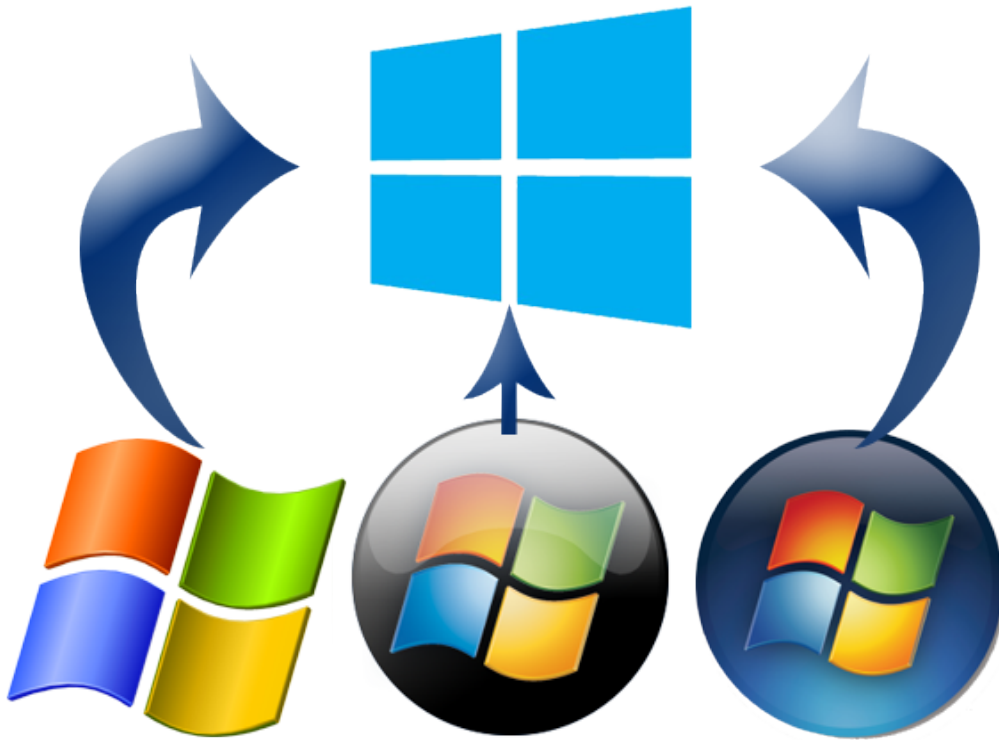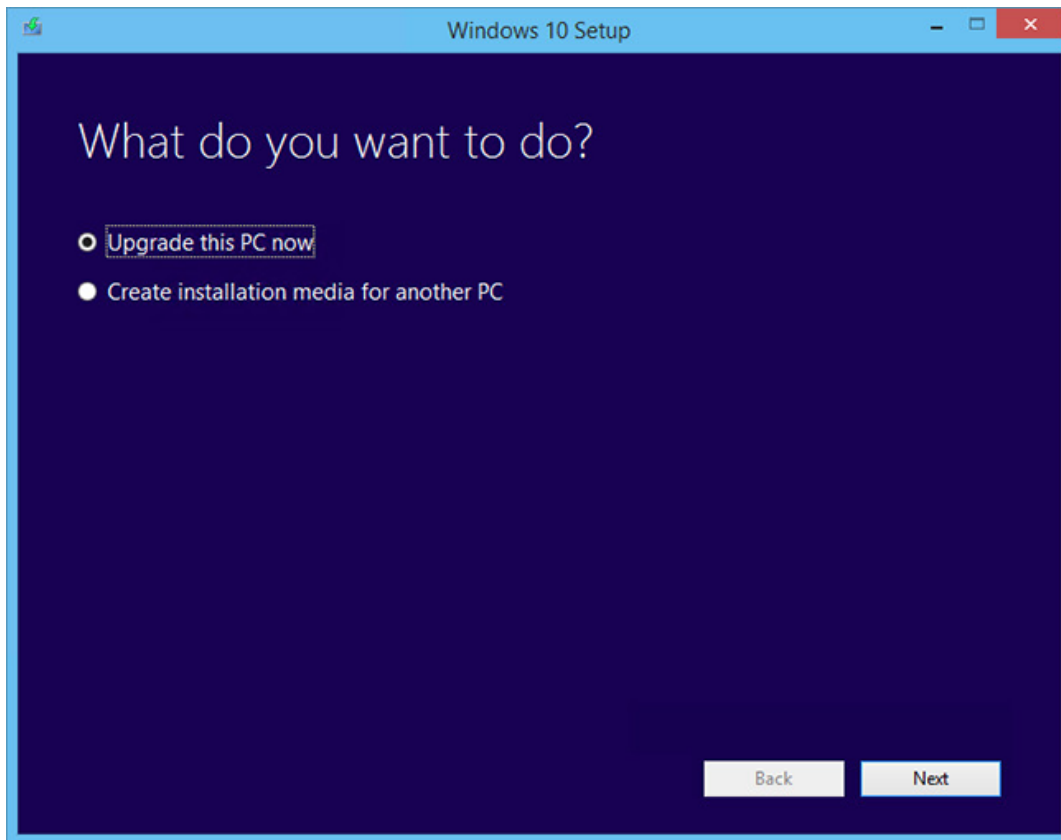# Upgrade old crappy Windows 7 32 bit to Windows 10 32 bit, post install fixes and impressions / How to enter Safe Mode in Windows 10
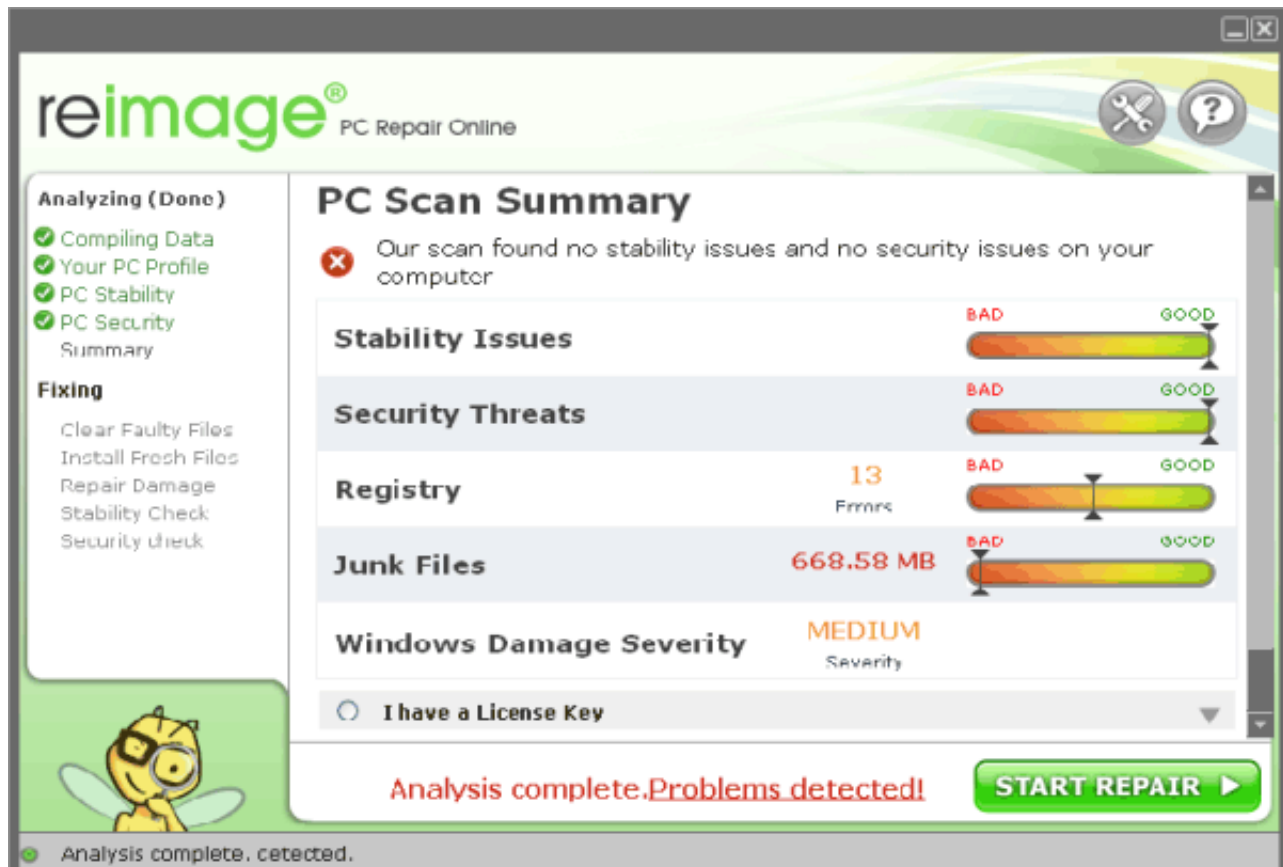
Author : admin

   However as I've been upgrading my sister's computer previously running Windows 7 to Windows 10 (the process of upgrading is really simple you just download Windows-Media-Creation-tool from Microsoft website **and the rest comes to few clicks (Accept Windows 10 User Agreement, Create current install restore point (backup) etc.) and waiting some 30 minutes or so for the upgrade to complete.**

   Then it was up to downloading some other updates on a few times and restarting the computer, each time the upgrades were made and all the computer was ready. I've installed Avira (AntiVirus) as I usually do on new PCs and downloaded a bunch of anti-malware (*MalwareBytes / Rfkill / Zemanta*) to make sure that the old upgraded WIndows was not already infected before the upgrade and I've found a bunch of malware, that got quickly cleared up.

   Anyways I've tried also another tool called **ReimagePlus - Online Computer Repair** in **order to check whether there are no some broken WIndows system files after the upgrade**

(here I have to say I've done that besides *running in an Administrator command prompt* (**cmd.exe**) and running

     sfc /scannow

command to check base system files integrity, which luckily showed no problems with the Win base system files.
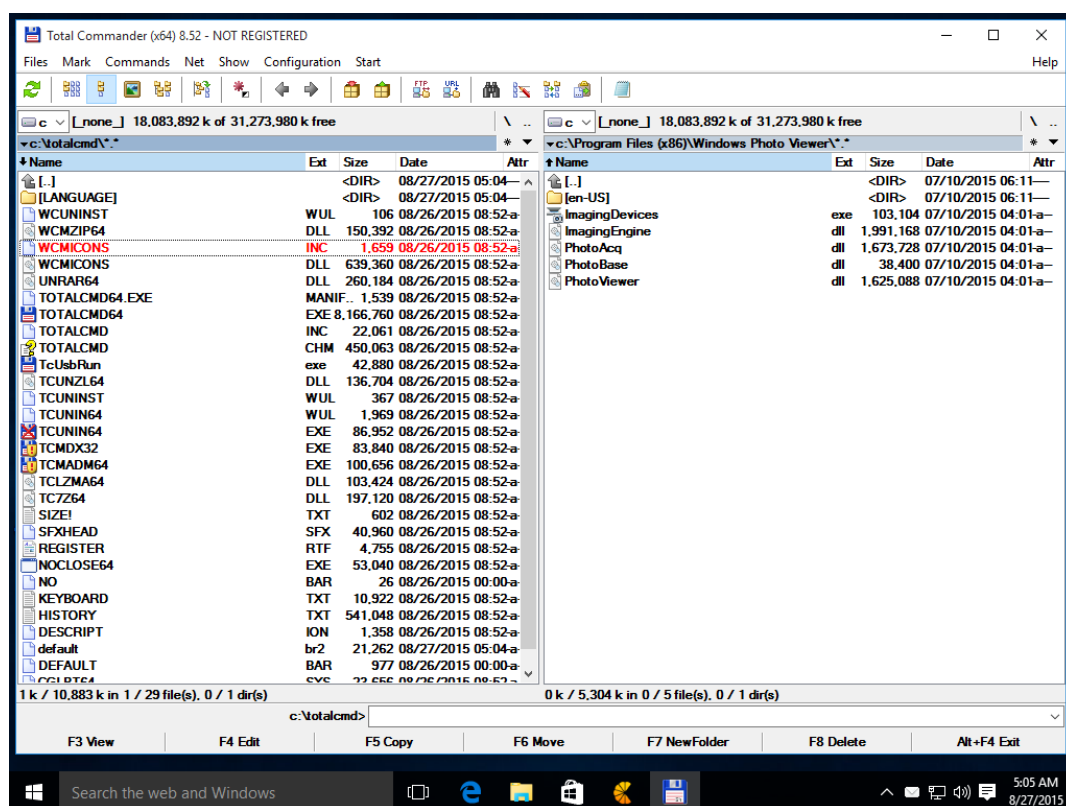
  ReimagePlus however showed some failed services and some failed programs that were previously installed from Windows 7 before the upgrade and even it showed indication for Trojan present on computer but since ReImagePlus is a payed software and I didn't have the money to spend on it, I just proceeded to clean up what was found manually.

  After that the computer ran fine, with the only strange thing that some data was from hard drive was red a bit too frequently, after a short call with a close friend (**Nomen**) - thx man, he suggested that the frequenty hdd usage might be related to *Windows Search Indexing service database rebuilt* and he

adviced me to disable it which I did following this article How to speed up Windows by disabling Search Index Service.

   One issue worthy to mention **stumbled upon after the upgrade was problems with Windows Explorer which was frequently crashing and "restarting the Desktop"**, but once, I've enabled all **upgrades from Microsoft and Applied them after some update failures and restarts**, once all was up2date to all latest from Microsoft, Explorer started working normally.
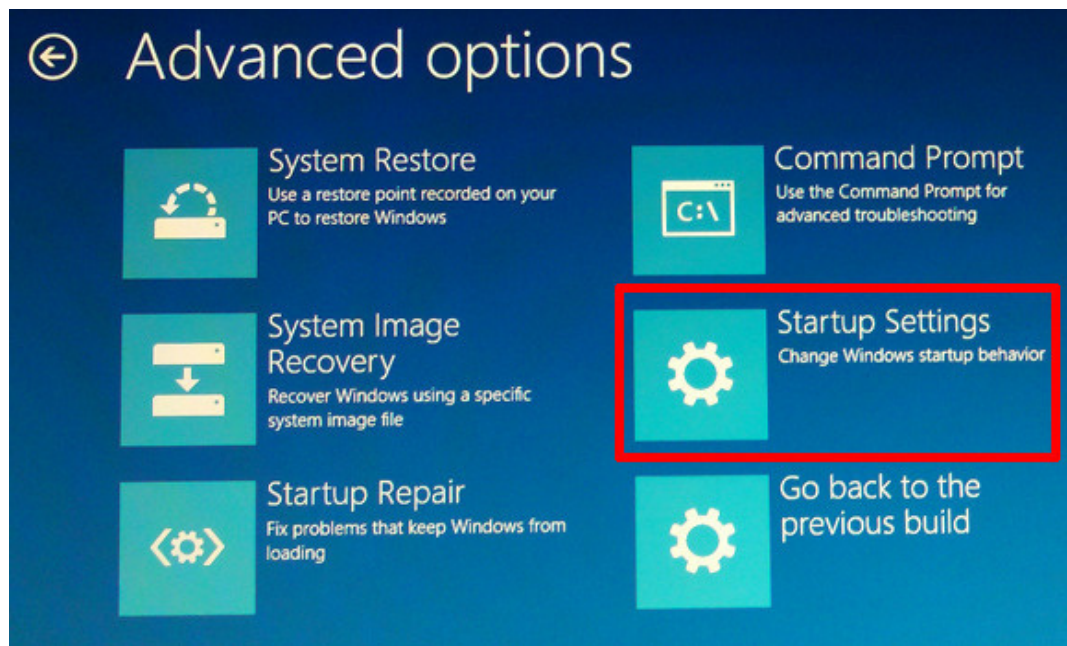
   In the mean time while Windows Explorer was crashing in order to browse my file system I used the good old Win Total Command or Norton Commander for Windows - WinNC (with its most cool bizzarre own File Explorer tool).

   As I wanted to run a MalwareBytes scan and Antivirus under Windows Safe-Mode, I tried entering it by restarting the Computer and **pressing F8 a number of times before the Windows boot screen but this didn't work** as Safe-Mode boot was changed in Windows 10 to be callable in another way because of **some extra Windows Boot speed up optimizations**, in short the easiest way I found to enter Windows 10 Safe Mode was to Hit Start Button -> Choose Restart PC and keep pressed SHIFT button simultaneously
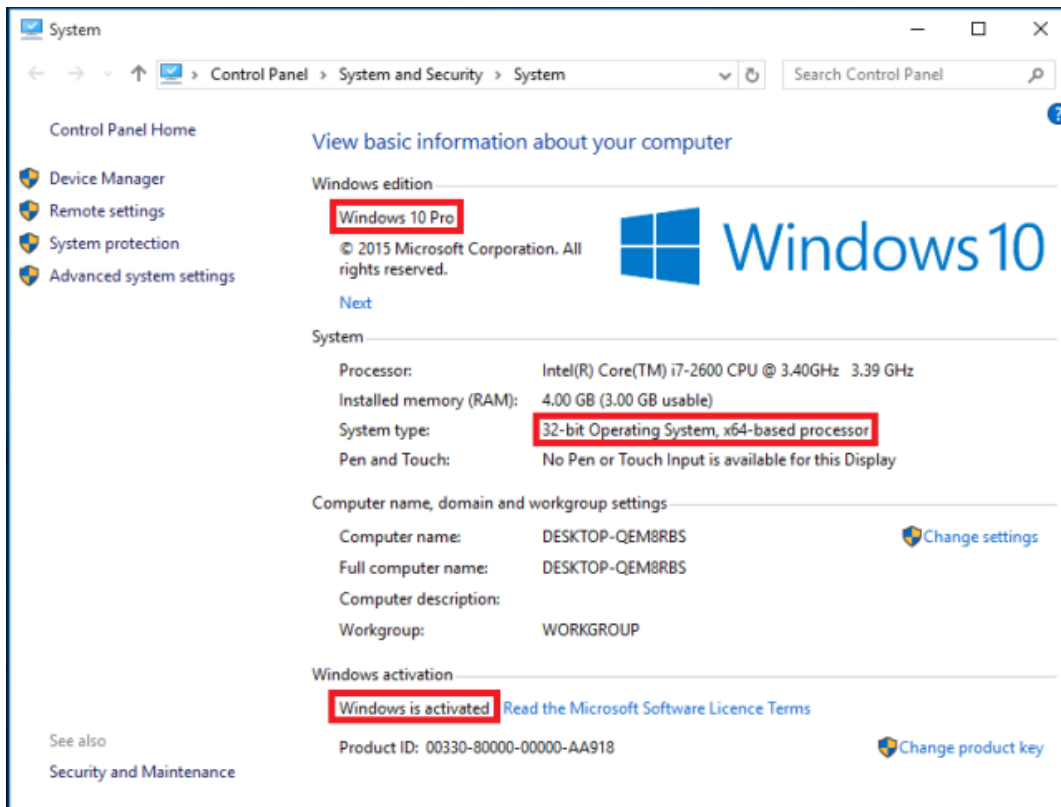that calls a menu that gives you some restore options, along with safe mode options for those who want to read more on How to Enter Safe mode (Command Prompt) on Windows 10 - please read this article.

   Once the upgrade was over and all below done unfortunately I've realized her previously installed *WIndows 7 is x86 (32 bit) version* and the *Acer notebook 5736Z* **where it is being installed is actually X64 (64 bit), hence I've decided to upgrade my dear sis computer to a 64 Bit Windows 10 and researched online whether, there is some tool that is capable to upgrade WIndows 10 from 32 bit to Windows 10 64 bit just to find out the only option is to either use some program to creaty a backup of files on the PC or to manually copy files to external hard drive and reinstall with a** *Windows 10 64 bit bootable USB Flash or CD / DVD image*, **so I took my USB flash and used again Windows Media Creation Tool to burn Windows and re-install with the 64 bit iso.**

   If you're wonder about why I choose to re-install finally *Win 10 32 bit with Win 64 bit*, **because you might think performance difference might be not really so dramatic, then I have to say the Acer notebook is equipped with 4 Gigabytes of RAM Memory and Windows 10 32bit (Pro) could recognize a maximum of 3 Gigabytes (2.9 GB if I have to be precise) and 1 Gigabyte of memory** *stays totally unsued all the time* **with** *Winblows 10 32 bit*.

   I've tried my best actually to not loose time to fully *upgrade Windows 7 (32 bit) -> Windows 10 (64 bit)* but to make Windows 7 32 bit Windows to use more than the default Limitation of 3GB of memory by using [this thirt party PAE Externsion Kernel Patch](#)
which is patching the Windows Kernel to extend the Windows support for PCs with up to 128 GB of memory however it turned out that this Patch file is not compatible with my Windows Kernel version once I followed readme instructions.

   It seems the PAE (Physical Address Extension) is supported by default by Microsoft only on 32 bit Windows Server 10 to [read more on the PAE if interested give a look here.](#)

   Well that's all folks, the rest I did was to just boot from the USB drive just burned and re-install WIndows and copy my files from User profile / Downloads / Pictures / Music etc. to the same locations on the new installed Windows 10 professional 64 bit and enjoy the better performance.