“Certified for Windows Vista” Devices

Easier to use, better performing, more secure

Below is a table of required Product Specifications and related End-User benefits for “Certified for Windows Vista” devices.

For the latest information, see:
 <http://www.microsoft.com/whdc/winlogo/WLP30program.mspx>

| **Device Scenario** | **Device**  | **Product Specifications / Features** | **End-User Benefits** |
| --- | --- | --- | --- |
| **Digital Imaging** | **Digital Still Cameras** | * Fully implemented Media Transfer Protocol (MTP) allows for fast image acquisition and reliable transfers, especially for large files
* Cameras connect out-of-the box without the need for extra software
* All audio and video files are compatible with Windows Vista for seamless playback
 | * Instant transfer of photos, video and audio to any Windows Vista® PC
* Faster access to hundreds or even thousands of photos on your camera
* Seamless video slideshows using Windows Photo Gallery
 |
|  | **Printers** | * Meets Windows Color System standards for consistent and accurate color across multiple mediums

XPS Printing Requirements:* Advanced graphics like transparent effects and gradients print with high dynamic range
* The Windows Vista advanced print pipeline enabled by XPS does not require file conversion allowing faster printing and higher color fidelity
 | * Consistent color fidelity and accuracy
* Color calibrated with Certified for Windows Vista monitors for great color prints every time
 |
|  | **Monitors & Displays** | * Meets Windows Color System standards for consistent and accurate color across multiple mediums
* Digital connectors (DVI) are required on stand-alone displays for the best quality video
 | * Accurate and vibrant colors for slideshows, games and graphics
* Color calibrated with Certified for Windows Vista monitors for great color prints every time
 |
|  | **Digital Picture Frames** | * Includes Windows Connect Now technology for simplified and security enhanced wireless connectivity
* Passes color fidelity requirements in the Windows Color System
* Wired or wireless connection to your PC
 | * Vibrant and accurate color display
* Display photos in the Windows Photo Gallery using your wireless network
 |
| **Digital Video Cameras** | * Transfer videos without additional software from directly in Windows Movie Maker
* Supports regular and Hi-Def video streaming to Window Vista
 | * Easy and reliable transfer of regular and Hi-Def video to your PC
* Transfer video, use powerful editing tools and make DVD’s and web clips right from within Windows Movie Maker
 |
| **Music** | **MP3 Players (Digital Audio Devices)** | * Music, photo and video transfer and sync with Windows Media® Player 11
* Passes all PlaysforSure 2.0 requirements for compatibility, “driverless” installation and reliability
* Integration with Digital Media Mall partners
 | * Easily sync and transfer your music and video files using Windows Media Player 11
* Seamless transfer of music and books from the online store of your choice from partners like MTV URGE
 |
| **Gaming** | **Graphics Cards** | * Meets requirements for the Windows® Aero™ user experience, 3D graphics and enhanced gaming
* Software drivers are based on the new Windows Display Driver Model (WDDM) for improved stability, reliability and functionality
* Software driver updates available from Windows Update
 | * Elegant Windows Aero user experience and accompanying features like Windows Flip and Windows Flip 3D
* Smooth transitions and 3D graphics for stunning and highly visual entertainment experiences
 |
| **TV & Movies** | **TV Tuners** | * Integrates with Windows Media Center features
* Meets requirements for system awake and device driver reliability
 | * Integration with all TV and movie features in Windows Media Center (restrictions may apply outside of the United States)
* Record schedule TV programs regardless of the PC’s power state
 |
| **Remote Controls** | * Controls include one-button access to music, photos, videos and TV in Windows Media Center
 | * Seamless access to music, photos, videos, and TV from within Windows Media Center
 |
| **Wireless Projectors** |  | * Project without wires simply and reliably with the Connect to a Network Projector feature in Windows Vista
 |
| **Communications & Productivity** | **Webcams** | * Supports Windows streaming video protocols
 | * Reliable, smooth steaming video experiences
 |
| **Keyboards**  | * Includes keys mapped to Windows Vista features
* Includes play, pause and volume control for media applications
 | * Special keys launch unique features like Windows Flip 3D
* Direct access to media player controls like volume and play
 |
| **Mice** | * Optical, laser or other non-mechanical means of tracking for improved accuracy
 | * Accurate pointing and integrated scrolling make navigating your PC faster and more precise
 |
|  | **USB Transfer Cables** | * Cables are tested for compatibility and reliability with the Windows Easy Transfer feature
* Can operate on USB 1.1 and USB 2.0 or later
* Powered by USB - no external power needed
* Cable is a minimum of 8 feet in length
 | * Quick and simple transfer of files, settings and e-mails between PC’s using the Windows Easy Transfer Feature
* Transfer files from Windows XP to Windows Vista over a USB connection
 |
| **Networking** | **Wireless Routers**  | Certified for Windows Vista Supports media streaming over 5 GHz channels, enabling fast transmission speeds with minimal interference from other networks Certified for Windows Vista & Works with Windows Vista* Supports Wi-Fi Protected Setup/Windows Connect Now v2.0 for simple, security-enhanced wireless network set-up
* Supports Windows Vista LLTD (Link Layer Topology Discovery) Protocol enabling users to discover and manage their devices from Windows Vista’s Network Explorer and Map
* Quality of Service (QoS) capabilities ensure prioritized delivery of voice and video data
* Meets all requirements for Xbox Live! gaming service, ensuring reliable online connectivity and robust handling of streaming media
 | Certified for Windows Vista * Fast and reliable wireless connectivity for demanding applications like high-definition audio and video streaming and online gaming

Certified for Windows Vista & Works with Windows Vista* Simplified, security-enhanced wireless network setup
* Fast and reliable internet connections for multiple PCs and devices
* Manage router settings and troubleshoot internet connection problems from the Network and Sharing Center in Windows Vista
* Experience high quality VoIP and video, regardless of other network traffic
* Supports Xbox Live! for fast, reliable online gaming and movie downloads
 |
| **Storage** | **Flash Drives** | * Fast read and write capabilities
* Optimized for Windows ReadyBoost™ technology
 | * Fast data transfers and improved longevity
* Can be used as extra memory by Windows ReadyBoost for improved PC performance.
 |

Disclaimer: This is a preliminary document and may be changed substantially prior to final commercial release of the software described herein.

The information contained in this document represents the current view of Microsoft Corporation on the issues discussed as of the date of publication. Because Microsoft must respond to changing market conditions, it should not be interpreted to be a commitment on the part of Microsoft, and Microsoft cannot guarantee the accuracy of any information presented after the date of publication.

This White Paper is for informational purposes only. MICROSOFT MAKES NO WARRANTIES, EXPRESS, IMPLIED OR STATUTORY, AS TO THE INFORMATION IN THIS DOCUMENT.

Complying with all applicable copyright laws is the responsibility of the user. Without limiting the rights under copyright, no part of this document may be reproduced, stored in or introduced into a retrieval system, or transmitted in any form or by any means (electronic, mechanical, photocopying, recording, or otherwise), or for any purpose, without the express written permission of Microsoft Corporation.

Microsoft may have patents, patent applications, trademarks, copyrights, or other intellectual property rights covering subject matter in this document. Except as expressly provided in any written license agreement from Microsoft, the furnishing of this document does not give you any license to these patents, trademarks, copyrights, or other intellectual property.

Unless otherwise noted, the example companies, organizations, products, domain names, e-mail addresses, logos, people, places and events depicted herein are fictitious, and no association with any real company, organization, product, domain name, email address, logo, person, place or event is intended or should be inferred.

© 2007 Microsoft Corporation. All rights reserved.

Microsoft, Windows, Windows NT, Windows Server, and Windows Vista are either registered trademarks or trademarks of Microsoft Corporation in the United States and/or other countries.

The names of actual companies and products mentioned herein may be the trademarks of their respective owners.

Document History

| **Date** | **Change** |  |  |  |
| --- | --- | --- | --- | --- |
| November 2, 2007 | First publication |