

Sep 25, 2025 - eRacks Announces AILSA: Rackmount AI Server for High-RAM Local-First Accessible AI

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 **eRacks**

Campbell, California Sep 27, 2025 ([IssueWire.com](https://www.issuewire.com)) - eRacks Announces AILSA: Rackmount AI Server for High-RAM Local-First Accessible AI

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Unlike the five- and six-figure AI servers dominated by proprietary high-cost GPUs, the [eRacks/AILSA](#) takes a **RAM-first approach**, leveraging **readily available GPUs and high-capacity system memory** to support modern open-source AI workloads.

Starting Configuration

The entry-level configuration of the eRacks/AILSA includes:

- **2 × Intel® Arc B50 16GB GPUs** (32GB total GPU RAM)
- **128GB DDR5 ECC System RAM (up to 512GB)**
- **2 × 18TB Enterprise HDDs** (36TB storage)
- **2 × 500GB NVMe M.2 SSDs for OS** (fast boot and scratch space)

This configuration offers **160GB of combined memory** (system + GPU), providing enough capacity to easily run and experiment with **70B parameter models** locally — including popular open-source LLMs, vector search frameworks, and AI pipelines.

Designed for Local AI

“With eRacks/AILSA, we wanted to build something that democratizes AI infrastructure,” said Joseph Wolff, CTO of eRacks Systems. “You shouldn’t need a venture capital budget or cloud lock-in to run large language models or RAG pipelines. eRacks/AILSA gives small teams the ability to work with the larger, real-world AI models securely, affordably, and entirely under their own control.”

Key Features & Benefits

- **RAM-First Architecture:** Optimized for LLMs and vector databases, with up to **512GB system RAM** and up to **3 high-RAM GPUs**.
- **Open-Source AI Ready:** Supports PyTorch, TensorFlow, Hugging Face, LangChain, Ollama, Milvus, LibreChat, Koboldcpp, and more.
- **Enterprise Reliability:** ECC memory (available), redundant PSU options, and enterprise-grade storage.
- **Compact Form Factor:** 2U chassis fits easily into existing racks and lab environments.

Availability

The **eRacks/AILSA** is available now for custom configuration and purchase at [eRacks.com](https://eracks.com)

"Leap into Local-First Rackmount Servers today! Because your goals need fast and private AI tools! Contact us today to help power your dreams - locally!"

- **Joseph Wolff, Founder and CTO, eRacks Systems**

eRacks Systems has offices in Northern and Southern California, India, and Bangladesh.

Customers can contact eRacks Systems by email at **info@eracks.com** or phone/txt **(408) 455-0010**

or on social media / messaging apps: [Telegram](#) [WhatsApp](#)

Company’s website <https://eracks.com> is available for further information about all Open Source

solutions provided by eRacks Open Source Systems.

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