Experts: Huawei AI development will reduce China's dependence on foreign memory

On August 12, at the forum for the use of financial AI, Huawei will present a technology that is called a large breakthrough in the field of AI-conference (a stage at which the model is no longer studying). According to reports from China, development can reduce the country's dependence on the HBM high-speed memory, which is important for the work of II systems. And also increase the effectiveness of domestic solutions.

HBM (High Bandwidth Memory) is a special type of memory with high throughput, created using a three -dimensional layout of the chips. It provides a high data transfer rate for low energy consumption. In the process of information – when a trained model processes new data – HBM allows you to work without delay, revealing the "full potential of graphic processors", experts explain.

Huawei can offer alternative approaches. One of them is the use of chiplet architecture, where several small chips work together, reducing the need for great memory. Another way is the optimization of the AI models themselves, so that they demand less resources while maintaining performance.

If the new Huawei technology can compete with HBM systems in power, this will become an important step towards China's technological independence and can change the approach to creating powerful AI, local media say.

Details will become known after the presentation.

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