

Windows is about to support Ryzen NPU monitoring via Task Manager, Microsoft receives praise from AMD

NPU or Neural Processing Unit - Neural Processing Unit - is specialized hardware to support the ability to handle workloads related to artificial intelligence often integrated in PC systems as well as phones and computers. modern day tablet computers.

Although AMD was the first company to release NPU hardware, both on laptops and desktops, it is strange that the company's chip models are not currently supported by Microsoft's DirectML API. support. That means that AI acceleration support on Windows is now inadequate, making it difficult to evaluate the true performance of AMD NPUs. Compared to AMD, Intel is in a slightly better position as Microsoft recently revealed that DirectML NPU support for 'Team Blue' is currently in preview.



However, things are looking up for AMD. In a recent community blog post, 'Team Red' announced that it is working with Microsoft to enable the Microsoft Compute Driver Model (MCDM) on AMD's NPU, i.e. Windows Task Manager. It will also soon be possible to monitor NPU usage on PCs running AMD processors. Currently this feature only works on Intel chips.

AMD also believes that the ability to monitor NPU usage is a useful addition, especially for laptops to ensure the system operates efficiently.

[.] The ability to monitor how resources are allocated in real time and which system components are loading is useful for monitoring application behavior. This type of monitoring is especially

important in laptops, where users can choose to maximize battery life by controlling where certain workloads run or adjusting general power settings through menus. Setting Windows, or in an application provided by the OEM.

AMD said the situation is similar to when Microsoft introduced GPU usage monitoring in Task Manager with the Windows 10 Falls Creator update, praising the Redmond company for a decision to "keep up with the complexity". growing popularity of PC".

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