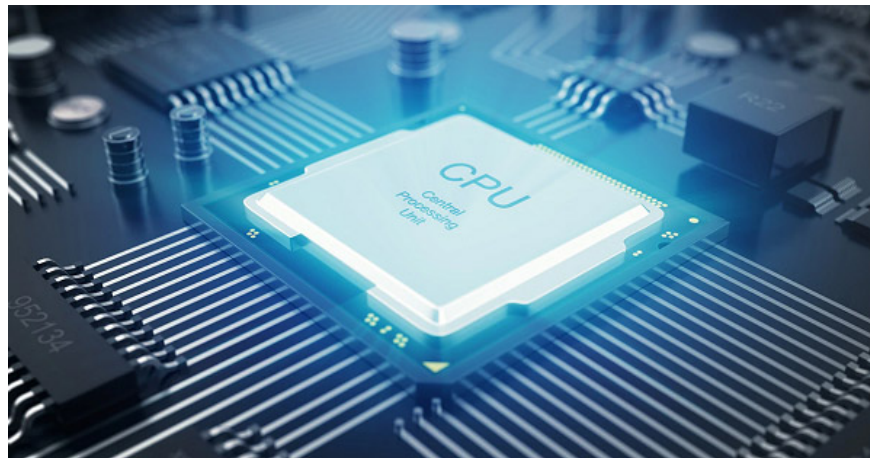


A computer configuration is required to update Windows 10 2004

Windows 10 2004 (20H1 or May 2020 Update) is the first major update of Windows 10 in 2020.

Windows 10 2004 (20H1 or May 2020 Update) is the first major update of Windows 10 in 2020. According to the roadmap set out before, this update should have been released to users today. Windows 10 worldwide. However, a number of security holes as well as unexpected incidents recently discovered on Windows 10 2004 have forced Microsoft to temporarily leave the time of this update until the end of May.

If the fix goes smoothly, there are only about 2 weeks left before Microsoft will release the worldwide Windows 10 2004 update. Therefore, now is a good time for Microsoft to announce CPU requirements for devices that want to update to a new version of Windows - an equally important factor that users need to pay attention to.



On the Intel side, the listed CPUs include the 10th generation Core i processor, Intel Xeon E-22xx, Atom (J4xxx / J5xxx and N4xxx / N5xxx), Celeron and Pentium. Intel has released 10th generation CPU models for a while, so the addition is completely understandable. As for AMD, the supported processors will be up to the 7th generation (A-series Ax-9xxx, E-series Ex-9xxx and FX-9xxx), Athlon 2xx, Opteron and EPYC 7xxx. However, AMD Athlon 3000 chip for some reason is not supported, although it has been launched since CES 2020.

For Qualcomm, Microsoft only mentions Snapdragon 850 and Snapdragon 8cx, ignoring the new Snapdragon 7c and Snapdragon 8c. However, the complete addition has to be made by the Redmond company at any time.

In fact, the Windows Processor Requirements list is essentially just a way for Microsoft to list users for which versions of Windows 10 are optimized for new processors. Obviously, there are many AMD Ryzen 4000 PCs currently available on the market running on Windows 10 version 1909, as well as PCs with Snapdragon 7c. Basically, the actual requirements for the processor to be able to run well on Windows 10 version is only a

minimum clock speed of not less than 1GHz, compatible with x64 instruction set, supports PAE, PX, SSE2, CMPXCHG16b , LAHF / SAHF and PrefetchW.

In addition to the above processor requirements, your computer needs to meet the following minimum requirements to install Windows 10:

1. RAM: 1GB for 32 bit or 2GB for 64bit
2. Hard drive capacity: 32GB for both 64-bit and 32-bit operating systems
3. Graphics card: DirectX 9 or higher
4. Screen resolution: 800 x 600, the minimum diagonal length for the main screen from 7 inches (18 cm) or more.

However, the above configuration only ensures that you can install Windows 10, not a good experience. Through my experience, the computer configuration is sufficient to operate smoothly on Windows 10 2004, work as well as play light, gently (install some emulation software) at least as follows :

1. RAM: 8GB
2. Hard drive: SSD 120GB (only for Windows installation, the program needs to use a lot, not storage), HDD 500GB to store data.
3. Graphics card: DirectX 12

If you install Windows 10 lower than 2004, you should also have the above configuration, i3, 7 and 8 chips are okay.

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