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Windows 98 Through Windows 7 Defaults 76.5KB

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1. Introduction

Mature versions of Windows can be obtained at various Service Pack levels. Windows without a Service Pack is known as Windows Original Release. Windows with Service Pack X is known as Windows Includes Service Pack X.

Note: Microsoft does not always label its products Original Release, but always labels its products Includes Service Pack X. Therefore, if a Microsoft product is not labeled Includes Service Pack X, it is, by default, the Original Release.

The Service Pack provided on a Windows Includes Service Pack X product CD/DVD is not a separate file to be installed after installing Windows. Rather, the Service Pack files are built into and, therefore, are installed simultaneously with the Windows installation files.

To avoid installing Service Packs, typical Windows users should obtain Windows with the latest possible Service Pack. For users with particular needs, however, such as developers testing the compatibility of their products against various versions and editions of Windows and/or its subcomponents, it might make sense to obtain various versions and editions of Windows at various Service Pack levels. This page lists the used hard disk space, Internet Explorer version, Outlook Express/Windows Mail version, Windows Media Player version, DirectX version, and Display defaults for a clean installation of various editions of Windows 98 through Windows 7 at various Service Pack levels.

Note: For Windows 95 through Windows 7 system requirements see [Windows 95 Through Windows 7 System Requirements \(stevestechresource.com\)](#).

1.1. Abbreviations

Windows 98 Second Edition = Windows 98 SE = Windows 98
Windows Millennium Edition = Windows ME
Windows 2000 Professional = Windows 2000 Pro = Windows 2000
Windows XP Home Edition = Windows XP HE
Windows XP Professional = Windows XP Pro
Windows XP HE and/or Windows XP Pro = Windows XP HE/Pro = Windows XP
Windows Vista Home Basic = Windows Vista HB
Windows Vista Ultimate = Windows Vista Ult
Windows Vista HB and/or Windows Vista Ult = Windows Vista HB/Ult = Windows Vista
Windows 7 Home Premium = Windows 7 HP
Windows 7 Professional = Windows 7 Pro
Windows 7 HP and/or Windows 7 Pro = Windows 7 HP/Pro = Windows 7
Original Release = Orig
Service Pack # = SP#
Does Not Exist = DNE

2. Hardware

2.1. Hardware: Windows 98/ME/2000/XP Defaults

- Motherboard: MSI KT6 Delta-LSR (VIA AMD KT600 Chipset).
- Processor: AMD Athlon XP 3000+.
- Memory: 1GB Kingston 400MHz DDR.
- Hard Disk: 300GB Seagate Barracuda 7200.10 ST3300620A PATA/100.
- Video: Motherboard does not include integrated video. Install add-in video ATI Radeon 9600 SE AGP 8x 128MB DDR.
- Monitors: 1.) Acer X193W LCD (native resolution: 1440x900, manufactured: Sep09) connected to video via DVI, or 2.) Hitachi CML174SWX LCD (native resolution: 1280x1024, manufactured: Sep02) connected to video via DVI.

2.2. Hardware: Windows Vista/7 Defaults

- Motherboard: Intel DG33FB (Intel G33 Express Chipset).
 - Processor: Intel Core 2 Duo E6750.
 - Memory: 2GB Kingston 800MHz DDR2.
 - Hard Disk: 250GB Seagate Barracuda ES ST3250620NS SATA 3gbs.
 - Video: In BIOS, select Ext PCIE Graphics (PEG) over Int Graphics (IGD). Install add-in video Sapphire ATI Radeon HD 2600 XT PCI-E x16 256MB GDDR3.
 - Monitors: 1.) Acer X193W LCD (native resolution: 1440x900, manufactured: Sep09) connected to video via DVI, or 2.) Hitachi CML174SXW LCD (native resolution: 1280x1024, manufactured: Sep02) connected to video via DVI.
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3. Windows Installations

3.1. Windows Installation: Windows 98 SE Defaults

1. Perform a clean installation of Windows 98 SE:
 1. Boot the computer from the Windows 98 Startup Disk.
 2. Delete all existing partitions, create a primary DOS partition, mark it active, format it, and then initiate the installation of Windows 98 SE.
 3. Otherwise, select **default/typical/recommended** throughout.
2. When Windows 98 SE loads the first time, the Add New Hardware Wizard: This wizard searches for new drivers for: Plug and Play Monitor dialog appears. Click **Next**.
3. The Add New Hardware Wizard: What do you want Windows to do dialog appears. By default, Search for the best driver for your device (Recommended) is selected. Click **Next**.
4. The Add New Hardware Wizard: Windows will search for new drivers in its driver database on your hard drive, and in any of the following selected locations dialog appears. By default, Floppy disk drives is selected. Click **Next**.
5. The Add New Hardware Wizard: ...Location of driver: C:\WINDOWS\INF\MONITOR.INF dialog appears. Click **Next**.
6. The Add New Hardware Wizard: Windows has finished installing the software that your new hardware device requires dialog appears. Click **Finish**.
7. Restart the computer.
8. Take the Windows 98 SE defaults.

3.2. Windows Installation: Windows ME Defaults

1. Perform a clean installation of Windows ME:
 1. Boot the computer from the Windows ME Startup Disk.
 2. Delete all existing partitions, create a primary DOS partition, mark it active, format it, and then initiate the installation of Windows ME.
 3. Otherwise, select **default/typical/recommended** throughout.
2. Restart the computer.
3. Take the Windows ME defaults.

3.3. Windows Installation: Windows 2000 Pro SP3 Defaults

1. Perform a clean installation of Windows 2000 Pro Includes SP3:
 1. Boot the computer from the Windows 2000 Pro Includes SP3 product CD.
 2. In Windows 2000 Pro Setup, delete all existing partitions, create a partition, and format it NTFS.
 3. Otherwise, select **default/typical/recommended** throughout.
2. Restart the computer.
3. Take the Windows 2000 Pro SP3 defaults.

3.4. Windows Installation: Windows 2000 Pro SP4 Defaults

1. Perform a clean installation of Windows 2000 Pro Includes SP3:
 1. Boot the computer from the Windows 2000 Pro Includes SP3 product CD.
 2. In Windows 2000 Pro Setup, delete all existing partitions, create a partition, and format it NTFS.
 3. Otherwise, select **default/typical/recommended** throughout.
2. Restart the computer.
3. Install [Windows 2000 Service Pack 4 Network Install For IT Professionals \(microsoft.com\)](http://www.microsoft.com/windows/2000/servicepack4/networkinstall/foritprofessionals/):
 1. The Windows 2000 Service Pack 4 Setup Wizard: ...Do you want Setup to archive these files dialog appears. Click **Do Not Archive Files | Next**.
 2. Otherwise, select **default/typical/recommended** throughout.
4. Restart the computer.
5. Take the Windows 2000 Pro SP4 defaults.

3.5. Windows Installation: Windows XP HE Orig Defaults

1. Perform a clean installation of Windows XP HE Orig:
 1. Boot the computer from the Windows XP HE Orig product CD.
 2. In Windows XP HE Setup, delete all existing partitions, create a partition, and format it NTFS.
 3. Otherwise, select **default/typical/recommended** throughout.
2. When Windows XP HE Orig loads the first time, the Monitor Settings: Windows adjusted your screen resolution. If you can read this text, click OK to continue dialog appears. Click **OK**.
3. Restart the computer.
4. Take the Windows XP HE Orig defaults.

3.6. Windows Installation: Windows XP HE SP1 Defaults

1. Perform a clean installation of Windows XP HE Includes SP1:
 1. Boot the computer from the Windows XP HE Includes SP1 product CD.
 2. In Windows XP HE Setup, delete all existing partitions, create a partition, and format it NTFS.
 3. Otherwise, select **default/typical/recommended** throughout.
2. When Windows XP HE SP1 loads the first time, the Monitor Settings: Windows adjusted your screen resolution. If you can read this text, click OK to continue dialog appears. Click **OK**.
3. Restart the computer.
4. Take the Windows XP HE SP1 defaults.

3.7. Windows Installation: Windows XP HE/Pro SP2 Defaults

1. Perform a clean installation of Windows XP HE/Pro Includes SP2:

1. Boot the computer from the Windows XP HE/Pro Includes SP2 product CD.
 2. In Windows XP HE/Pro Setup, delete all existing partitions, create a partition, and format it NTFS.
 3. Otherwise, select **default/typical/recommended** throughout.
2. Restart the computer.
 3. Take the Windows XP HE/Pro SP2 defaults.

3.8. Windows Installation: Windows XP HE/Pro SP3 Defaults

1. Perform a clean installation of Windows XP HE/Pro Includes SP2:
 1. Boot the computer from the Windows XP HE/Pro Includes SP2 product CD.
 2. In Windows XP HE/Pro Setup, delete all existing partitions, create a partition, and format it NTFS.
 3. Otherwise, select **default/typical/recommended** throughout.
2. Restart the computer.
3. Install [Windows XP Service Pack 3 Network Installation Package For IT Professionals And Developers \(microsoft.com\)](http://microsoft.com).
4. Restart the computer.
5. Take the Windows XP HE/Pro SP3 defaults.

3.9. Windows Installation: Windows Vista HB/Ult Orig Defaults

1. Perform a clean installation of Windows Vista HB/Ult (OEM System Builder Pack) Orig:
 1. Boot the computer from the Windows Vista HB/Ult (OEM System Builder Pack) Orig product DVD.
 2. When the Install Windows: Which type of installation do you want dialog appears, click **Custom (advanced)**.
 3. When the Install Windows: Where do you want to install Windows dialog appears, delete all existing partitions and create a new partition.
 4. Otherwise, select **default/typical/recommended** throughout.
2. Restart the computer.
3. Take the Windows Vista HB/Ult Orig defaults.

3.10. Windows Installation: Windows Vista HB/Ult SP1 Defaults

1. Perform a clean installation of Windows Vista HB/Ult (OEM System Builder Pack) Orig:
 1. Boot the computer from the Windows Vista HB/Ult (OEM System Builder Pack) Orig product DVD.
 2. When the Install Windows: Which type of installation do you want dialog appears, click **Custom (advanced)**.
 3. When the Install Windows: Where do you want to install Windows dialog appears, delete all existing partitions and create a new partition.
 4. Otherwise, select **default/typical/recommended** throughout.
2. Restart the computer.
3. Install [Windows Vista Service Pack 1 Five Language Standalone \(KB936330\) \(microsoft.com\)](http://microsoft.com).
4. Restart the computer.
5. Take the Windows Vista HB/Ult SP1 defaults.

3.11. Windows Installation: Windows Vista HB/Ult SP2 Defaults

1. Perform a clean installation of Windows Vista HB/Ult (OEM System Builder Pack) Orig:
 1. Boot the computer from the Windows Vista HB/Ult (OEM System Builder Pack) Orig product DVD.
 2. When the Install Windows: Which type of installation do you want dialog appears, click **Custom (advanced)**.
 3. When the Install Windows: Where do you want to install Windows dialog appears, delete all existing partitions and create a new partition.
 4. Otherwise, select **default/typical/recommended** throughout.
2. Restart the computer.
3. Install [Windows Vista Service Pack 1 Five Language Standalone \(KB936330\) \(microsoft.com\)](http://microsoft.com).
4. Restart the computer.
5. Install [Windows Server 2008 Service Pack 2 And Windows Vista Service Pack 2 - Five Language Standalone \(KB948465\) \(microsoft.com\)](http://microsoft.com).
6. Restart the computer.
7. Take the Windows Vista HB/Ult SP2 defaults.

3.12. Windows Installation: Windows 7 HP/Pro Orig Defaults

1. Perform a clean installation of Windows 7 HP/Pro Orig:
 1. Boot the computer from the Windows 7 HP/Pro Orig product DVD.
 2. When the Install Windows: Which type of installation do you want dialog appears, click **Custom (advanced)**.
 3. When the Install Windows: Where do you want to install Windows dialog appears, delete all existing partitions and create a new partition.
 4. Otherwise, select **default/typical/recommended** throughout.
2. Restart the computer.
3. Take the Windows 7 HP/Pro Orig defaults.

4. Windows 98 Through Windows 7 Defaults

Windows	Used Hard Disk Space	Internet Explorer (Cipher Strength)	Outlook Express	Windows Media Player	DirectX	Display/ Resolution/ Colors*
98 SE 4.10.2222 A	233MB	5.00.2614.3500 (40-bit)	5.00.2615.200	6.01.05.0217	6.1a (4.06.03.0518)	Acer X193W on Standard PCI Graphics Adapter (VGA)/ 640x480/ 16 Colors (1)
ME 4.90.3000	504MB	5.50.4134.0100 (128-bit)	5.50.4133.2400	6.4.07.1112 and 7.00.00.1440	7.1 (4.07.01.3000)	Acer X193W on Standard PCI Graphics Adapter (VGA)/ 640x480/ 16 Colors (2)
Windows	Used Hard Disk Space	Internet Explorer (Cipher Strength)	Outlook Express	Windows Media Player	DirectX	Display/ Resolution/ Colors*
2000 Pro SP3 5.00.2195	2.11GB	5.00.3502.1000 (128-bit)	5.50.4807.1700	6.4.09.1121	7.0 (4.07.00.0700)	(Default Monitor) on VGA/ 640x480/ 16 Colors (3)
2000 Pro SP4 5.00.2195	2.24GB	5.00.3700.1000 (128-bit)	5.50.4807.1700	6.4.09.1125	7.0 (4.07.00.0700)	(Default Monitor) on VGA/ 640x480/ 16 Colors (4)
Windows	Used Hard Disk Space	Internet Explorer (Cipher Strength)	Outlook Express	Windows Media Player	DirectX	Display/ Resolution/ Colors*
XP HE Orig 5.1.2600	2.45GB	6.0.2600.1000 (128-bit)	6.00.2600.0000	6.4.09.1120 and 8.00.00.4477	8.1 (4.08.01.0810)	(Default Monitor) on blank/ 800x600/ Highest (32 bit) (5)
XP HE SP1 5.1.2600	2.47GB	6.0.2800.1106 (128-bit)	6.00.2800.1106	6.4.09.1125 and 8.00.00.4487	8.1 (4.08.01.0810)	(Default Monitor) on blank/ 800x600/ Highest (32 bit) (6)

XP HE/Pro SP2 5.1.2600	XP HE: 3.56GB XP Pro: 3.65GB	6.0.2900.2180 (128-bit)	6.00.2900.2180	6.4.09.1130 and 9.00.00.3250	9.0c (4.09.0000.0904)	Plug and Play Monitor on RADEON 9600 PRO Family (Microsoft Corporation)/ 1440x900/ Highest (32 bit) (7)
XP HE/Pro SP3 5.1.2600	XP HE: 4.86GB XP Pro: 5.17GB	6.0.2900.5512 (128-bit)	6.00.2900.5512	6.4.09.1130 and 9.00.00.4503	9.0c (4.09.0000.0904)	Plug and Play Monitor on RADEON 9600 PRO Family (Microsoft Corporation)/ 1440x900/ Highest (32 bit) (8)
Windows	Used Hard Disk Space	Internet Explorer (Cipher Strength)	Windows Mail	Windows Media Player	DirectX	Display/ Resolution/ Colors*
Vista HB/Ult Orig 6.0.6000	Vista HB: 6.73GB Vista Ult: 7.56GB	7.0.6000.16386 (256-bit)	6.0.6000.16386	11.0.6000.6324	10	(Default Monitor) on blank/ 800x600/ Highest (32 bit) (9)
Vista HB/Ult SP1 6.0.6001	Vista HB: 8.91GB Vista Ult: 10.1GB	7.0.6001.18000 (256-bit)	6.0.6000.16386	11.0.6001.7000	10	(Default Monitor) on blank/ 800x600/ Highest (32 bit) (10)
Vista HB/Ult SP2 6.0.6002	Vista HB: 10.0GB Vista Ult: 11.3GB	7.0.6002.18005 (256-bit)	6.0.6000.16386	11.0.6002.18005	10	(Default Monitor) on blank/ 800x600/ Highest (32 bit) (11)
Windows	Used Hard Disk Space	Internet Explorer (Cipher Strength)	Windows Mail	Windows Media Player	DirectX	Display/ Resolution/ Colors*
7 HP/Pro Orig 6.1.7600	7 HP: 8.46GB 7 Pro: 8.46GB	8.0.7600.16385 (256-bit)	DNE	12.0.7600.16385	11	Display device on: DVI 1440x900/ True Color (32 bit) (12)

* For Acer X193W. For Hitachi CML174SXW substitute as follows, differences from Acer X193W in bold:

98 SE: **CML174SX** on Standard PCI Graphics Adapter (VGA)/640x480/16 Colors.

ME: **CML174SX** on Standard PCI Graphics Adapter (VGA)/640x480/16 Colors.

XP HE/Pro SP2 and SP3: Plug and Play Monitor on RADEON 9600 PRO Family (Microsoft Corporation)/**1280x1024**
/Highest (32 bit).

7 HP/Pro Orig: **CML174SX/1280x1024**/True Color (32 bit).

(1) 98 SE: Increasing resolution/colors requires installing third party drivers.

(2) ME: Increasing resolution/colors requires installing third party drivers.

(3) (4) 2000 Pro SP3 and SP4: Resolution/colors can be increased to 800x600/16 colors without installing third party drivers.

(5) (6) XP HE/Pro Orig and SP1: Resolution/colors can be increased to 1280x1024/Highest (32 bit) without installing third party drivers.

(7) (8) XP HE/Pro SP2 and SP3: The ATI Radeon 9600 SE add-in video card is recognized and the Acer X193W LCD monitor's native resolution, 1440x900, at highest colors, 32 bit, are not only available, but are the defaults.

(9) (10) (11) Vista HB/Ult Orig, SP1, and SP2: Resolution/colors can be increased to 1280x1024/Highest (32 bit) without installing third party drivers.

(12) 7 HP/Pro Orig: The ATI Radeon HD 2600 XT add-in video card is recognized and the Acer X193W LCD monitor's native resolution, 1440x900, at highest colors, 32 bit, are not only available, but are the defaults.

5. Additional Reading

- [Windows 2000 Service Pack 4 Network Install For IT Professionals \(microsoft.com\)](#)
- [Windows XP Service Pack 3 Network Installation Package For IT Professionals And Developers \(microsoft.com\)](#)
- [Windows Vista Service Pack 1 Five Language Standalone \(KB936330\) \(microsoft.com\)](#)
- [Windows Server 2008 Service Pack 2 And Windows Vista Service Pack 2 - Five Language Standalone \(KB948465\) \(microsoft.com\)](#)

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