

Intel shook hands with AMD to release the 8th generation chip competing with Nvidia

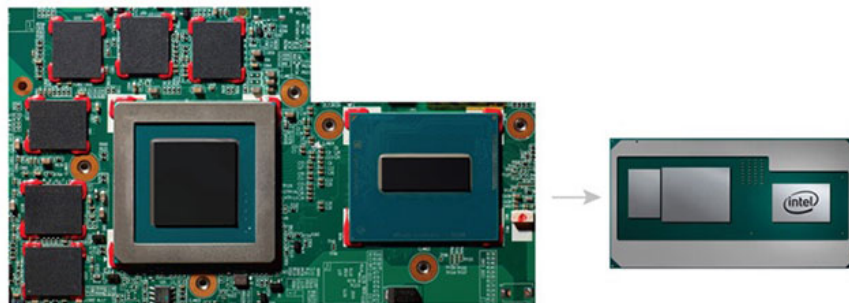
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Long-standing rumors have been confirmed when Intel and AMD announced their collaboration to defeat Nvidia's rival.

The new processor combines the x86 core with AMD's customizable Radeon graphics with Intel's **EMIB** technology (**Intel's Embedded Multi-Die Interconnect Bridge**) . This is a power sharing framework that halves silicon footprint traces on motherboard components. Not only that, Intel also said it will exploit the latest **HBM2** broadband memory . **H-Series CPUs** will be the products for the first users to exploit EMIB and HBM2.

Intel also developed software drivers and separate interfaces for discrete GPUs to communicate with the general package, manage temperature and energy, allowing optimization of energy sharing between processors and graphics for Heavy tasks like playing games.



New chips will incorporate more efficient processors and graphics

Through this collaboration, Intel and AMD aim to create chips for mobile devices that are stronger, lighter, thinner when coordinating processors and graphics cards more efficiently. The ultimate goal is thin, light yet powerful laptops for tasks like gaming or heavy graphics such as photo editing, video .

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Scott Herkelman, vice president and director of AMD's Radeon Technologies Group, said: 'Our partnership with Intel will expand the pre-installed base for AMD Radeon GPUs and bring to the market a powerful graphics solution. strong and different '.

The mobile processors on the market today are U-Series 15W chips, using a refreshing version of the interesting generation Kaby Lake architecture. Switching from 7 to 8 generation, the number of cores and CPU flow doubled. from 4 to 8.

There are still many unknowns about this chip, Intel said that will reveal more in the future. The first device to use the new chip will be available in the first quarter of 2018.

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