

Tour of Windows 7

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Agenda

- New Stuff
- Version Differences
- Removed and Renamed Components
- Discuss Upgrade Options
- Issues
- Suggestions
- Examples



What's New?

- Improved Startup, Shutdown, Performance, and Stability
- Windows Fax and Scan
- Speech, handwriting
- Virtual Hard Disks (VHD)
- Revised Taskbar (the "Superbar")
- Windows Biometric Framework
- Backup And Restore Center
- Desktop Slide Show
- Windows Media Center Gadget
- Thumbnail Preview Interaction
- New Keyboard Shortcuts



Retail Versions

- Windows 7 Retail Versions
 - Home Premium
 - Professional
 - Ultimate
- Analogous to the following Vistas:
 - **+ Home Premium**
 - Business
 - Ultimate



Specific Market Versions

- Starter OEM, no 64-bit
- Home Basic emerging/developing markets (e.g.: not US)
- Enterprise volume licensing
- Family Pack (Home Premium for up to 3 PCs)









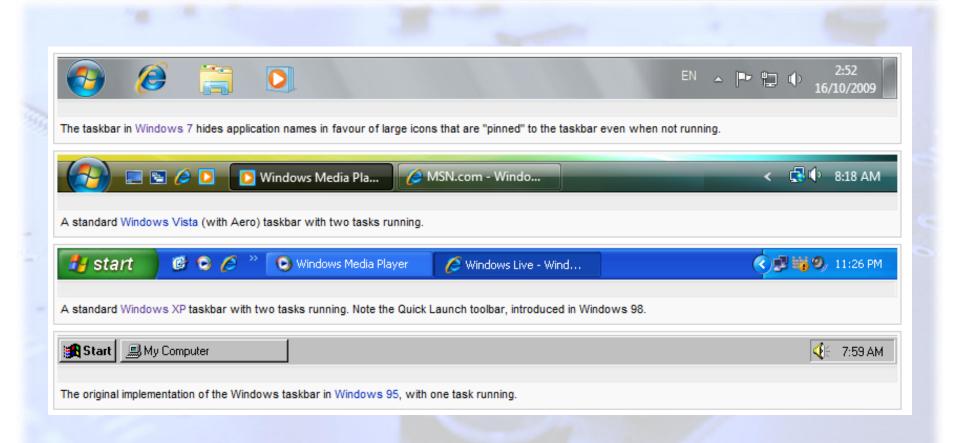
Windows 7 Professional

Windows 7 Ultimate

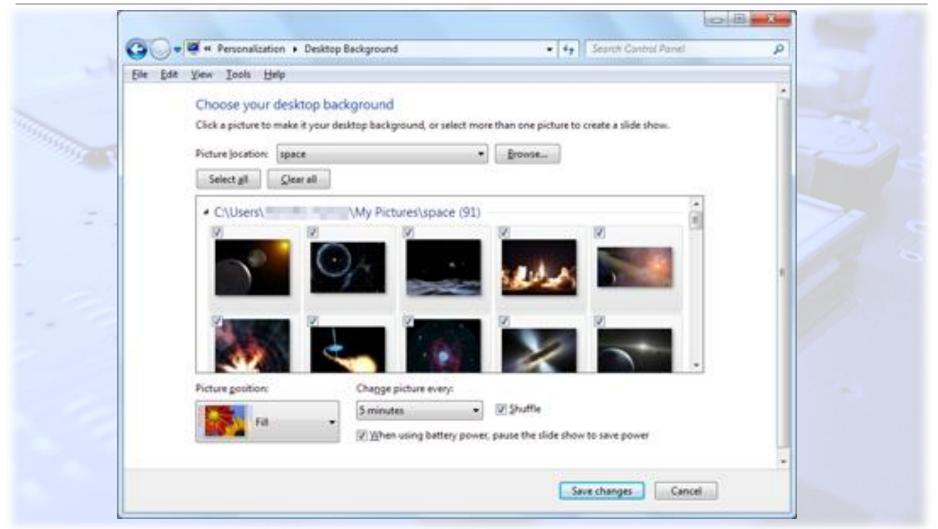
| Windows 7 Features | Home Premium | Professional | Ultimate |
|---|--------------|--------------|----------|
| Estimated Retail Pricing (ERP) for upgrade license. | \$119.99 | \$199.99 | \$219.99 |
| Make the things you do every day easier with improved desktop navigation. ③ | ✓ | ✓ | ✓ |
| Start programs faster and more easily, and quickly find ③ the documents you use most often. | ✓ | ✓ | ✓ |
| Make your web experience faster, easier and safer than ever with Internet Explorer 8. ③ | ✓ | ✓ | ✓ |
| Watch, pause, rewind, and record TV ③ on your PC. | ✓ | ✓ | ✓ |
| Easily create a home network and connect your PCs to a printer with HomeGroup. ③ | ✓ | ✓ | ✓ |
| Run many Windows XP productivity programs in Windows XP Mode. ③ | | ✓ | ✓ |
| Connect to company networks easily and more securely with Domain Join. ③ | | ✓ | ✓ |
| In addition to full-system Backup and Restore found in all editions, you can back up to a home or business network. | | ✓ | ✓ |
| Help protect data on your PC and portable storage devices against loss or theft with BitLocker. ③ | | | ✓ |
| Work in the language of your choice and switch between any of 35 languages. | | | ✓ |



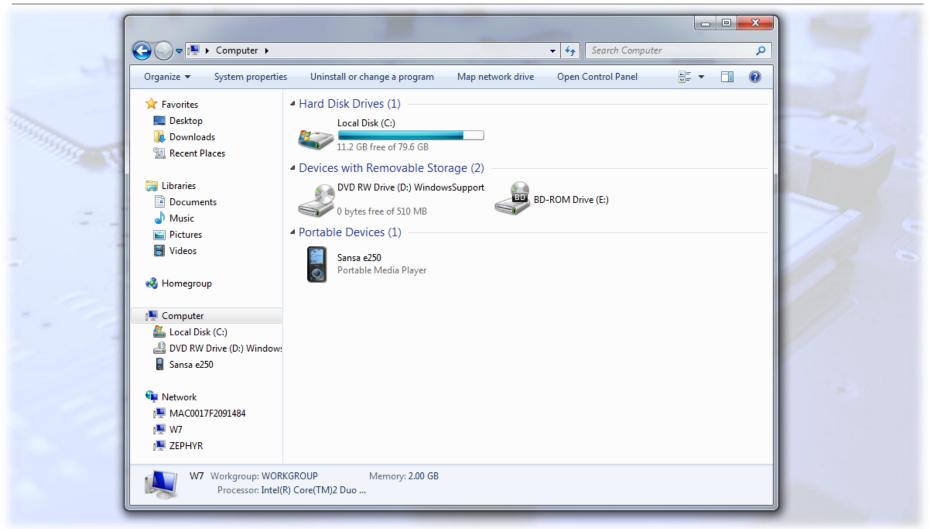
Taskbar Comparison



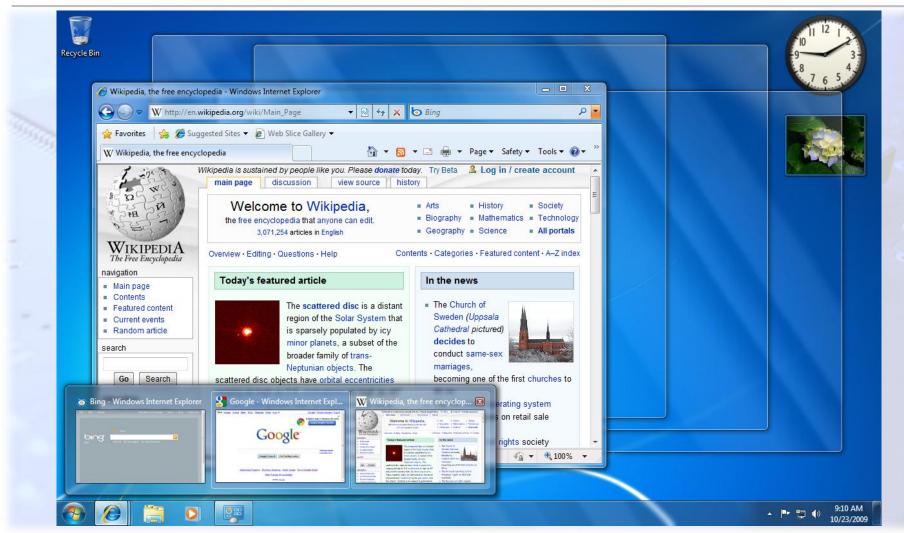
Desktop Slide Show



Revised Windows Explorer



Aero Peek



Some New Keyboard Shortcuts

Global keyboard shortcuts:

Win+Space Aero Peek (show desktop through open windows)

Win+Up and Win+Down Maximize and Restore/Minimize.

Win+Shift+Left and Win+Shift+Right move current window to left or right display

Win+ + (plus sign) and Win+ - (minus sign) zoom desktop in and out

Win+Home Aero Shake (minimize all except active window)

Win+P shows an "external display options" selector

Taskbar:

Shift + Click, or Middle click starts a new instance of the application

Ctrl + Shift + Click starts new instance with Administrator privileges (no UAC)

Shift + Right-click shows classic Window menu (Restore / Minimize / Move / etc);

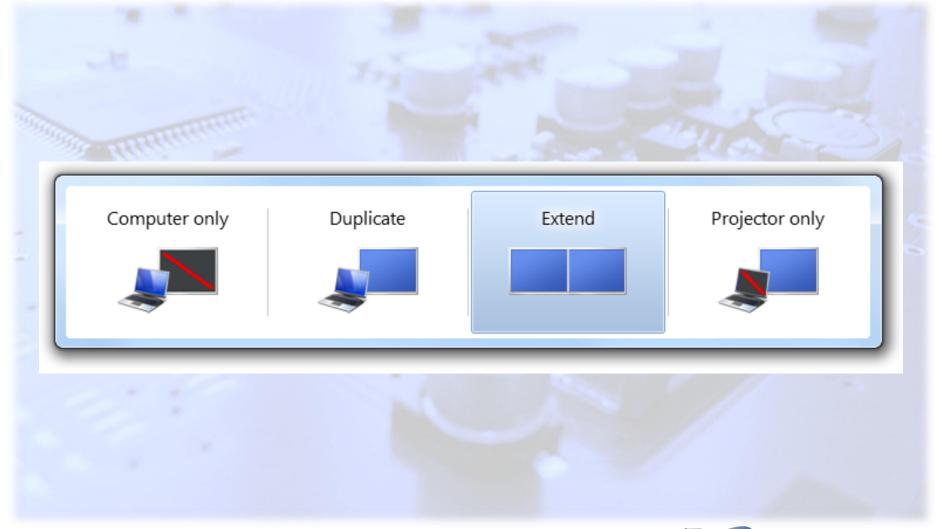
Ctrl + Click on a grouped icon cycles between the windows (or tabs) in the group.

Handy Cross-platform table of shortcuts:

http://en.wikipedia.org/wiki/Table_of_keyboard_shortcuts



External Display Options



Is Now the Time to Upgrade?

- Mainstream support for XP ended
 4/14/2009. Extended support ends
 4/8/2014.
- Evaluation Win 7 RC1 expires 6/1/2010 (2-hour shutdowns start 3/1/2010)
- Upgrade Option for Vista purchased from 6/26/2009 through 1/31/2010 from OEM
 - Vista Home Premium > 7 Home Premium
 - Vista Business > 7 Professional
 - Vista Ultimate > 7 Ultimate



Avoid Compatibility Problems

- DESKTOP hardware 5+ years old may not be supported "out of the box"
- LAPTOP hardware 1+ years old may not be supported "out of the box"
- Mini print-servers not always supported.
- End-of-life devices may not work.
- 32-bit drivers don't work on 64-bit Windows
- Check "Windows 7 Compatibility Center"
 http://www.microsoft.com/windows/compatibility/windows-7/en-us/default.aspx
- Use "Windows 7 Upgrade Advisor"



Hardware Considerations

| Minimum hardware requirements for Windows 7 | | | | | |
|---|--|-------------------------------|--|--|--|
| Architecture | 32-bit | 64-bit | | | |
| Processor | 1 GHz 32-bit processor | 1 GHz 64-bit processor | | | |
| Memory (RAM) | 1 GB of RAM | 2 GB of RAM | | | |
| Graphics Card | DirectX 9 graphics processor with WDDM driver model 1.0 (For Aero) | | | | |
| HDD free space | 16 GB of available disk space | 20 GB of available disk space | | | |
| Optical drive | DVD drive (only to install from DVD/CD Media) | | | | |

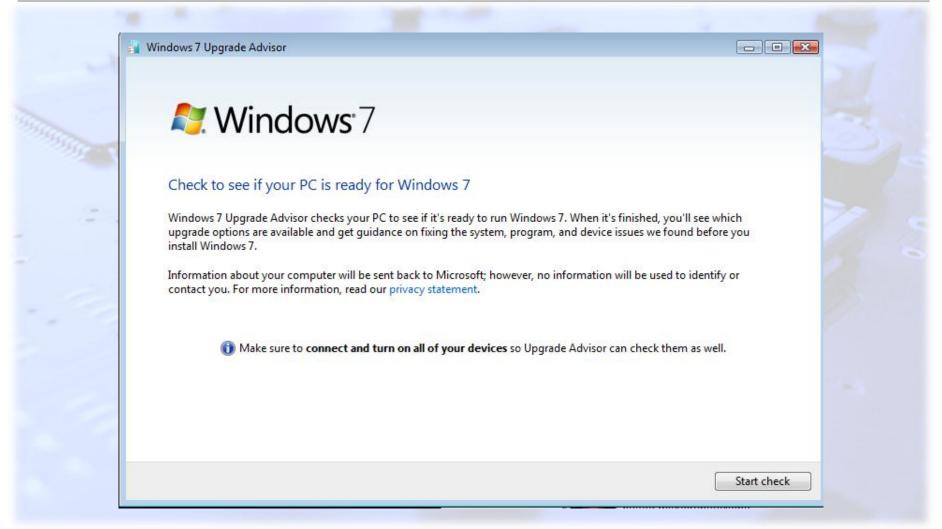
- * XP Mode needs +1GB RAM, +15GB HD, + Intel VT or AMD-V CPU
- TV Tuner needed to record/view TV in Windows Media Center



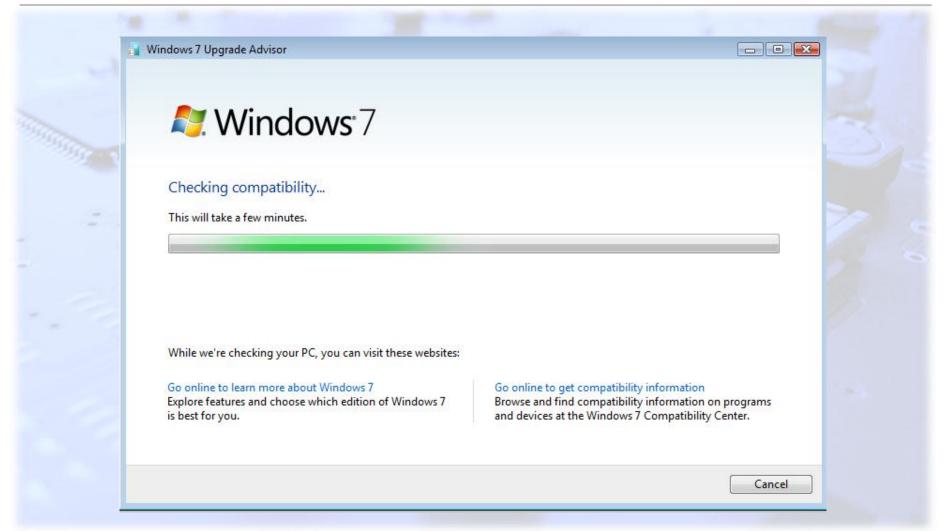
Windows 7 Upgrade Advisor

- Free from Microsoft
- Scans for potential issues with hardware, devices, installed apps and gives recommendations
- PC or Laptop running Vista will probably run Windows 7

Upgrade Advisor – Start Screen

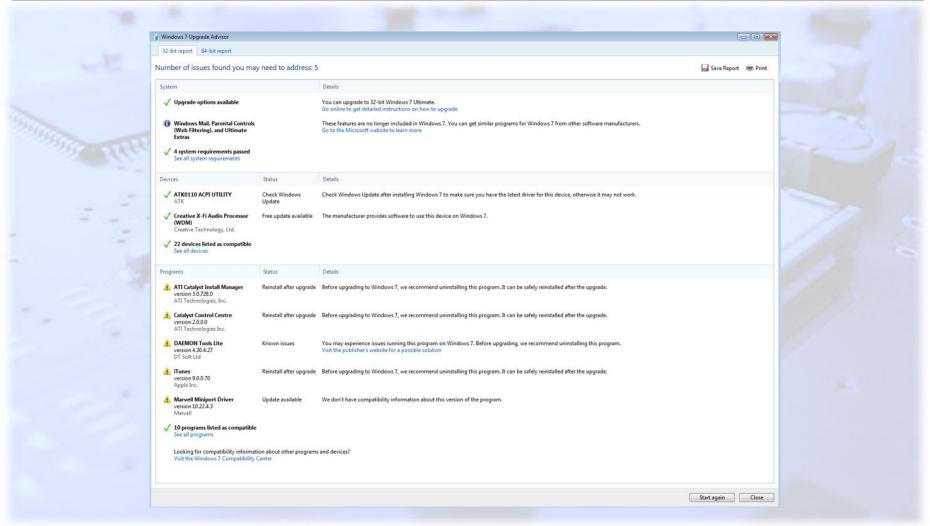


Upgrade Advisor – Scanning

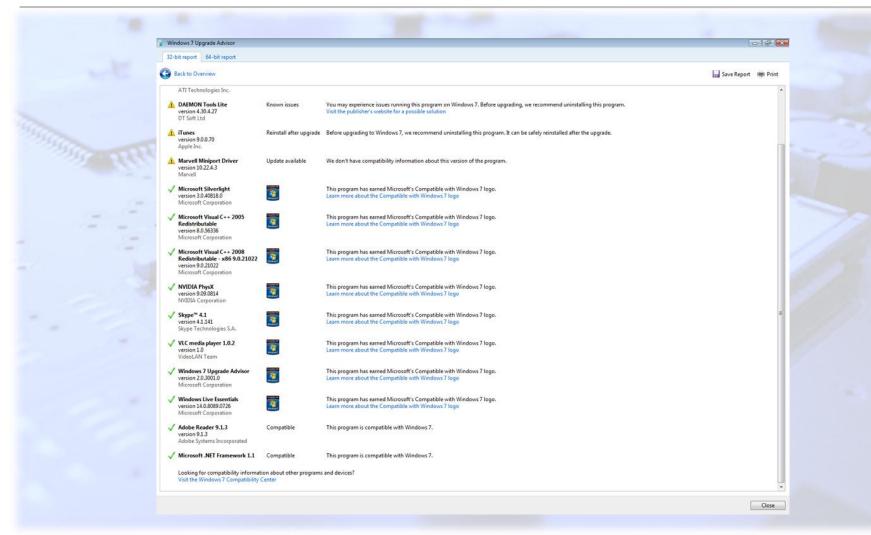




Upgrade Advisor – Scan Overview



Upgrade Advisor – Software Detail



Be Aware Of...

- Version number is 6.1 instead of 7 for 'major version' compatibility for drivers and applications.
- Obtain latest drivers from system vendor first, chip creator second. Example: Realtek AC'97 Audio
- Consider upgrading really old peripherals
- 64-bit is not 32-bit
- Win 7 RC1 requires clean install for "full version"

NOTE: Supposed work-around involves copying media to hard drive, editing a file, and running install from hard drive



Additional Upgrading Info

- Microsoft supports in-place Vista-to-7 Upgrade
- XP to 7 'Upgrade' versions possible by selecting 'custom' –
 will wipe drive! (http://windows.microsoft.com/en-US/windows7/help/upgrading-from-windows-xp-to-windows-7)
- Windows Easy Transfer (fka: FAST) doesn't move programs
- Windows Anytime Upgrade

| | Upgrade to | Upgrade to | Upgrade to |
|------------------------|--------------|--------------|------------|
| If you're running: | Home Premium | Professional | Ultimate |
| Windows 7 Starter | ✓ | ✓ | ✓ |
| Windows 7 Home Premium | | ✓ | ✓ |
| Windows 7 Professional | | | ✓ |



Windows Easy Transfer



Features Removed

- Classic Start Menu
- Windows Ultimate Extras
 - DreamScene replaced with 'Desktop Slideshow' but does not support video.
 DreamScene DLL can be registered in Win 7
 - BitLocker included in Win 7 Enterprise and Ultimate. 3rd party solution needed for other versions (e.g., TrueCrypt)



More Features Removed

- Some games Inkball, Hold'Em, and others.
- Photo Gallery, Movie Maker, Calendar,
 Mail All part of Windows Live
 Essentials now
- Microsoft Agent



Some Features Renamed

- "Windows Security Center" is now
 "Windows Action Center"
- "Backup And Restore Center" introduced in Vista. Replaces
 NTBackup. System Image Backups supported in all versions of Windows 7
- "Windows Easy Transfer" is new name for "File And Settings Transfer Wizard"



App Suggestions for New Systems

- Office Suites
 - Microsoft Office 2007
 - Open Office v3.1.1
- Printing
 - PrimoPDF v5.0.0.19
 - PDFCreator v0.9.8



More App Suggestions

- Protection
 - Avast! v4.8.1367
 - AVG Free Edition v9.0
 - Microsoft Security Essentials
 - Comodo Antivirus

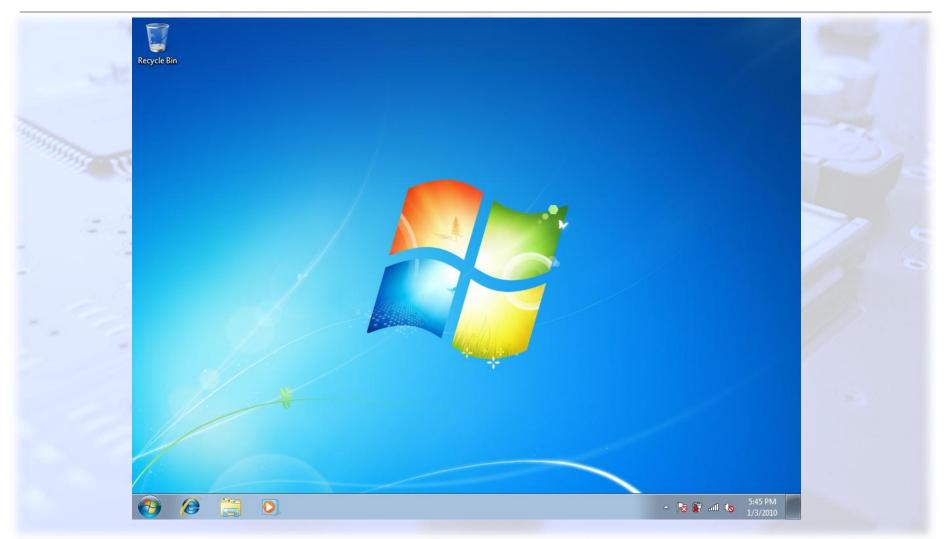


Useful Tools

- InfraRecorder v0.50
- TrueCrypt v6.3a
- Paint.NET v3.5.1
- TagScanner v5.1.555
- Notepad++ v5.6.4
- Recuva v1.34.460
- ISO Recorder v3.1



Let's Play With Windows 7



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