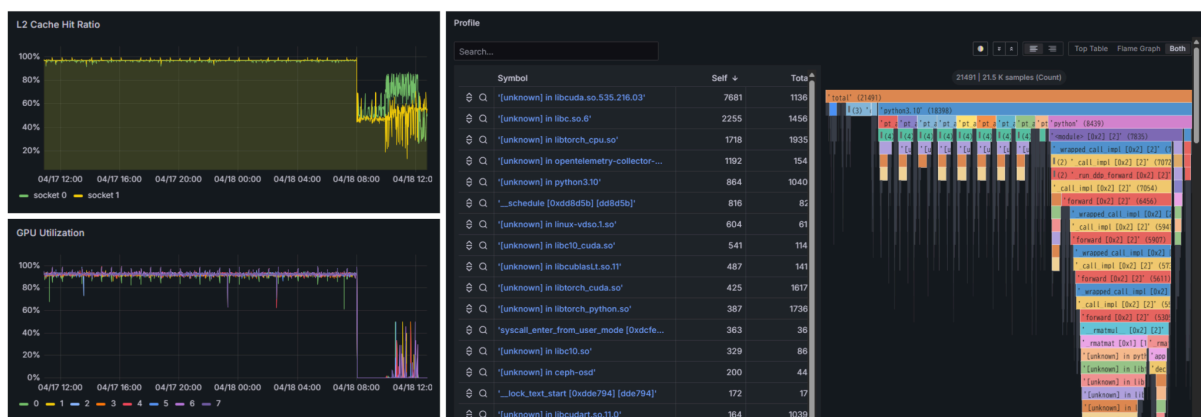




FOR IMMEDIATE RELEASE

## Fixstars Launches Free Download of "Fixstars AI Booster" Software to Visualize and Accelerate AI Processing Bottlenecks

IRVINE, California – May 15, 2025 – Fixstars Corporation (TSE Prime: 3687, US Headquarters: Irvine, CA), a leading company in performance engineering technology, is pleased to announce the launch of a free downloadable version of "Fixstars AI Booster (FAIB)" from its official website. FAIB continuously monitors AI processing performance and automatically optimizes it to improve the utilization efficiency of computing resources such as GPUs in customers' AI development and operation processes, thereby supporting cost reduction. FAIB can be installed on Linux servers equipped with GPUs, whether on-premises or in the cloud.



*Fixstars AI Booster: Example of Performance Monitoring Screen*

**FAIB Free Download Form:** <https://www.fixstars.com/en/ai/booster/get-started>

In recent years, rapid advancements in AI technology have drastically increased the demand for high-performance computing resources, particularly GPUs. To maximize the utilization of limited resources and achieve results such as reduced AI model training time and improved inference performance, it is crucial to visualize the operational status of computing resources, represented by GPUs, and AI processing bottlenecks, and continuously improve them.

To address this challenge, since January 2025, our company has been providing Fixstars AI Booster (FAIB) to customers who have inquired, and has been supporting the selection and procurement of computing resources such as GPU servers tailored to customer environments, and performance engineering utilizing FAIB.

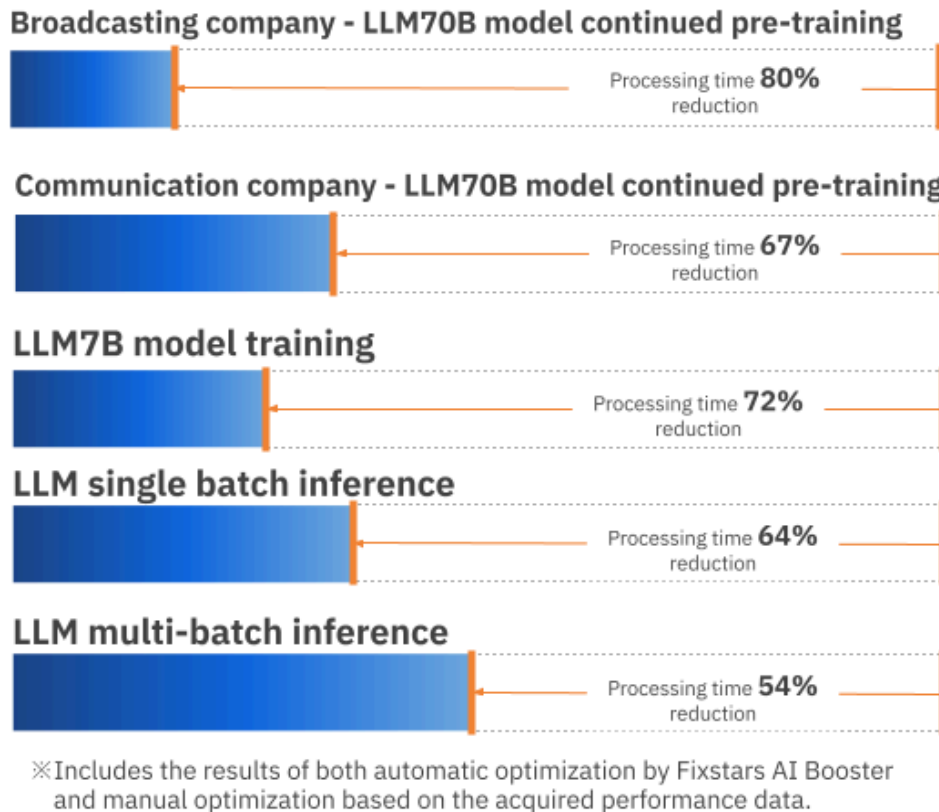
The company now makes FAIB freely accessible to a broader audience, enabling more organizations and developers to experience improved GPU performance and bottleneck optimization.

### Fixstars AI Booster Overview

Product Name	Fixstars AI Booster
Main Functions	<p>Performance Observability (PO):</p> <ul style="list-style-type: none"><li>• Visualizes the utilization status of computing resources</li><li>• Records performance changes over time</li><li>• FAIB enables unified monitoring across different system architectures, whether in the cloud or on-premises.</li></ul> <p>Performance Intelligence (PI):</p> <ul style="list-style-type: none"><li>• Estimates processing bottlenecks</li><li>• Proposes improvements and automates acceleration</li><li>• Provides various tools to support acceleration by engineers</li></ul>
Supported Environments	<ul style="list-style-type: none"><li>• Debian-based Linux (verified on Ubuntu 22.04 LTS).</li><li>• Internet connection is required for installation and updates.</li></ul> <p>Product usage data is collected solely for quality improvement purposes; please be assured that no customer-specific information, such as executed programs or individual performance data, is collected.</p>
Example Observable Metrics	<ul style="list-style-type: none"><li>• CPU usage,</li><li>• GPU usage (CUDA core usage),</li><li>• Network usage,</li><li>• Memory usage,</li><li>• Storage usage,</li><li>• Software flame graph (profiling results at library and function levels)</li></ul>
Fee	<ul style="list-style-type: none"><li>• PO function: Permanently free.</li><li>• PI function: Free for one month. After that, fees will be incurred depending on the number of GPUs used. Please inquire for details.</li><li>• Support by Fixstars optimization experts is also available upon request.</li></ul>

- **Free Download Form:** <https://www.fixstars.com/en/ai/booster/get-started>
- **Product Details:** <https://www.fixstars.com/en/ai/booster>

# Fixstars AI Booster Speedup Results



## Proven Use Cases of Fixstars AI Booster

- FAIB is utilized in the autonomous driving AI learning environment being developed by Sony Honda Mobility Inc. for their future mobility brand "AFEELA". It contributes to improving machine learning speed and optimizing hardware performance.  
<https://www.fixstars.com/en/news/858>
- In collaboration with Sakura Internet Inc., Fixstars provides FAIB and FAIB-based services to Sakura Internet's customers.
- In collaboration with Optage Inc. and GMI Cloud, Inc., Fixstars is promoting research and development of high-efficiency GPU infrastructure using FAIB.  
<https://www.fixstars.com/en/news/864>
- FAIB has also been adopted by companies in industries such as broadcasting and telecommunications, and has a proven track record of enhancing performance.

## Performance Improvement Cycle with Fixstars AI Booster

As operations continue, processing efficiency changes due to modifications in LLM models, various parameters, and so on. To maintain the optimal utilization efficiency of computing resources such as GPUs and consistently sustain high performance, it is important to repeat

the cycle of performance observation and improvement. FAIB supports this performance improvement cycle by providing two functions: Performance Observability (PO) and Performance Intelligence (PI).

PO is a function that continuously records the usage status of hardware, including GPUs, and software execution profiles over time, and visualizes changes. This makes it possible to identify performance bottlenecks and provide guidance for improvement.

PI is a function that proposes bottleneck improvements and automates acceleration based on the observation results from PO. It also includes various tools useful when engineers themselves assess and aim for acceleration. PI can be used for free for one month, but thereafter fees will be incurred depending on the amount of computing resources such as GPUs. Acceleration support by experts is [also available](#).

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### **About Fixstars Corporation**

Fixstars is a technology company dedicated to accelerating AI inference and training through advanced software optimization solutions. It supports innovation in healthcare, manufacturing, finance, mobility, and other industries. For more information, visit: <https://www.fixstars.com/>

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