

# Toshiba's algorithm helps normal computers calculate faster than supercomputers

Normal computers will optimize the combination much faster than supercomputers.

Large technology corporation Toshiba has just announced an algorithm that can help ordinary computers achieve faster computing speed, surpassing those of supercomputers.

This algorithm is called "branching simulation algorithm" created by researcher Goto Hayato at Toshiba. According to the researcher, the properties of some complex computing systems changed as soon as adjustments were made. input, creating branching, so he created the best algorithm to filter out branches that could return true results while reducing the amount of energy consumed by the computer.



The journey from idea to his results began in 2015 and after 2 years, the new researcher found the best algorithm for every case. The optimal algorithm is based on the way quantum computers work but can run on ordinary computers.

This algorithm is currently being studied by Mr. Hayato and his colleagues to apply to computer clusters and FPGA integrated circuit assemblies. Accordingly, the algorithm operating on an FPGA cluster will solve the complex optimization problem 10 times faster than laser quantum computer.

Quantum computers are not commonly used today and are not powerful enough, this algorithm will meet the needs of financial and securities trading companies, as well as large-scale manufacturing companies. big. And especially, Toshiba emphasized that the price of this algorithm is much cheaper but still has the ability to optimize the combination with high speed.

You finished reading the article "**Toshiba's algorithm helps normal computers calculate faster than supercomputers**" edited by the [TipsMake](#) team. We hope this article has provided you with many useful tech tips and tricks. You can search for similar articles on tips and guides. Thank you for reading and for following us regularly.

