If you prepare your Computer's Hard Drive before doing a **Clean Install**, (using an upgrade copy of Windows7), it can be done with or without the **System Reserved** partition being created.

It's only required if you use the Bitlocker Drive Encryption utility.

To speed up the installation process, a copy of the Operating System you own, can be downloaded from my link with Service Pack 1 included, in ISO format. Your store bought copy might not include SP1.

http://www.w7forums.com/official-windows-7-sp1-iso-image-downloads-t12325.html

Burn the ISO to a DVD using ImgBurn for example, using a low speed setting and select Verify.

Remove all connected hard drives before starting.

Boot your computer using your new DVD. After setting the language for your location, click Next, then click the **Repair your computer** link. Once your operating system has been identified, click **Command Prompt**.

Part 1 If you use Bitlocker Drive Encryption.



Type the following and press Enter after each step.

diskpart list disk select disk 0		
clean format fs=ntfs	(this will clean the Hard Drive and	remove any partitions)
exit exit	(closes diskpart) (closes the Command Prompt)	Go to Part 3 + 4.

Part 2

If you are using an existing partition and want to keep the other partition/s without adding the System Reserved partition.

💷 Administrator: C	:\Wind	lows\System32	l\cmd.exe -	diskpart			_ 🗆 ×
Microsoft Windows EVersion 6.1.76011 Copyright (c) 2009 Microsoft Corporation. All rights reserved.							-
C:\Windows\sys	tem32	?>diskpart					
Microsoft Disk Copyright (C) : On computer: Li	Part 1999- APTOR	version 6. 2008 Micros	1.7601 soft Corr	poration.			
Volume ###	Ltr	Label	Fs	Туре	Size	Status	Info
Volume Ø Volume 1	C D	Laptop Data	NTFS NTFS	Partition Partition	45 GB 187 GB	Healthy Healthy	System
DISKPART> sele	ct vo	olune Ø					
Volume 0 is th	e sel	lected volu	ne.				
DISKPART> _							
							*

Type the following and press Enter after each step.diskpartlist volumeselect volume o(this is where the OS will be installed)format fs=ntfsexit(closes diskpart)exit(closes the Command Prompt)Go to Part 3 + 4.

I recommend you repartition your hard drive before starting. I use a 50GB partition for my C: drive, anything I have on it is also stored on external Hard Drives, so I never lose anything. It makes Imaging (backup) faster.

To partition the Hard Drive.



Type the following and press Enter after each step. diskpart list disk select disk o (this is where the OS will be installed) clean (this will clean the Hard Drive and remove any partitions) create partition primary size=51200 (gives you a 50GB partition) list partition select partition 1 format fs=ntfs exit (closes diskpart) exit (closes the Command Prompt) Go to Part 3 + 4.

Part 3

Click **Restart** to start the install process, following the options as required for a **Clean Install.** When asked, enter your name and the Computer name. **DO NOT enter the 25 character key for activation, and untick the Auto activate option. DO NOT enter a password.** Both can be done later.

Part 4

When installation has completed, you will get some updates that require a restart. When there complete, open Registry Editor, Run as Administrator and go to:-HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\Currentversion\Setup\OOBE

🕍 Registry Editor								
File Edit View Favorites Help								
		Name abi(Default)	Type	Data (value not set)				
	OOBE Optim: Optim: Paren Persol Poto	MediaBootInstall RetailInstall SetupDisplayedEula SetupSQMOptIn	REG_DWORD REG_DWORD REG_DWORD REG_DWORD	(value not set) 0x00000000 (0) 0x00000001 (1) 0x00000001 (1) 0x00000000 (0)				

Set Reg_DWORD of MediaBootInstall to 0 by right clicking it and selecting Modify.

Now open a Command Prompt, right click and select **Run as Administrator**, type **slmgr** /**rearm** press **Enter**, wait for confirmation then reboot. You can now activate it. using the key you own.

If your computer now has only 1 drive, there are many free programs that can be used to partition it without damaging your installation.

Compliments of

