

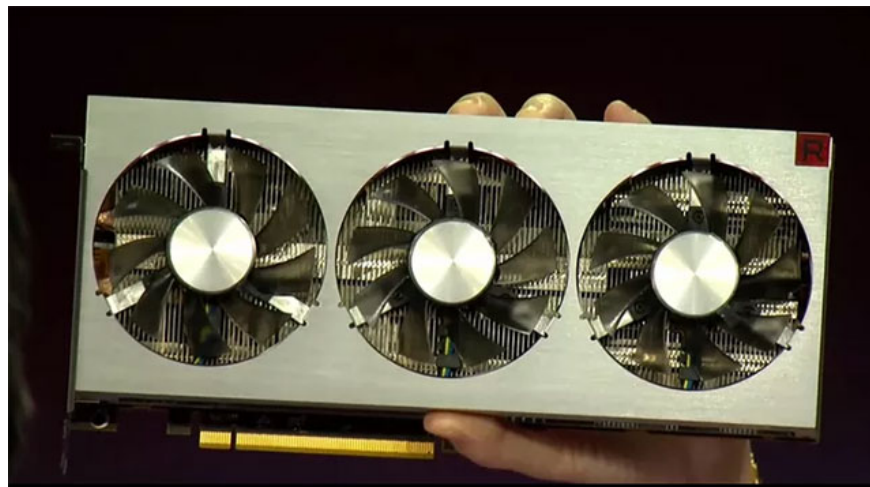
AMD officially introduced the next generation 7nm graphics card: Radeon VII

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Even if you don't want to, even the most loyal AMD fans must admit that the manufacturer has lagged behind Nvidia for years with the race for high-end graphics cards. In the high-end GPU segment, AMD is so sluggish that they have to shift their focus to their mid-range cards, RX 580, to pull back sales. But at CES 2019, the company is confident it is holding a "strategic card" that can compete with Nvidia RTX 2080. AMD's latest high-end GPU is called Radeon VII, and it uses Graphics chips are manufactured on the manufacturer's first 7nm process.

1. Intel officially introduced the Ice 10nm CPU, promising to be available on PCs shipped later this year

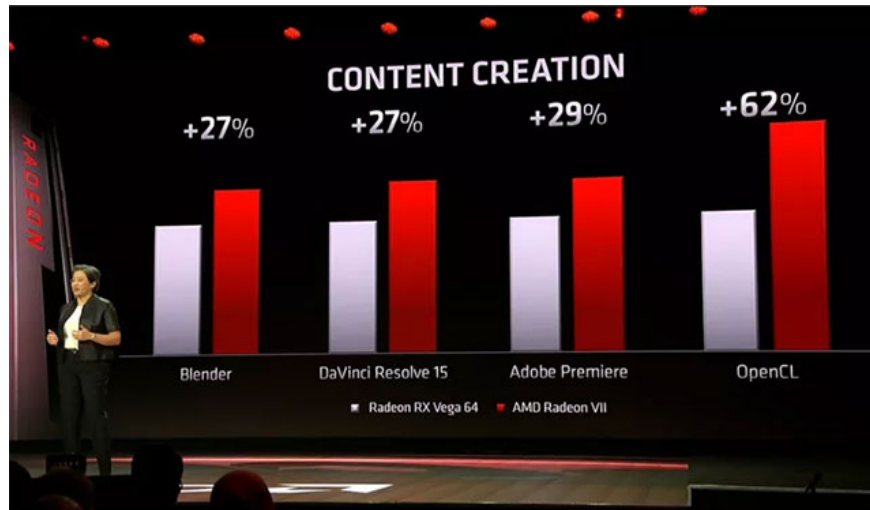
AMD Radeon VII is expected to be officially released on February 7 and available to consumers for \$ 699 - equivalent to the price of a standard Nvidia RTX 2080. Below is a picture of a large, shiny graphics card, said to be Radeon VII, which AMD CEO Lisa Su took on the CES stage:



1. What is CES? Why is the tech world boiling for CES?

AMD also said the second-generation Vega architecture will be able to deliver 25% higher performance than the previous generation Vega architecture at the same power consumption, and the company has shown that this GPU can Good 'balance' Devil May Cry 5 in 4K resolution, with extremely fast settings and frame rates above 60 fps. In addition, AMD also said Radeon VII has memory bandwidth of 1 terabyte per second.

For existing games on the market, AMD has not given many specific examples, but they say you will see an increase of 25% in Fortnite performance and 35% in Battlefield V, as well as an average increase. 27% for other popular titles compared to the Radeon RX Vega 64.



The company said it will provide users with free copies of Resident Evil 2, Devil May Cry 5 and The Division 2 with each AMD Radeon VII graphics card or new gaming PCs using Radeon VII.

If you are curious about the specs and the technologies integrated on this GPU, here are the information we have collected so far according to AMD press releases:

1. 60 units of calculation
2. Multi-threaded processor 3840, with speeds up to 1.8 GHz
3. 16GB HBM2 memory
4. 1 TB / s memory bandwidth
5. 4096 bit memory interface

The real question is whether AMD can produce and supply this new GPU at a competitive price - because the price of GPU will be very different when compared to retail - wholesale and supply - demand. The first generation Radeon RX Vega GPUs are technically competitive with Nvidia products, but they are really hard to find, the price is not as good.

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