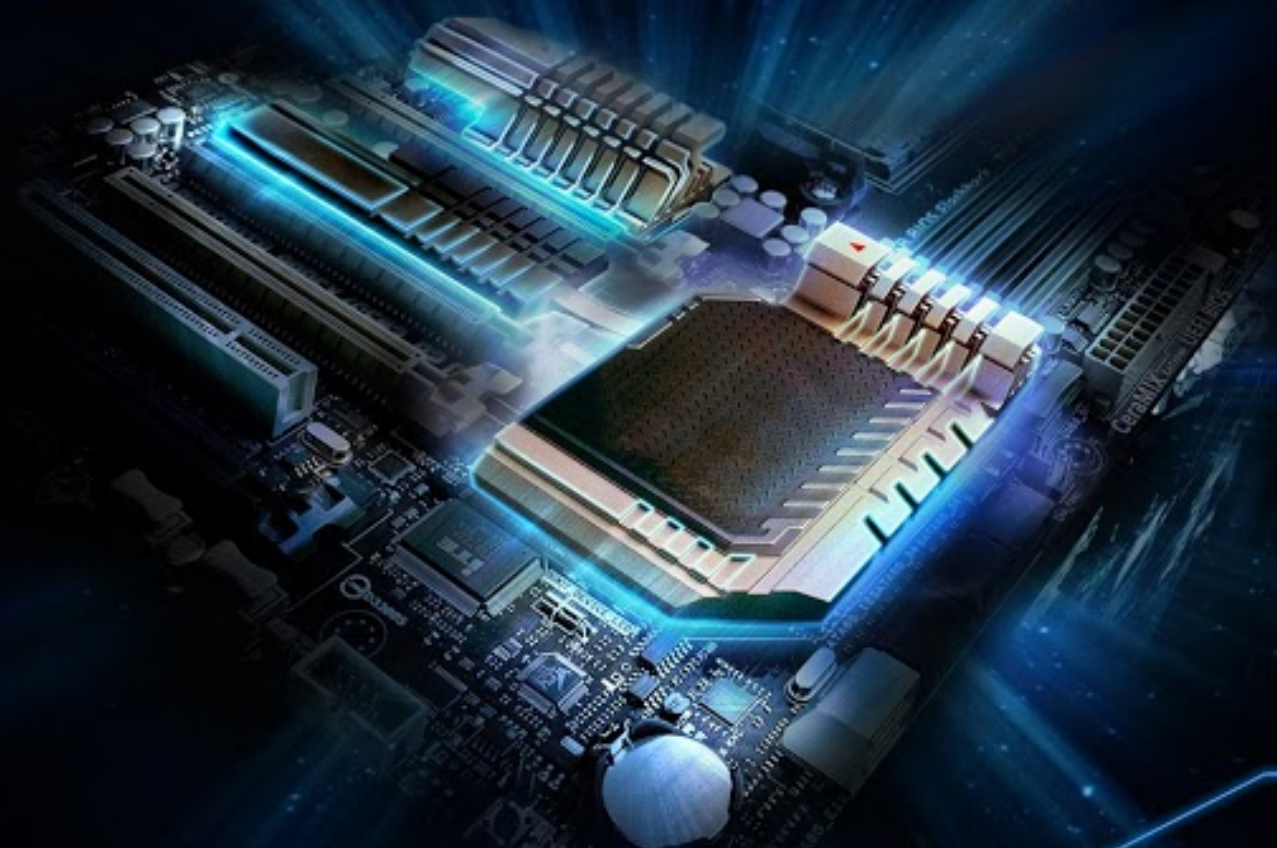


# HOW TO UPDATE YOUR **PC BIOS** IN **3** EASY STEPS

▼ Wims BIOS



By: Wim Bervoets

# How to update your PC BIOS in 3 easy steps

Wim Bervoets

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# Chapter 1: What is a BIOS?

BIOS is an abbreviation for the basic input/output system. It is a piece of software built into the PC motherboard, which gets executed at bootup. The BIOS initializes the hardware and then starts the operating system. (eg. Windows, Linux, ...).



The BIOS additionally provides an abstraction layer for the hardware, i.e. a consistent way for application programs and operating systems to interact with the keyboard, display, and other input/output devices. Variations in the system hardware are hidden by the BIOS from programs that use BIOS services instead of directly accessing the hardware. Modern operating systems ignore the abstraction layer provided by the BIOS and access the hardware components directly.

BIOS software is stored on a non-volatile ROM chip on the motherboard. It is specifically designed to work with each particular model of computer, interfacing with various devices that make up the complementary chipset of the system.

In modern computer systems, the BIOS contents are stored on a flash memory chip so that the contents can be rewritten without removing the chip from the motherboard. This allows BIOS software to be easily upgraded to add new features or fix bugs.

Unified Extensible Firmware Interface (UEFI), the successor of BIOS, is a specification that defines a software interface between an operating system and platform firmware. It resolves many PC BIOS limitations and is rapidly becoming more widely used.