

# Product IDs

## From Lunarsoft Wiki

Microsoft uses various Product IDs to identify variants of the Windows platform. A Windows product ID (currently, as of XP/2003/Vista) has the following format: `xxxxx-yyy-zzzzzz-zzzzzz`



If you are going to do a repair install or use someone else's CD with your product key, it is important that you understand the information on this page, especially with regards to matching your current product ID with the one on the CD you are going to use.



Starting with Vista, all product SKUs are on one disc. There is no need to worry about OEM/Retail/Upgrade issues when working with Vista. You only have to worry about your platform (currently, whether you are working with 32-bit or 64-bit platforms) since each platform is on its own disc.

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## 'xxxxx' -- the Microsoft Product Code

The xxxxx section is the Microsoft Product Code, which in this case describes the platform, build, and version of Windows. Other product IDs with the same format, such as those found in Microsoft Office (and many other Microsoft products), serve the same purpose.

## 'yyy' -- the Channel ID

This section of the PID describes the channel (OEM, Volume License, Retail, bundle/Not For Resale) a given XP CD/system has come from.

- 000 : Other (includes some retail, upgrade and evaluation versions) (includes (some?) MSDNAA discs)
- 006 : MS or Partner promotions
- 007 : FIXME : Retail
- 009 : Not for resale - bundle
- 011 : Upgrade (XP Home?)
- 013 : Upgrade (XP Pro)
- 071 : FIXME : Unknown.
- 083 : Windows Genuine Advantage
- OEM : OEM (This does not specify royalty or normal OEM)
- 270 : Volume License
- 296 : MSDN
- 308/347 : Microsoft Action Pack subscription
- 335 : Retail
- 640 through 652 : Volume License (usually generated via 270 CID in setupp.ini)

- 699 : Volume Windows XP Tablet Edition
- 770 : Retail (at least according to WGA Diagnostic (<http://go.microsoft.com/fwlink/?linkid=52012>) )

NOTE: According to DjLizard.net visitor *Catalyst*, newer discs now check to see if the CD's volume label matches the type of CD you have. So if you make a CD with the wrong volume label, then it still won't work. I haven't been able to confirm this because most of my CDs have a custom label and all of them work fine thus far. Visit TACKtech (<http://www.tacktech.com/display.cfm?ttid=342>) to see a list of volume labels.

## MPC list - English locale

- 55274 : XP Pro generic OEM
- 55276 : XP Pro (upgrade)
- 55276 : XP Home (?) †
- 55277 : XP Home generic OEM
- 55285 : XP Pro †
- 55661 : XP Pro (retail)
- 76475 : XP Home (upgrade) (?)
- 76477 : XP Home Royalty OEM ‡
- 76481 : XP Pro Dell OEM
- 76487 : XP Media Center Edition 2005
- 76487 : XP Pro Royalty OEM ‡
- 76487 : XP Pro SP2 (retail)
- 76487 : XP Pro SP3 (OEM)
- 76487 : XP Pro volume license (with '640' channel ID)
- 76500 : XP MCE 2005 (which is XP Pro with no domain capability)
- 76588 : XP Pro x64 OEM

## MPC list - other languages

- 55372 : XP Home - German (OEM)
- 55375 : XP Pro - German (VLK)
- 55639 : XP Pro - French (OEM)
- 55677 : XP Home - Dutch
- 55679 : XP Pro - Dutch
- 55712 : XP Pro - French (retail ?)
- 76381 : XP Home - Danish
- 76392 : XP Pro - Danish
- 76396 : XP Pro (also Home?) - Dutch
- 76412 : XP Home - French (OEM)
- 76413 : XP Pro - French (OEM)
- 76434 : XP Home - Italian (Royalty OEM)
- 76440 : XP Pro - Norwegian (retail)
- 76447 : XP Pro - Polish
- 76460 : XP Home - Spanish (Royalty OEM) ‡
- 76470 : XP Home - Traditional Chinese (Royalty OEM) ‡
- 76497 : XP Pro - German (OEM)

Notes:

- ‡ : Royalty OEM (Original Equipment Manufacturer) means manufacturers that are special to Microsoft's endearing heart. They get their own private key and generated product keys that typically don't require activation (or are different than the product key on the COA sticker affixed to the computer). Certain big OEMs [Dell, Gateway, HP, Compaq, and more] are Royalty OEMs, and the little guys (your local mom + pop store) are obviously not. The mom and pop stores get 55277 for Home and 55285 for Pro. Typically, generic OEM discs (such as 55277 and 55274) will work on

these systems, but activation will often fail -- you will have to call Microsoft's activation hotline and speak to a representative in order to activate Windows. This usually only takes a few minutes.

## Windows XP complete list - English locale

<b>Edition</b>	<b>Volume Label</b>	<b>File Date (DD-MM-YY)</b>	<b>MPC</b>	<b>CID</b>
Windows XP Combo Home/Pro	WXPHFPP_EN	23-08-01 1:00		
Windows XP Home Retail	WXHFPP_EN	23-08-01 8:00	55277	000
Windows XP Home Retail SP1	XRMHFPP_EN	29-08-02 8:00	55277	000
Windows XP Home Retail SP1a	X1AHFPP_EN	31-03-03 8:00	55277	000
Windows XP Home Retail SP2	VRMHFPP_EN	4-08-04 8:00	55277	000
Windows XP Home Upgrade	WXHCCP_EN	23-08-01 8:00	55285	000
Windows XP Home Upgrade SP1	XRMHCCP_EN	29-08-02 8:00	55285	000
Windows XP Home Upgrade SP1a	X1AHCCP_EN	31-03-03 8:00	55285	000
Windows XP Home Upgrade SP2	VRMHCCP_EN	4-08-04 8:00	55285	000
Windows XP Home OEM	WXHOEM_EN	23-08-01 8:00	55277	OEM
Windows XP Home OEM SP1	XRMHOEM_EN	29-08-02 8:00	55277	OEM
Windows XP Home OEM SP1a	X1AHOEM_EN	31-03-03 8:00	55277	OEM
Windows XP Home OEM SP2	VRMHOEM_EN	4-08-04 8:00	55277	OEM
Windows XP Home OEM SP2	VRMHOEM_EN	4-08-04 12:00	76477	OEM
Windows XP Home Volume	WXHVOL_EN	23-08-01 8:00	55274	270
Windows XP Home Volume SP1	XRMHVOL_EN	29-08-02 8:00	55274	270
Windows XP Home Volume SP1a	X1AHVOL_EN	31-03-03 8:00	55274	270
Windows XP Home Volume SP2	VRMHVOL_EN	4-08-04 8:00	55274	270
Windows XP Home (SP2) DELL System Install	XP2_PER_ENG			
Windows XP Pro (SP2) DELL System Install	XP2_PRO_ENG			
Windows XP Pro Retail	WXPFPFPP_EN	23-08-01 8:00	55274	000
Windows XP Pro Retail SP1	XRMFPFPP_EN	29-08-02 8:00	55274	000
Windows XP Pro Retail SP1a	X1APFPFPP_EN	31-03-03 8:00	55274	000
Windows XP Pro Retail SP2	VRMPFPFPP_EN	4-08-04 8:00	55274	000
Windows XP Pro Retail SP2	VX2PFPFPP_EN	28-02-2006 5:00AM	76487	000
Windows XP Pro Upgrade	WXPCCP_EN	23-08-01 8:00	55276	000
Windows XP Pro Upgrade SP1	XRMPCCP_EN	29-08-02 8:00	55276	000
Windows XP Pro Upgrade SP1a	X1APCCP_EN	31-03-03 8:00	55276	000
Windows XP Pro Academic Upgrade SP1	X1APCCP_EN	31-03-03 23:00	55276	000
Windows XP Pro Upgrade SP2	VRMPCCP_EN	4-08-04 8:00	55276	000
Windows XP Pro Academic Upgrade SP2	VRMPCCP_EN	4-08-04 23:00	76488	000
Windows XP Pro OEM	WXPOEM_EN	23-08-01 8:00	55274	OEM
Windows XP Pro OEM SP1	XRMPOEM_EN	29-08-02 8:00	55274	OEM
Windows XP Pro OEM SP1a	X1APOEM_EN	31-03-03 8:00	55274	OEM

Windows XP Pro OEM SP2	VRMPOEM_EN	4-08-04 8:00	55274	OEM
Windows XP Pro OEM SP3	GRTMPOEM_EN	4-14-08 5:00	76487	OEM
Windows XP Pro Volume	WXPVOL_EN	23-08-01 8:00	55274	270
Windows XP Pro Volume SP1	XRMPVOL_EN	29-08-02 8:00	55274	270
Windows XP Pro Volume SP1a	X1APVOL_EN	31-03-03 8:00	55274	270
Windows XP Pro Volume SP2	VRMPVOL_EN	4-08-04 8:00	55274	270
Windows XP Pro Tablet PC SP1 Disc 1	XRMPFPP_EN	29-08-02 8:00	55274	000
Windows XP Pro Tablet PC SP1a Disc 1	X1APFPP_EN	31-03-03 8:00	55274	000
Windows XP Pro Tablet PC SP2 Disc 1	VRMPFPP_EN	4-08-04 8:00	55274	000
Windows XP Pro MSDN	WXPFPFPP_EN	23-08-01 8:00	55274	000
Windows XP Pro MSDN SP1	XRMPFPFPP_EN	29-08-02 8:00	55274	000
Windows XP Pro MSDN SP1a	X1APFPFPP_EN	31-03-03 8:00	55274	000
Windows XP Pro MSDN SP2	VRMPFPFPP_EN	4-08-04 8:00	55274	000
Windows XP Pro Evaluation	WXPEVL_EN			

Note: these Channel IDs (CIDs) were taken from i386\SETUPP.INI. Windows Setup may generate a completely different Product ID than you see here; this is solely based on your product key.

## Server 2003 MPC list - English locale

- 69712 : Standard Edition 32-bit retail
- 69712 : Standard Edition 32-bit volume licensing
- 69712 : Standard Edition 32-bit OEM
- 69763 : Standard Edition 32-bit evaluation
- 69753 : Web Edition 32-bit retail
- 69753 : Web Edition 32-bit volume licensing
- 69753 : Web Edition 32-bit OEM
- 69763 : Web Edition 32-bit evaluation
- 69713 : Enterprise Edition 32-bit retail
- 69713 : Enterprise Edition 32-bit volume licensing
- 69713 : Enterprise Edition 32-bit OEM
- 69763 : Enterprise Edition 32-bit evaluation
- 69713 : Enterprise Edition 32-bit checked build
- 69754 : Datacenter Edition 32-bit retail
- 69754 : Datacenter Edition 32-bit OEM
- 69770 : Enterprise Edition 64-bit retail
- 69770 : Enterprise Edition 64-bit volume licensing
- 69770 : Enterprise Edition 64-bit OEM
- 69763 : Enterprise Edition 64-bit evaluation
- 69770 : Enterprise Edition 64-bit checked build
- 69769 : Datacenter Edition 64-bit retail
- 69769 : Datacenter Edition 64-bit OEM
- 74995 : Small business server
- 76868 : Unknown Enterprise Edition 64-bit (FIXME)

## Server 2003 MPC list - other languages

- 75015 : SBS 32-bit - German

## Notes

If you have to perform a "repair install" (Microsoft calls this an "in-place upgrade", and DjLizard interchangeably calls it an "overlay" or "repair install") then you MUST know these two things:

1. The MPC of your destination computer, and
2. the MPC of all of your Windows OEM CDs.

If you don't, then you will not be able to activate Windows properly, or in some cases, get the installation to accept your product key.

The MPC of your CDs can be determined by editing the SETUPP.INI in the i386 directory on your disc. You can (in some cases) simply edit this file, change the PID, and recompile the CD to be able to use whatever key you happen to need.

## Retrieving your product ID or MPC

The current MPC for a system can be retrieved by various methods:

- If the destination computer's operating system works well enough [even in safe mode], you can get it by right-clicking My Computer, clicking Properties, and reading the long ID number that appears under 'Registered to'.
- You can use the command `reg query "hk\m\software\microsoft\windows nt\currentversion" /v ProductID` at a command prompt (Start > Run > cmd.exe).
- If the destination computer does not work very well, you can get the ID by attaching the hard drive to a working machine and mounting the appropriate registry hive. Highlight HKEY\_LOCAL\_MACHINE in your local regedit and choose File > Load Hive. Then browse to X:\Windows\System32\config\SOFTWARE (where X:\Windows is the drive letter and path to the Windows installation in question). It will ask you what key to mount; you then give it any name you like, and it will appear under your own HKEY\_LOCAL\_MACHINE. Drill-down through Microsoft\Windows NT\CurrentVersion in this new key. You will see ProductID on the right.  
**Do not forget to highlight the top key of the mounted hive, and choose File > Unload Hive when you are done.**
- Finally, you can sometimes find the ID you need if you check for the presence of either X:\i386\setupp.ini (where X: is the system's drive letter) or X:\Windows\i386\setupp.ini (where X:\Windows is the drive letter and path to the Windows installation folder in question).

Once you have the destination ID, it's as simple as inserting your CD that uses the same ID.

## Bad Product IDs

As of 2005/10/22, Microsoft states that the following are invalid PIDs:

- XXXXX-640-0000356-23XXX
- XXXXX-640-2001765-23XXX

The above two product IDs are known as "Devil's Own", and usually have a product key starting with "FCKGW".

- XXXXX-640-643718X-23XXX
- XXXXX-641-309376X-23XXX
- XXXXX-642-064580X-23XXX
- XXXXX-642-464364X-23XXX
- XXXXX-643-334701X-23XXX
- XXXXX-644-081772X-23XXX
- XXXXX-644-451265X-23XXX
- XXXXX-644-874896X-23XXX
- XXXXX-644-933704X-23XXX
- XXXXX-644-962396X-23XXX

- XXXXX-645-833254X-23XXX
- XXXXX-645-994962X-23XXX
- XXXXX-646-031843X-23XXX
- XXXXX-646-104081X-23XXX
- XXXXX-646-105103X-23XXX
- XXXXX-647-318838X-23XXX
- XXXXX-647-592029X-23XXX
- XXXXX-647-677834X-23XXX
- XXXXX-648-301691X-23XXX
- XXXXX-648-819992X-23XXX
- XXXXX-649-106765X-23XXX
- XXXXX-649-941392X-23XXX
- XXXXX-650-292312X-23XXX

These PIDs are detected when you attempt to install SP1, 2 or 3.

## See also

- Microsoft KB 328874 (<http://support.microsoft.com/?kbid=328874>) - how to change your product key
- Microsoft KB 326904 (<http://support.microsoft.com/?kbid=326904>) - invalid product IDs
- TACKtech TTID 342 (<http://www.tacktech.com/display.cfm?ttid=342>) - known Service Pack 2 volume labels
- Petri.co.il - Force OEM to upgrade ([http://www.petri.co.il/use\\_oem\\_version\\_to\\_upgrade\\_xp.htm](http://www.petri.co.il/use_oem_version_to_upgrade_xp.htm))
- Windows Product Key Update Tool (<http://www.microsoft.com/genuine/selfhelp/XPPkuinst.aspx?displaylang=en&sGuid=2d70a048-55c7-40be-8ab0-a4974651d286&js=false>) - Change your product key regardless of installed XP type (e.g. update VLK installation to use OEM key)

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