

# ELECTRONIC | ART

## Windows Embedded Operating System

At Electronic Art we often use a scaled down version of Windows for retail kiosk and digital signage devices as an alternative to Linux devices (*that we also provide when appropriate*). The Windows Embedded OS provides greater access to device drivers that may be required for devices such as touch screens, bill acceptors/dispensers, bio-metric readers, etc. than you can often find in the Linux world that often makes this the best choice.

The scaled down Windows operating system is known as POSReady (formerly WEPOS or WinXPe) and is a very small installation that has no consumer oriented applications but instead is licensed only for retail and similar business use. Consumer office programs may not be installed and it is not intended for individual desktop use. See the provided details that outline the differences in the new and older versions and visit Microsoft's web site for full details at: <http://www.microsoft.com/windowseembedded>



For more details, contact Electronic Art at: 513-321-1771 or [www.ElectronicArt.com](http://www.ElectronicArt.com)

**POSReady 2009 v WEPOS 1.1 SP3**

Category	POSReady 2009	WEPOS 1.1 SP3
<b>Footprint</b>	Minimum RAM: 64 MB Minimum Install Hard-disk space: 512 MB	Minimum RAM: 64 MB Minimum Hard-disk space: 650MB for core image plus SP3 files
<b>Processor</b>	x86	x86
<b>Win32 Applications</b>	Full Win32 compatibility	Full Win32 compatibility
<b>Support life cycle (10 years)</b>	Mainstream support until April 2014. Extended support until April 2019.	Mainstream support ends April 2011. Extended support ends April 2016.
<b>Add/Remove Windows Components after deployment</b>	Yes	No
<b>Multilingual User Interface support</b>	32 languages	32 languages in MUI pack CD set in WEPOS 1.1 Update Only 7 languages were supported in WEPOS 1.0, 1.1
<b>Language Collection support</b>	Yes	No
<b>Localization</b>	Full	Partial (Start Menu, Control Panel options, etc). There is a QFE, but does not support full localization.
<b>Japanese Font Set</b>	Yes	QFE
<b>File-Based Write Filter</b>	Yes	Available to OEMs –Supplement
<b>USB Boot</b>	Yes	Available to OEMs - Supplement
<b>Install to USB</b>	Yes	No
<b>Install from USB</b>	Yes	No
<b>On-screen Keyboard for Login</b>	Yes	No
<b>Office Viewers support – Word, Excel, Powerpoint</b>	Yes	No
<b>Microsoft Silverlight 2.0 Support</b>	Yes	No
<b>.NET Framework 3.5 Support</b>	Yes	No,.NET 2.0 supported
<b>Windows Media Player version</b>	11	9; version 11 is available
<b>Windows XP SP3 Updates including security, driver and feature updates</b>	Yes, supports features of SP3	Yes, updates only the features already in WEPOS
<b>Security Templates</b>	Yes	No
<b>Flagging Unsigned Drivers</b>	Yes	No
<b>Serial Keys</b>	Yes	No
<b>OpenGL</b>	Yes	No
<b>Sysprep</b>	Yes	QFE
<b>IIS FTP</b>	Yes	QFE
<b>Remote Assistance</b>	Yes	QFE
<b>Help Engine</b>	Yes	QFE
<b>DirectX</b>	Yes	QFE for Direct Sound
<b>Encrypting File System</b>	Yes	QFE
<b>Disk Dump</b>	Yes	QFE
<b>Automatic Recovery screen on bootup</b>	Yes	No
<b>MS Config Support Utility</b>	Yes	No
<b>MS Info – System Information</b>	Yes	No
<b>XPS support, if .NET 3.5 installed</b>	Yes	No
<b>Updating Root Certificates</b>	Yes	No
<b>Network Access Protection (NAP)</b>	Yes	No
<b>Microsoft Cryptographic Module support for SHA2 hashing algorithms in X.509 certificate validation</b>	Yes	No
<b>POS for .NET version supported</b>	1.12	1.12