

# Quantum computing will become Amazon's key business service

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While Google and IBM are 'scratching their heads' to assert their leading position in the field of electronic computing, there is another 'buggy' who is 'fighting with the paints', he has won. ', that is Amazon.

Amazon has recently officially introduced details about Amazon Braket - an effort of the e-commerce giant to turn the fledgling quantum computing field into a utility service that anyone needs. are easily accessible via the internet. Specifically, Amazon Braket is a fully managed service through AWS cloud computing platform, with security and encryption options implemented at each level. In other words, you can understand this is a service of 'renting' quantum computers for many different purposes.

The move came less than a month after Amazon had another name in the field of quantum computing: Microsoft launched a similar service. This is considered a reasonable decision by Amazon to dominate the market before rivals can 'expand'. However, for this reason, Amazon was forced to work with three companies specializing in quantum computers such as D-Wave, IonQ and Rigetti to get technical help, while Microsoft had time. better prepared should have mastered most of their 'lines' and only had to cooperate with IonQ.



*'Amazon Braket is designed to help customers get the most realistic, first-hand experience with qubits and quantum cycles. You can build and test these cycles in a simulated environment, then run them on a real quantum computer.'*

So when you use Amazon Braket, you will be an Amazon customer, using the service's quantum computer groups to run your test simulation.

Perhaps there is no need to discuss the advantages of quantum computers, but the technology is still not widely used and is extremely expensive. The fact that large technology corporations have enough technological potential as well as financial ability to own quantum computer systems and turn them into a form of resources that can be shared, managed and distributed. do extremely reasonable.

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