# Full Image Restore with Modern Standby <sub>Windows 10</sub>

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#### 1 Introduction

Some HP business-class notebooks are capable of Modern Standby. This feature of Windows 10 provides users with an 'instant-on / instant-off' experience similar to a smartphone. Many characteristics of the notebook's operating environment are optimized to work in the Modern Standby environment when enabled and are different when Modern Standby is disabled. For this reason, if switching between the enabled and disabled settings, the notebook's operating system should be reinstalled.

The software image used for the restoration can be original operating system installation media or an image provided by a third-party, such as the user's company Information Technology department. The following procedure reconfigures the computer for the changes that have been selected in the computer's BIOS menu, using the HP software image installed on the computer at the factory. This procedure also resets the configuration required for Modern Standby in either Enabled or Disabled mode based on the option selected during the initiation of the restore process.

Switching between Modern Standby Enabled and Disabled is not recommended without fully reinstalling the operating system on the computer. HP has provided the original factory image on the computer's hard drive to prevent the customer from having to reinstall the operating system from a download server, rescue DVDs, or other media.

As noted below, HP's SDS component must be reinstalled to complete the settings configuration. Reinstalling this SDS component must be done regardless of the method used to re-install the Operating System.

NOTE: The images provided in this technical whitepaper are for reference only, and may differ slightly.

**IMPORTANT!**: The Full Image Restore process can take up to several hours to complete. The computer must remain connected to AC power for the entirety of the process.

### 2 Procedure for Full Image Restore

#### 2.1 Starting Windows Recovery Manager

1. Type recovery in the taskbar search box, select HP Recovery Manager, and then select Windows Recovery Environment.

NOTE: If a User Account Control dialog box appears, click Yes.



Figure 1 Windows Recovery Manager

2. Confirm the restart by clicking **OK** on the confirmation popup.



Figure 2 Windows Recovery Environment confirmation

3. Select **Troubleshoot**.

Figure 3 Windows Recovery Environment -- Troubleshoot

#### 4. Select Recovery Manager

© Trou	bleshoot
<u>O</u> ,	Reset this PC Lets you choose to keep or remove your files, and then reinstalls Windows.
	Recovery Manager IP backup and recovery or contact HP support
¥≡	Advanced options

Figure 4 Troubleshoot menu

5. Select System Recovery.

Help	Maintenance	Precautions
System Recovery	Run Computer Checkup	File Backup
store your computer to its original (tory condition	Use the Kardware Diagnostics tool to diagnose your computer's memory, HQ, etc	Back up your personal data
	V Support	
	Show contact information	
	Show contact information for HP Customer Support	

Figure 5 HP Recovery Manager

6. Select the preferred option: recover with backup (recommended) or without backup.

**NOTE:** If no data backup is necessary, proceed to Step 9.

Reco	very Manager	
Syste	m Recovery	
	This process will reinstall the original factory image on the system partition but will not perform other bard drive changes	
	All user-created files and partitions and any programs installed after purchase will be lost.	
	O Back up your files first (recommended)	
	Recover without backing up your files	
	To continue, select an option and then click Next.	
About	Back Next Cancel	

Figure 6 System recovery backup options

7. Select the data backup file selection method.

Recover	y Manager
File Backu	P
	Which file selection method do you want to use to create your backup?
	Auto Selection
	Select file categories to back up.
	<ul> <li>User Selection</li> </ul>
	Select which folders and files to back up manually.
	To continue click Next
	To commute, cuck next.
	EACK NOT CARCER

Figure 7 File backup selection method

8. Select **Browse Files** to choose the files to back up.

🅼 Recovery Manager		
File Backup		
	2-12	
What files do you want to bac	:k up?	
Browse Files		
Size of backup: 0 bytes		
To continue distribution		
to continue, click Next.		
Back	Next	Cancel

Figure 8 File backup selection

9. If recovering without backing up, select Recover without backing up your files, then click Next.

Second second	
System	Recovery
	This process will reinstall the original factory image on the system partition but will not perform other hard drive changes.
	All user-created files and partitions and any programs installed after purchase will be lost.
	<ul> <li>Back up your files first (recommended)</li> </ul>
	Recover without backing up your files
	To continue, select an option and then click Next.

Figure 9 System recovery without data backup

10. Click **Next** to begin the system recovery.

System	Recovery	
	If your computer originally included more than one operating system, the recovery process will reset all operating systems back to factory condition. The recovery process has two phases:	^
	Recovery Preparation The hard drive will be reformatted, and all files required to restore the minimized image will be copied to the hard drive.	
	Recovery Installation Software and drivers are installed, and the content is customized for your computer.	۲
	To continue, click Next.	

Figure 10 System recovery confirmation

11. The system recovery may take several hours.

() Reco	overy Manager	×
Syste	em Recovery	
	<ul> <li>Reformatting the Windows partition of your hard drive</li> <li>Copying files required to restore the hard drive</li> <li>Restoring files to the hard drive</li> </ul>	
	Estimated time remaining: 1 minute(s)	
	Please wait	
About	Back Next	Cancel

Figure 11 System recovery in progress

- 12. Once complete, follow the on-screen instructions to complete the computer setup.
- Download and install the Windows 10 System Default Settings software update. Visit the HP Support website at <a href="http://support.hp.com">http://support.hp.com</a>, then click Get software and drivers. Enter the model of the computer, and from the list provided, choose Software-System Management, then download the System Default Settings for Windows 10 software package.

**NOTE:** HP does not support Modern Standby in the Connected configuration.