

HP Workstation System Firmware (BIOS) Update Windows Softpaq Instructions

This document describes how to update (“flash”) your HP Workstation system firmware (BIOS) from Microsoft Windows or from the BIOS user interface, using the files included in this Softpaq.

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I. Softpaq Contents

The following files are included in this Softpaq:

HPFWUPDREC open this folder to find:

- a. HpFirmwareUpdRec.exe
- b. HpFirmwareUpdRec64.exe
- c. HpFirmwareUpdRec.txt
- d. HpqPswd.exe
- e. HpqPswd64.exe
- f. HPQPswd.txt
- g. BIOS BIN FILE (e.g. S50_010100.bin)
- h. BIOS INF FILE (e.g. S50_010100.inf)
- i. Readme.txt

BIOS Flash.htm

History.htm

Logo.bmp

WS_Flash_Instructions.pdf

WS_Flash_Instructions.rtf

II. File Descriptions

HpFirmwareUpdRec.exe

Windows utility to update the BIOS. Open this folder to pick the appropriate application 32 bit or 64 bit per your operating system. It launches with a graphical interface by default. It can be run from a command line as follows:

```
HPBIOSUPDREC.exe [-f [folder path]] [-pPasswordFile] [-s] [-a] [-b] [-?]
```

-f"folder path" Specifies a folder path for tools to scan both inf and bin files.
-ppassword-file Specify encrypted password file created with the HpqPswd utility.
Valid with all other options.

-s Silent mode. Suppresses all output.

-a Eliminates version comparison when -s is present. It is ignored otherwise. There is no log entry or usage dialog if it appears without the silent option.

-b If BitLocker with TPM is in use, automatically suspend it.

-? Show the same usage dialog that appears if an invalid command line is detected. This options overrides all other options, including -s.

Running the application with no options launches the graphical user interface.

HpFirmwareUpdRec64.exe

64-bit version uses the same syntax as HPBIOSUPDREC.exe. Certain environments require the 64 bit version.

HpFirmwareUpdRec.txt

Readme and usage file for **HpFirmwareUpdRec.exe**

HpqPswd.exe

Windows utility to encrypt the Setup password. When running **HpFirmwareUpdRec.exe** interactively, it will prompt you for the Setup password if one is set. In order to run **HpFirmwareUpdRec.exe** unattended, you need to provide it with an encrypted form of the Setup password, using this Windows utility. It can be run from a command line as follows:

```
[-s] [-p"password"] [-f"filename"] [-?]
```

-s Run in silent mode

-f"filename" File name and path, to save the encrypted password

-p"password" Password to encrypt

-? Show help

Running the application with no options launches the graphical user interface.

HpqPswd64.exe

64-bit version uses the same syntax as HPBIOSUPDREC.exe. Certain environments require the 64 bit version.

HpqPswd.txt

Readme and usage file for **HpqPswd.exe**

BIOS Flash.htm

General help for flashing the BIOS, with links to documents and applications.

History.htm

Lists changes to the system BIOS by release.

Logo.bmp

An image file used to see the HP LOGO on other documents.

WS_Flash_Instructions.pdf

WS_Flash_Instructions.rtf

Bios Flashing instructions: (This Document)

III. Startup Menu/BIOS Setup Flashing

You can also update your BIOS/Firmware through the BIOS Startup menu ("Esc" key) or BIOS Setup ("F10" key) using the "Update System BIOS" feature as follows.

1. Insert a USB key into the computer that has the downloaded BIOS Softpaq.
2. Execute the Softpaq.
3. Select the Copy option from the GUI. Alternatively, the Firmware binary file is located in the following directory:
`C:\SWSETUP\<SPXXXXXX>\HPFWUPDREC`
4. Copy the firmware binary to the following directory on the USB key and rename as:
`<drive letter>\HP\DEVFW\Firmware.BIN`
5. Insert the USB key into the workstation that is to be updated and reboot or boot the unit to the Startup menu by pressing Esc during POST (before the OS loads).
6. Use the arrow keys to select the " Update System and Supported Device Firmware" option. Follow the prompts to update the BIOS. Alternatively, the " Update System BIOS" feature is available in BIOS Setup from the Main menu.