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![Numenta logo] **Numenta**

Numenta Platform for Intelligent Computing

Deploy LLMs on Intel CPUs with Efficiency, Scalability, and Security

1. Numenta Website: AI Platform | Numenta. Intel does not control or audit third-party data. You should consult other sources to evaluate accuracy.

As large language models (LLMs) gain traction, there is an increasing demand for faster, more accurate, and scalable AI solutions. However, despite the growing interest, deploying LLMs remains challenging. They are costly and difficult to scale due to their complex GPU-based infrastructure and massive compute requirements. The Numenta Platform for Intelligent Computing (NuPIC) leverages neuroscience principles to enable efficient, scalable, secure deployments of LLMs on CPUs. NuPIC runs on Intel® Xeon® Scalable Processors with Advanced Matrix Extensions to provide optimized throughput and latency, empowering businesses to gain the most value from their language-based applications. Deployed as a Docker container, NuPIC allows businesses to maintain full control of their models without ever sharing their data.

Key Features	10-100X[1] Performance Improvements	Complete Privacy	Seamless Integration	Effective LLM Scaling

Verticals:
- Banking/FSI
- Energy
- Customer Service
- Legal

Use Cases:
- Document Retrieval
- Sentence Similarity
- Sentiment Analysis
- Summarization
- Asset & Operations Optimization
- Interactive Media

Country/Geo:
- North America
- APAC
- EMEA

> "Our latest game, Proxi, is an expansive interactive world populated by your personal memories and connections. We chose Numenta because their platform is designed specifically to deploy and scale LLMs securely on CPUs, and it gets the best performance on Intel."

Lauren Elliott
CEO, Gallium Studios

Intel Products and Technologies
- Intel® Xeon® Scalable Processors Product Page
- Intel® Xeon® CPU Max Series Product Page
- Intel® Advanced Matrix Extensions Product Page

Learn more:
- Numenta Website
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- Numenta and Intel Press Release
- Ushering in a New Era of Accelerated AI on Intel® CPUs | Tech Article