

Vero Beach Computer Group

November 16, 2009 Meeting

Topic: Windows 7

Recommended: Computer with 2Gb of RAM, 30Gb Free HD Space



New Features:

Enhanced Navigation

- Open files you use regularly in just two clicks with Jump Lists.
- Get around and get things done faster with the improved taskbar.
- Instantly locate and open any file on your PC right from the Start menu with Windows Search.
- Manage open programs, documents, and browser windows easily with thumbnail and full-screen previews of open windows.

Networking Made Simple

- Connect to home networks in just four clicks and share printers and documents with HomeGroup.
- Libraries make it easy to browse and access photos, music, and documents on other PCs and devices on your home network.
- Automatically send documents to the right printer when you move back-and-forth between home and business networks.

Easy to Communicate and Share

- Manage email, chat with IM, and edit and share photos more efficiently with Windows Live Mail, Windows Live Messenger, and Windows Live Photo Gallery.

Improved Security

- User Account Controls reduce the likelihood of your PC being infected by malicious software by alerting you if an unknown program tries to run on your PC.
- The SmartScreen® filter in Internet Explorer 8 helps you stay safe by alerting you to potentially fraudulent websites that try to fool you into giving up private information.
- With Parental Controls, you can set specific times when your children can use the PC and determine which programs they can use and which games they can play.

Personalize

- Customize your PC with helpful gadgets and desktop themes, including an option to turn your desktop into a slideshow of your own photos.
- Receive fewer system messages, pop-ups, and notifications, so you can work with fewer interruptions

More Media in More Places

- Access photos, music, and videos on your home PC easily when you're away from home with remote media streaming.
- With PlayTo, send music, photos, and videos from your PC to media devices connected to your home network, like many digital picture frames and Wi-Fi music systems.
- DirectX® 11 technology delivers breathtaking game graphics so real, it's unreal.

Key Features between Versions	Windows	Windows 7	Windows 7	Windows
	7	Home	Professional	7
	Starter	Premium	Professional	Ultimate
Improved Windows® Taskbar and Jump Lists	X	X	X	X
Windows® Search	X	X	X	X
Join a HomeGroup	X	X	X	X
Windows Media® Player	X	X	X	X
Back-up and Restore	X	X	X	X
Action Center	X	X	X	X
Device Stage™	X	X	X	X
Enhanced Home Media Streaming including PlayTo	X	X	X	X
Application Capabilities	Unlimited	Unlimited	Unlimited	Unlimited
Live Thumbnail Previews from Taskbar		X	X	X
Fast User Switching		X	X	X
Create ad-hoc wireless networks		X	X	X
Internet Connection Sharing		X	X	X
Aero® Glass and advanced Window navigation		X	X	X
Windows® Touch (Multi-touch and handwriting support)		X	X	X
Create a HomeGroup		X	X	X
Windows® Media Center		X	X	X
DVD Video playback and authoring		X	X	X
Location Aware Printing			X	X
Domain Join & Group Policy Controls			X	X
Remote Desktop Host			X	X
Advanced Back-up (Network & Group Policy)			X	X
Encrypting File System			X	X
BitLocker™ & BitLockerTo Go™				X
AppLocker™				X
DirectAccess				X
BranchCache™				X
MUI Language Packs				X

Windows® 7 System Requirements:

- 1GHz or faster 32-bit (x86) or 64-bit (x64) processor
- 1GB RAM (32-bit) / 2GB RAM (64-bit)
- 16GB available disk space (32-bit) / 20GB (64-bit)
- DirectX® 9 graphics processor with WDDM 1.0 or higher driver

Additional Requirements to use certain features:

- Internet Access (fees may apply)
- Depending on resolution video playback may require additional memory and advanced graphics hardware

- For some Windows® Media Center functionality a TV tuner and additional hardware may be required
- Windows Touch and Windows Tablet require specific hardware
- HomeGroup requires a network and PCs with Windows 7
- DVD/CD authoring requires a compatible optical drive
- BitLocker™ requires TPM1.2; BitLocker To Go™ requires a USB Flash Drive
- Music and sound require audio output
- Windows XP Mode requires:
 - Additional 1GB of RAM
 - Additional 15GB of available disk space
 - Processor capable of hardware virtualization, with Intel VT or AMD-V turned on

[Windows® 7 Upgrade Advisor](#) can help you determine which features and editions of Windows 7 will run on your computer; Also see [Windows® Easy Transfer](#), [Upgrading from Windows® Vista® to Windows® 7](#), or [Upgrading from Windows® XP to Windows® 7](#).

Upgrading Your PC to Windows 7

Use the chart below to determine whether a clean install or an in-place upgrade will be required to get the Windows 7 experience you want.

Upgrade FROM:		Upgrade TO:					
		Windows 7 Home Premium		Windows 7 Professional		Windows 7 Ultimate	
		32-bit	64-bit	32-bit	64-bit	32-bit	64-bit
Windows® XP*		Custom Install	Custom Install	Custom Install	Custom Install	Custom Install	Custom Install
Windows Vista® Starter	32-bit	Custom Install	Custom Install	Custom Install	Custom Install	Custom Install	Custom Install
	64-bit	Custom Install	Custom Install	Custom Install	Custom Install	Custom Install	Custom Install
Windows Vista® Home Basic	32-bit	In-Place Upgrade	Custom Install	Custom Install	Custom Install	In-Place Upgrade	Custom Install
	64-bit	Custom Install	In-Place Upgrade	Custom Install	Custom Install	Custom Install	In-Place Upgrade
Windows Vista® Home Premium	32-bit	In-Place Upgrade	Custom Install	Custom Install	Custom Install	In-Place Upgrade	Custom Install
	64-bit	Custom Install	In-Place Upgrade	Custom Install	Custom Install	Custom Install	In-Place Upgrade
Windows Vista® Business	32-bit	Custom Install	Custom Install	In-Place Upgrade	Custom Install	In-Place Upgrade	Custom Install
	64-bit	Custom Install	Custom Install	Custom Install	In-Place Upgrade	Custom Install	In-Place Upgrade
Windows Vista® Ultimate	32-bit	Custom Install	Custom Install	Custom Install	Custom Install	In-Place Upgrade	Custom Install
	64-bit	Custom Install	Custom Install	Custom Install	Custom Install	Custom Install	In-Place Upgrade

Note: To do an in-place upgrade on either a 32-bit or 64-bit system, please ensure that your PC has either Windows Vista Service Pack 1 (SP1) or Service Pack 2 (SP2) installed first.

A custom (clean) installation gives you the option to either completely replace your current operating system or install Windows on a specific drive or partition that you select. You can also perform a custom installation if your computer does not have an operating system, or if you want to set up a multi-boot system on your computer.

An in-place upgrade keeps your files, settings, and programs intact from your current version of Windows.

Upgrading from Windows XP (Custom Install):

1. Backup all your data to an external storage device.
2. Find all the installation CDs for your programs (or download links and print them out)
3. Run Windows Upgrade Advisor (windows.microsoft.com/upgradeadvisor)
4. Use Easy Transfer to save your files and settings to an external hard drive, flash drive or other media with enough room. (windows.microsoft.com/windows-easy-transfer)
5. Start up with Windows 7 CD and choose Custom (advanced)
6. When done, use Easy Transfer to restore your files and settings
7. Reinstall your programs from CDs or download links from step 2.

Choosing 64-bit over 32-bit:

1. If you're not running Vista 64-bit already, then you'll have to do a custom install and erase your hard drive, so follow the steps in "Upgrading from Windows XP" – even for Vista 32-bit.
2. This is a good time to do this if you have lots of time and patience. Especially good if you are upgrading from Windows XP, since you have to erase your hard drive anyway.
3. You can run 32-bit software, but not 32-bit drivers. If you have old accessories (digital cameras, printers, scanners, etc.) – if 64-bit drivers aren't available on-line, you won't be able to use them anymore. If you can't live without them, then you'll need to choose the 32-bit version of Win7.
4. It's faster, can "see" more ram and takes better advantage of your processor. Windows Upgrade Advisor will tell you if you can use 64-bit Windows 7 before you upgrade and any other compatibility issues.

Pricing:	Windows 7 Home Premium Upgrade	\$119
	Windows 7 Home Prem Family Upgrade	\$149 (for up to 3 home computers)
	Windows 7 Professional Upgrade	\$199 (business users)
	Windows 7 Ultimate Upgrade	\$219

My Notes:

1. Windows XP Support ends in 4 years, so upgrade to Windows 7 or buy a new computer that has it before then.
2. Once you upgrade, you can't go back
3. Outlook Express is removed. If you need an email client, you can get one from <http://download.live.com/wlmail/>

Your Notes:
