

# Microsoft Windows 7



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PCS Meeting, Prescott Public Library

# WHAT IS WINDOWS 7 ?

- Software from Microsoft
- Operating System (OS)
- Replacement for XP & Vista
- Provides an interface between computer hardware & User

# WHAT DOES IT DO ?

- Responsible for PC management & coordination
- Sharing computer resources
- Hosts computing applications
  
- Loads from Hard Disk into Memory
  - Between BIOS Splash Screen
  - and Windows Desktop display

# WHY WINDOWS 7 ?

1. Windows 3.1
2. Windows 95
3. Windows 98
4. Win NT
5. Win 2000  
5.1 XP
6. Vista
7. Windows 7  
( 6.1 ? )



# TIMELINE

Released to manufacturing (RTM)

- July 22, 2009

Retail availability

- October 22, 2009

Vista Release 11/2006

XP Release 10/2001

[www.microsoft.com/windows/windows-7](http://www.microsoft.com/windows/windows-7)

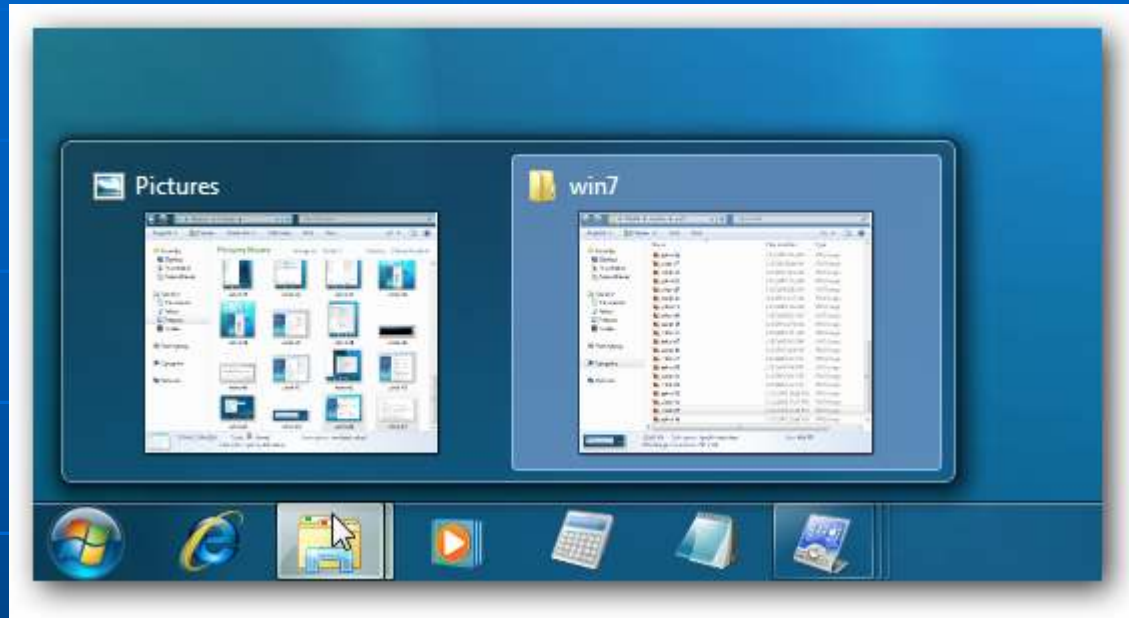
# NEW & IMPROVED FEATURES 1

- Multi-touch support
- Handwriting recognition
- Redesigned Windows Desktop with a new Taskbar
- Home networking system introduces "HomeGroup"

# NEW & IMPROVED FEATURES 2

- User Account Control (UAC)  
(nagging)
- Performance improvements
- Better compatibility
- Windows Media Player 12  
Plays iTunes AAC
- Fix Vista flaws  
Get XP Users to Upgrade

# TASKBAR



- Combined QuickLaunch & Running Programs
- Preview and Full Screen Preview
- Aero Peek - Right end of Taskbar
- Jump Lists - Recent files used

# DESKTOP

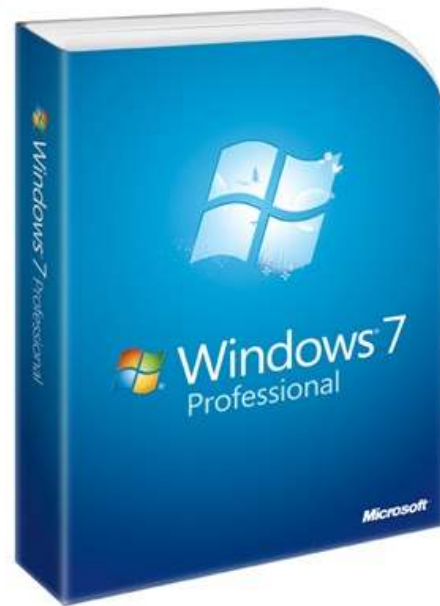
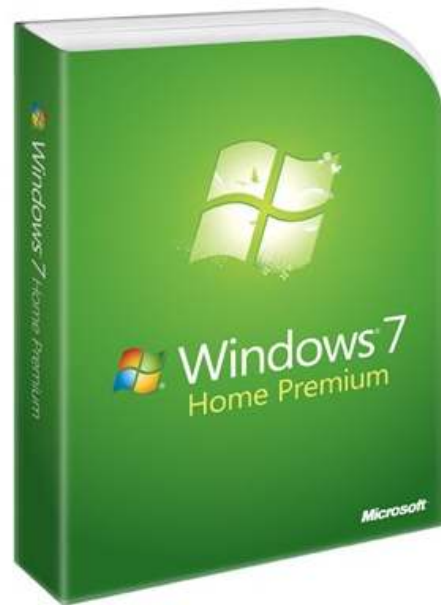
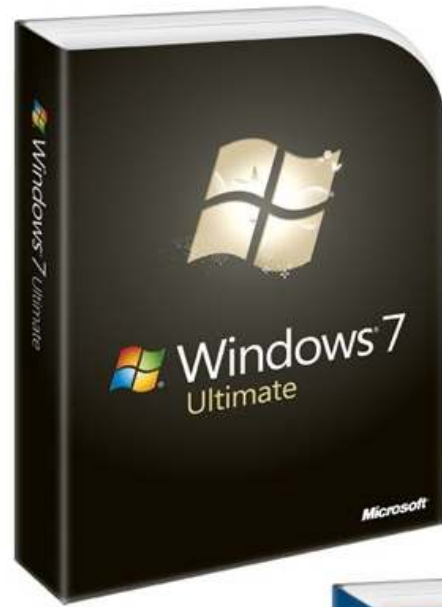
- Windows "Snap" to Top or Sides
- Windows "Shake" to highlight one window
- "Libraries" of similar files
- Resize windows/photos with multi-touch

# MISSING APPLICATIONS

- Windows Calendar
- Windows Mail
- Windows Movie Maker
- Windows Photo Gallery
- Address Book

Now in Windows Live Essentials suite  
( FREE! )

<http://download.live.com>



# WINDOWS 7 VERSIONS

- Windows 7 Starter
- Windows 7 Home Basic
- Windows 7 Home Premium \*
  
- Windows 7 Professional \*
- Windows 7 Enterprise
- Windows 7 Ultimate \*

# WINDOWS 7 STARTER

- Least-featured edition
- No Windows Aero theme
- No 64-bit variant
- Pre-installed on computers  
Netbooks

# WINDOWS 7 HOME BASIC

- Emerging 3rd world markets
- Some Aero options are excluded
- Several new features excluded

# WINDOWS 7 HOME PREMIUM

- Windows Media Center
- Windows Aero
- Touch-screen controls

# WINDOWS 7 PROFESSIONAL

- For Enthusiasts & small business users
- Home Premium plus:
- Participate in a Windows Server domain
- Remote Desktop server
- Location aware printing
- Encrypting File System
- Presentation Mode
- Windows XP Mode

# WINDOWS 7 ENTERPRISE

- Volume licensing with Software Assurance contract with Microsoft
- Multilingual User Interface (MUI) packages
- BitLocker Drive Encryption
- UNIX application support
- Multiple virtual machines
- Activation via Volume License Keys (VLK)

# WINDOWS 7 ULTIMATE

- Enterprise plus:
- Available to home users
- Upgrade from Home Premium & Professional -> Windows Anytime Upgrade
- No Windows Ultimate Extras

# COST

- Windows® 7 Home Premium Upgrade  
\$114.99
- Windows® 7 Professional Upgrade  
\$189.99
- Windows® 7 Ultimate Upgrade  
\$209.99
  
- Windows® 7 Home Premium  
\$194.99

\*Costco - 10/10/2009

# WINDOWS 7 FAMILY PACK

- Install Windows 7 Home Premium on three PCs for \$150

# SOFTWARE NOTES

- PerfectDisk10 is the world's first and only disk defragmenter certified by Microsoft for Windows 7
- Anti-Virus  
Several companies already have AV for Win7 including Grisoft AVG Free
- Peripheral Drivers  
Check the Manufacturer's website

# MINIMUM HARDWARE REQUIREMENTS

- 1 GHz 32-bit processor
- 1 GB RAM
- DirectX 9 graphics processor w/ WDDM driver model 1.0 (For Aero Interface)
- 16 GB of available disk space
- Optical drive DVD drive (installation)

For 64-bit version:

- 64-bit processor, 2 GB RAM, 20 GB HDD

# UPGRADING FROM VISTA

- Nearly all VISTA systems can upgrade
- Supported by Microsoft
- Must be "like" version or better  
Premium to Premium, etc.
- ~45 minutes to install
- Files, Settings and Programs in-place
- Upgrading does not deactivate the  
Product Key

# UPGRADING FROM XP

- Windows 7 Upgrade Advisor

[www.microsoft.com/windows/windows-7/get/upgrade-advisor.aspx](http://www.microsoft.com/windows/windows-7/get/upgrade-advisor.aspx)

- Buy full version ~ \$200

- Backup data

- Clean install + Updates

- Install programs + Patches

- Restore data

OR !

# NEW PC PURCHASE

- Dell Vostro 420 Tower  
[www.dell.com/business/desktops](http://www.dell.com/business/desktops)
- FREE Genuine Windows Vista® Business Bonus w/ XP Professional downgrade Installed a \$99 value
- Upgrade to Windows 7, Microsoft's latest operating system, complete your order here and visit.  
[www.dell.com/windows7smb](http://www.dell.com/windows7smb)
- Offer not available with Vista Home Basic
- Get the fastest CPU you can afford  
[www.cpubenchmark.net/common\\_cpus.html](http://www.cpubenchmark.net/common_cpus.html)

# CONCLUSION

## Microsoft Windows 7

- A desirable for frustrated Vista Users
- XP Users, time to buy your new PC
  - \* XP plus Vista plus 7 in one PC \*
- Wait for the initial bugs to be fixed

October 22, 2009 !!

# SUMMARY - FINAL Q & A

For More Information:  
Prescott Computer Society (PCS)  
[www.pcs4me.com](http://www.pcs4me.com)

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