

ReadyBoost

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ReadyBoost is a technology that uses USB flash drives to speed up a PC performance. It was introduced in Windows Vista, and was improved in Windows 7. This works by storing any program data that is normally placed on a hard drive temporarily to one or more flash drives. This speeds up a PC performance, because flash drives run between 80 and 100 times faster than the hard drive in your PC.

According to a [Wikipedia](#) article "When a compatible device is plugged in, the Windows [AutoPlay](#) dialog offers an additional option to use the flash drive to speed up the system; an additional "ReadyBoost" tab is added to the drive's properties dialog where the amount of space to be used can be configured.^[3] 250 MB to 256 GB of flash memory can be assigned (4 GB in the x86 versions of Vista). ReadyBoost compresses and encrypts, with [AES-128](#), all data that is placed on the flash device; Microsoft has stated that a 2:1 compression ratio is typical, so that a 4 GB cache could contain upwards of 8 GB of data.^[1]"

It is important to remember that ReadyBoost is no substitute for adding more RAM to your PC.