIPod Mini empowers teams to harness the full potential of AI, driving actionable insights and meaningful outcomes while staying agile and efficient at scale.

KEY USE CASES FOR SECURE AI INFERENCING FOR HEALTHCARE

ENHANCING PATIENT OUTCOMES

Leverage AI-driven insights to summarize clinical data, identify at-risk populations, and provide real-time access to critical information for better patient care.

STREAMLINING CLINICAL AND ADMINISTRATIVE OPERATIONS

Automate tasks like medical coding and prior authorizations while delivering fast, context-aware insights to improve workflows like claims processing and decision-making.

SUPPORTING MEDICAL DATA ANALYSIS

Enable secure, localized analysis of sensitive healthcare data to accelerate research, enhance collaboration, and drive innovation.

Get started today

NetApp AIPod Mini with Intel is your key to unlocking AI's full potential for every department in your healthcare organization. Contact your local NetApp sales representative or visit www.netapp.com.

Contact us

About NetApp

NetApp is the intelligent data infrastructure company, combining unified data storage, integrated data services, and CloudOps solutions to turn a world of disruption into opportunity for every customer. NetApp creates silo-free infrastructure, harnessing observability and AI to enable the industry's best data management. As the only enterprise-grade storage service natively embedded in the world's biggest clouds, our data storage delivers seamless flexibility. In addition, our data services create a data advantage through superior cyber resilience, governance, and application agility. Our CloudOps solutions provide continuous optimization of performance and efficiency through observability and AI. No matter the data type, workload, or environment, with NetApp you can transform your data infrastructure to realize your business possibilities. www.netapp.com