

Windows 10 Upgrade



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This checklist is for upgrading from Windows 7 or 8.1 to Windows 10.

NOTES:

- **VERIFY WITH THE MANUFACTURER** that your model PC supports Windows 10.
- **WINDOWS 10 Hardware Requirements:** <http://www.microsoft.com/en-gb/windows/windows-10-specifications>
- **BIOS/UEFI:** Verify it is at the latest available level and that it supports Windows 10.
- **FREE UPGRADE: Plug in a spare SSD and INSTALL WINDOWS 10 on it** using an Install DVD or Win10 .USB KEY. Be sure to have the Internet DISCONNECTED to be sure to be offered a local user acct. Be sure to use the Product Key from the PC's original Windows 7 COA Sticker.
- **GET THE UPGRADE** via the Windows 10 Update Assistant or the Windows 10 Media Creation Tool. If you do not already have a Product Key for Windows 10 or have not previously Activated Win 10 on this PC, you must buy it. [Http://www.microsoft.com/en-us/software-download/windows10](http://www.microsoft.com/en-us/software-download/windows10)
- **WINDOWS 10 BOOTABLE USB STICK OPTION:** If the Windows Update Assistant does not work, Microsoft offers a Media Creation Tool to do the update from a Bootable USB stick or DVD.
- **LOCAL USER ACCOUNT vs LIVE USER ACCOUNT:**
 - ✓ If you are upgrading from Windows 8.1: Determine if your current user log-in is a Local Account or a Microsoft Live Account. To find out, go to (*Control Panel > User Accounts*). _____Local _____Live
 - ✓ During the upgrade, Microsoft may want you to log in to a "Live" Account. If you want to keep your Local Account, google the phrase: *How to set up a local account in Windows 10 during or after installation.*
 - ✓ If the Administrator user account you are using to do the upgrade is a Local user account, you will probably just be asked to log into that same account during the upgrade

BEFORE STARTING THE UPDATE:

- **RUN MEMTEST86+** Tap on the memory sticks while it is running and make sure it is solid.
- **RUN CRYSTAL DISK INFO** (*Latest version!*) to validate the Hard-Drive is in good condition.
- **CHECK TEMPERATURES** with Speedfan.
- **VERIFY ADEQUATE HARD-DRIVE SPACE:** Make sure there is plenty of free hard-disk space available. (*Enough for both the new system and the old system*).
- **WINDOWS UPDATES:** Install all your available Windows Updates. Including all; "Critical", "Important", and "Optional" (Drivers). If you are at Windows 8, you need to first upgrade to Windows 8.1.
- **WIN 7/8 IMAGE BACKUP:** I strongly suggest you do a FULL Image backup at this point. There is always the possibility that the upgrade will make your PC unbootable (bricked). Note: Acronis TI Home 2015 must be at build 6613 or version Acronis TI Home 2016 or later. At least, do a full data backup.
- **RUN BELARC ADVISOR** to get Product Keys for all installed Programs. Save to a Flash Drive.
- **IF THE UPGRADE HAS BEEN DISABLED:** If NEVER10 or GWX Control Panel were used to disable Win 10 Upgrade, be sure to re-enable the upgrade using those tools, then delete them.
- **DISABLE THE "GUEST" ACCOUNT.** It is not supported by Win10.
- **REMOVE MSE, Bing Desktop, and Spybot S&D,**
- **REMOVE TFC** (*Temp File Cleaner*) and **ULTRA FILE SEARCH STD (Standard)**
- **REMOVE WOT for IE.** (*WOT for Firefox and Chrome are OK*).
- **REMOVE MISC LENOVO APPS:** See page 3 for details.
- **SANDBOXIE:** Must be up to date. 5.30 or higher. If not, the upgrade will abort.
- **SOUNDS:** Windows Sounds (*Control Panel > Sounds*) must be set to "Windows Default" for each user.
- **RECORD THE DISPLAY SETTINGS:** Wallpaper & other display Personalizations for use after upgrade. Make sure any unique settings are recorded. Note: *Many Windows 7 and 8 Wallpapers are missing from Windows 10 after the upgrade.* If you have a wallpaper image or images that you like, you need to find its picture files and save them into the Pictures folder for use after the upgrade. Then after the upgrade, you should be able to find the images in the Pictures folder.

MORE PRE-INSTALL TASKS:

- 1) **SUMo SCAN:** INSTALL SUMo and make sure all installed programs are up to date.
- 2) **DO A SCREEN PRINT of each User's Desktop and save to a document and save it for reference**
- 3) **DELETE ALL TEMP FILES FOR EACH USER USING THE LATEST VERSION OF CCLEANER.**
- 4) **ANTI-MALWARE SCANS:** Run FULL scans with all available programs:
O ADWcleaner, O MalwareBytes, O SuperAntiSpyware, O ESET online Scan.
- 5) **SYSTEM PROTECTION:** Make sure the Drive C protection is ON and the "Max Usage" is configured for 30 GB or greater.
- 6) **REMOVE ANY PROGRAMS NOT COMPATIBLE WITH THE UPGRADE PROCESS OR WITH WINDOWS 10. YOU SHOULD REMOVE THESE PROGRAMS NOW!** Examples are: AVAST!, Acronis True Image (older than 2015 build 6613), SKYPE Classic (Ver 7), SpyBot Search and Destroy, Microsoft Security Essentials, Secunia PSI, WOT for IE, and any other programs known to fail with the Windows 10 upgrade. This includes CLASSIC SHELL, START8/START10 & old versions of CCleaner..
- 7) **DISABLE THE REAL-TIME PROTECTION** of ALL installed Anti-Malware programs. If Microsoft Security Essentials is still installed, remove it.
- 8) **PAUSE ALL BACKUP & SYNC PROGRAMS:** Pause Dropbox, Google Backup & Restore, Carbonite
- 9) **POWER ADAPTER:** For laptops, make sure that the Power Adapter is plugged in and charging.
- 10) **POWER SETTINGS:**
 - a) "HIBERNATE" and "SLEEP" should be set to "NEVER". See the "Advanced Power Settings".
 - b) "TURN OFF THE DISPLAY" should be set to "NEVER". See the "Advanced Power Settings".
- 11) **SCREENSAVER:** Verify that "Control Panel > Personalization > Screen Saver" is set to "None".

STEP BY STEP UPGRADE:

- 1) **UNPLUG ALL USB DEVICES:** Unplug all devices from ALL USB Ports. (*Upgrade may ABORT if any are left plugged in.*)
- 2) **DISABLE THE REAL TIME PROTECTION OF ALL ANTI-MALWARE PROGRAMS.** If Microsoft Security Essentials is still installed, uninstall it.
- 3) Make sure you are logged into an "Administrator" authority User Account (*and not Standard*).
- 4) You should already have either the Windows 10 Upgrade Assistant program or the downloaded Windows 10 Media (*DVD or USB Stick*) available. <http://go.microsoft.com/fwlink/?LinkId=691209> To Upgrade from Media, do not boot the Media. Start it while your system is running.
- 5) Open the Update Assistant or the downloaded Install Media and click "Update Now".
- 6) After the Reboot, at the Welcome screen, choose the "Log-in" screen for the Administrator Account, put in the previous password for the that Account.
- 7) At the PRIVACY Screen, disable all desired options.
- 8) Do steps 5 & 6 for each user Account.

AFTER THE UPGRADE:

- **RESTORE SETTINGS:** Re-enable the real-time protection in your Anti-Malware program, and restore the Power Options and Screen Saver settings to normal.
- **WINDOWS UPDATES:** Even though it will say, "No updates available", do a manual "Check for updates" and install all available Updates. Keep re-running the "Check for Updates" until no more show up.
- **RE-INSTALL ANY REMOVED PROGRAMS:** ie: Acronis True Image, as desired.
- **RESTART ANY PAUSED PROGRAMS.**
- **RESTORE THE WALLPAPER AND DISPLAY PERSONALIZATIONS:** The Windows 10 update will reset the desktop wallpaper and all display Personalizations. They must be restored manually to the settings recorded earlier. When done, be sure to save all the personalizations (Save Theme). See also <http://windows.microsoft.com/en-us/windows/wallpaper>
- **Win 10 IMAGE BACKUP:** I strongly suggest you do a FULL Image backup of the new Win 10 system before customizing the Install..
 - **WINDOWS 10 INSTALL CHECKLIST:** Now is the time to start my Windows 10 Install Checklist.

LENOVO CONSIDERATIONS

LENOVO: ThinkPad and LaVie Computers.

Applications that MUST BE REMOVED before Upgrading to Windows 10

Ref: <https://support.lenovo.com/us/en/solutions/ht103615>

Corel WinDVD	Rescue and Recovery(R)
Lenovo Fingerprint Manager	ThinkPad Power Manager
Lenovo Fingerprint Manager Pro	ThinkVantage(R) Password Manager
Lenovo Fingerprint Reader/Password Vault	ThinkVantage(R) Password Manager
Lenovo RapidBoot	Touch Fingerprint Manager Pro

Applications that are RECOMMENDED TO BE REMOVED before upgrading to Windows 10 (Lenovo applications)

Lenovo Browser Guard	Lenovo Transition
Lenovo Mobile Broadband Activation	Lenovo User Guide Viewer
Lenovo QuickControl	Lenovo Warranty Viewer
Lenovo QuickDisplay	LenovoEMC Storage Connector
Lenovo SimpleTap	Message Center Plus
Lenovo Solutions for Small Business	Screen Rotate Utility
Lenovo Support	ThinkVantage Access Connections(TM)
	ThinkVantage

LENOVO Desktop Computers

Applications that MUST BE REMOVED before Upgrading to Windows 10.

Ref: <https://support.lenovo.com/us/en/solutions/ht103637>

Baidu Anti-Virus	Lenovo Message Center Plus
McAfee LiveSafe-Internet Security	Lenovo Password Manager
Lenovo PC-cillin	Lenovo Rescue & Recovery
Lenovo Fingerprint Reader	Lenovo New FingerPrint Apps
Lenovo Fingerprint Manager	Lenovo Desktop Power Manager
ThinkVantage(R) Fingerprint Software	Lenovo SimpleTap

Applications that we RECOMMEND YOU REMOVE before upgrading to Windows 10 (Lenovo applications)

Rotate Desktop	Lenovo Remote Management
NFC Connection	Lenovo USB Recovery Tool
Lenovo Companion	Shopping Lenovo
BEACON	Lenovo Drummer
Lenovo Bluetooth Lock	Lenovo Dress-up
Driver&Application Installation	Lenovo Dashboard
Lenovo Vantage Technology	LenovoDynamicBrightnessSystem
Le Assistant	Lenovo Settings
Lenovo Passport Service	Intel Small Business Advantage
Lenovo PC Care	Lenovo Newell Center