

# How to Update BIOS Safe and Correct for Laptop or desktop

How to update BIOS safely and properly? How to flash the BIOS for a computer without errors. Upgrade BIOS for laptops, desktop.

Should I flash the BIOS for my computer? How to upgrade BIOS safely and properly? In this article, I will answer questions related to BIOS update.

## Learn about the BIOS

**The BIOS** is low-level software that is stored on a firmware chip located on the motherboard of the computer. BIOS checks, controls and connects the computer's components. Therefore, if the BIOS fails, your computer will 'fail' and can no longer boot.

## Should BIOS update (flash BIOS)?

When a new BIOS (firmware) version is available, to decide whether to upgrade the BIOS or not. Then you can answer some of the following questions yourself?

1. What's new in this new BIOS? Is it related to your current computer configuration?
2. If you have a desktop computer, do you have a power bank? Or do you have frequent blackouts?

If the new BIOS only helps support new computer hardware (you don't have one), an upgrade to the BIOS is not required. And the new BIOS contains patches that improve the performance of your computer, you should update. The figure below shows the latest BIOS for my computer. Since this BIOS fixes many errors and security updates, I decided to flash the BIOS.

The screenshot shows a webpage for downloading BIOS firmware. At the top, it reads "ROM Firmware for 8200 Elite and 6200 Pro Business PCs (J01)" with version "02.29 Rev.A", size "17.3 MB", and date "May 6, 2016". A "Download" button and "HP's Terms of Use" link are visible. Below are tabs for "Details", "Associated files", and "Previous versions". The "Details" tab is active, showing a table with fields: Type (BIOS), Version (02.29 Rev.A), Operating systems (Windows 7 (64-bit)), Release date (May 6, 2016), and File name (sp75852.exe(17.3 MB)). To the right is a "Description" section stating the package provides the HP Business Desktop System BIOS Package for supported models running a supported operating system. Below the description is a "Fix and enhancements" section listing: Fixed BiosConfigUtility in setting Legacy and UEFI Boot Sources, Fixed BiosConfigUtility Enable/Disable of discrete devices, which were being re-enabled on next boot, Implemented Roll Back prevention, and Added Improved Security Updates. A "See full details" link is at the bottom.

Type:	BIOS	Description:	This package provides the HP Business Desktop System BIOS Package for supported models running a supported operating system.
Version:	02.29 Rev.A	Fix and enhancements:	- Fixed BiosConfigUtility in setting Legacy and UEFI Boot Sources. - Fixed BiosConfigUtility Enable/Disable of discrete devices, which were being re-enabled on next boot. - Implemented Roll Back prevention. - Added Improved Security Updates.
Operating systems:	Windows 7 (64-bit)		
Release date:	May 6, 2016		
File name:	sp75852.exe(17.3 MB)		

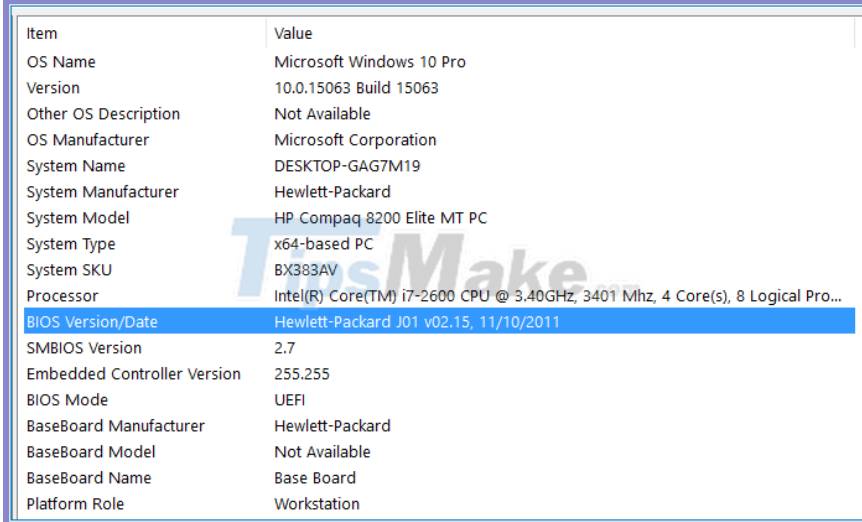
## Common errors when upgrading BIOS

The most common error when upgrading BIOS is due to power outages (desktop) or interrupted updates. If the power supply in your place is unstable, you should consider carefully before upgrading. Also, choosing the wrong BIOS version will also lead to an error.

*You need to download a new BIOS from the home page of the laptop company or the mainboard home page*

## How to see which BIOS version of your computer you are using

Press **Windows** key + **R** , enter the command **msinfo32** and press the Enter key.



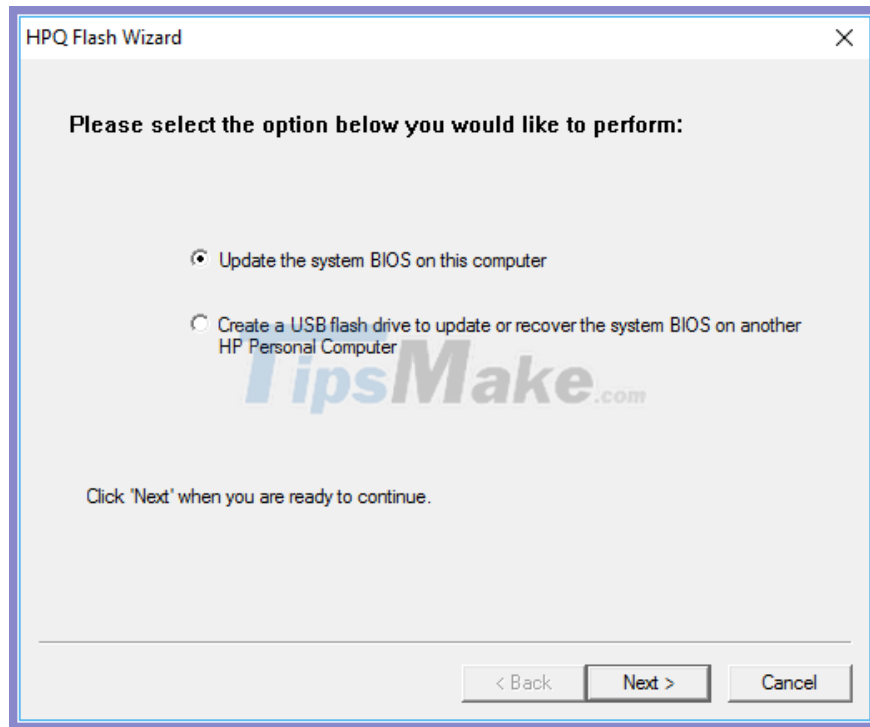
Item	Value
OS Name	Microsoft Windows 10 Pro
Version	10.0.15063 Build 15063
Other OS Description	Not Available
OS Manufacturer	Microsoft Corporation
System Name	DESKTOP-GAG7M19
System Manufacturer	Hewlett-Packard
System Model	HP Compaq 8200 Elite MT PC
System Type	x64-based PC
System SKU	BX383AV
Processor	Intel(R) Core(TM) i7-2600 CPU @ 3.40GHz, 3401 Mhz, 4 Core(s), 8 Logical Pro...
<b>BIOS Version/Date</b>	<b>Hewlett-Packard J01 v02.15, 11/10/2011</b>
SMBIOS Version	2.7
Embedded Controller Version	255.255
BIOS Mode	UEFI
BaseBoard Manufacturer	Hewlett-Packard
BaseBoard Model	Not Available
BaseBoard Name	Base Board
Platform Role	Workstation

Go to the line **BIOS Version / Date** , it will provide complete information about the current BIOS version. I can see the computer I'm using version J01 v02.15.

In addition, you can also check the BIOS information using software such as AIDA64.

## Update the BIOS for the computer

Currently, most computer manufacturers and motherboards allow us to flash the BIOS from the downloaded EXE file. That means you just need to download the correct BIOS version on the home page and run the file to perform the update. Also have the company update again by copying to USB, then into BIOS Setup to update. Some vendors have their own BIOS flash software and BIOS, you need to run the BIOS flash software and lead to the BIOS file to upgrade.



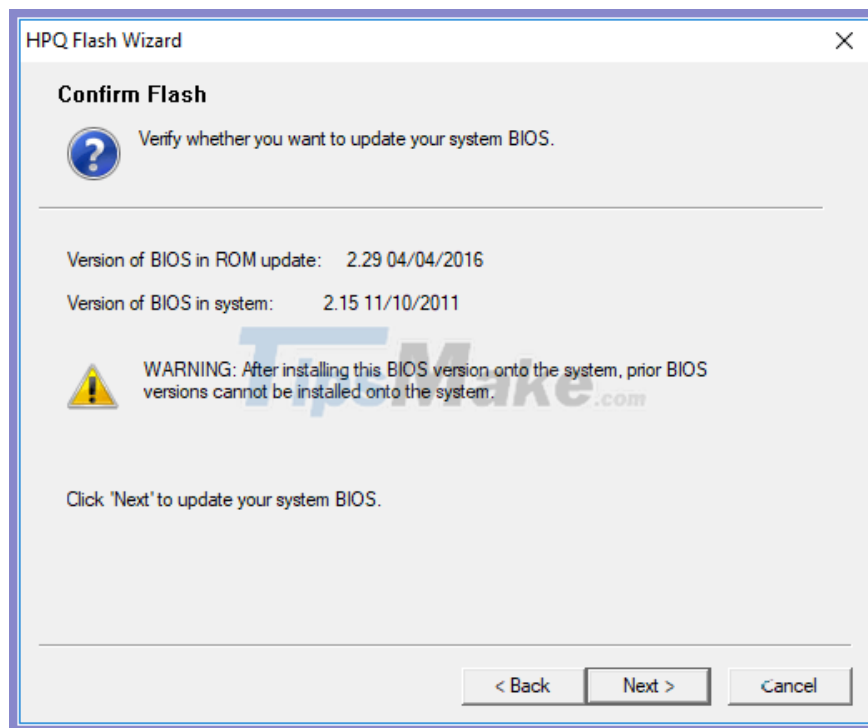
When I run the EXE BIOS file downloaded from the HP homepage, there will be 2 options:

1. Update the system BIOS on this computer: Update the BIOS for the computer.
2. Create a USB flash .: create a USB to update the computer's BIOS.

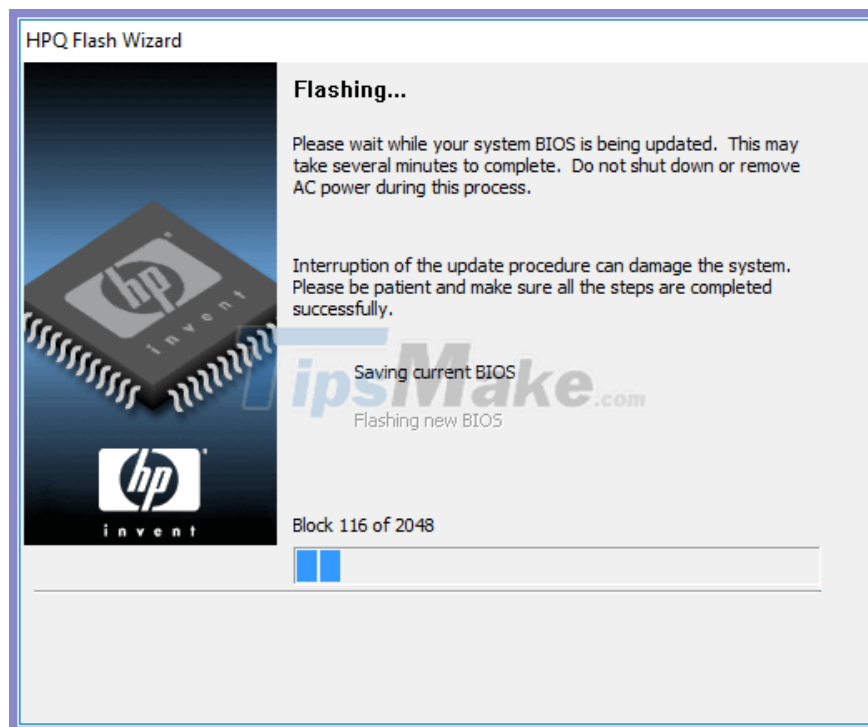
Usually I use option 1, if your current computer cannot access Windows, you use another computer to create usb flash BIOS with option 2.

## **Before upgrading BIOS need to note**

1. If you are a laptop, you need to fully charge the battery and plug it in.
2. If it's a desktop computer, prepare a power bank (if available), or upgrade the BIOS at a time when the power is rarely lost.
3. Close all open programs
4. Carefully read the information about the new BIOS



When running the software to flash the BIOS, the current BIOS information and the new BIOS are also displayed. If you ensure the power requirements and the correct version, perform the update.



Depending on the different manufacturers, but the BIOS flash method is also different. But usually, BIOS updates will consist of two steps: backup (save) and flash.

Never use the computer during the BIOS update. Do not start or heat off the computer. You must wait to receive the notification of success or reboot.



After flashing the BIOS, the computer will automatically reboot.

## Conclude

The BIOS is a very important component of the computer. You should not ignore BIOS fixes. BIOS update can help your computer fix some errors related to booting usb uefi, install new versions of Windows . You should carefully read the instructions before performing. Wish success.

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