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## [Here Are the Drivers That Don't Play Well with Vista SP1 RTM](#)

*According to Microsoft*



Windows Vista  
Microsoft

**Windows Vista Service Pack 1** was released to manufacturing on February 4, 2008. But end users had to exercise their patience another month and a half before they could get their hands on Vista SP1 RTM. As of March 18, 2008, the Redmond company has made Vista SP1 available via Windows Update and the Microsoft download center. The reason for the postponing of the general availability was faulty driver integration. Together with opening up Vista SP1 RTM for download to the general public, Microsoft has also come up with a list of the device drives that weren't playing well with the service pack. The [list](#) is integrated in full at the bottom of this article. "I've received a lot of requests for more detail about the driver situation this last month, so I want to share some more information. We spent the last couple of months looking closely at reports of driver problems on pre-release builds and, to be safe, we held the public availability until March," revealed [Nick White](#), Windows Vista Product Manager. The vast majority of the driver problems have been fixed, as Vista SP1 was moving from Release Candidate stage to RTM. But at the same time, there are drivers that will prevent users of the Vista operating system from deploying SP1. White stated that Microsoft was working with hardware manufacturers in order to make available functional drivers for the remaining devices. Windows Update will not offer SP1 to the users whose systems contain components with the problematic drivers. "We identified a small number of device drivers that may be problematic after an update from Windows Vista to Windows Vista SP1. As a result, we spent the past month or so working with our partners on driver updates for these issues. Of these drivers, most already have updated versions on Windows Update and are available for download now as optional updates. In a few weeks, we'll start to deliver these updated drivers to PCs automatically via Windows Update," White added. Updating the drivers to the correct versions that gully support, Vista SP1 is the only way to access the service pack via WU. "Windows Update will recognize PCs with drivers that may be problematic and postpone offering SP1 to those PCs until it has installed corrected drivers or other applicable updates. Either way, Windows Update works to detect whether or not your system is ready for SP1 and not offer it to you until the time is right. Those of you who find that SP1 isn't offered over Windows Update even after updating all your drivers, but would still like to download it can access our 'standalone installer' from the Microsoft Download Center," White said. Windows Vista SP1 is available [HERE](#). **Audio drivers**  
**Realtek AC'97** &#65517; For x86-based computers: Alcxwdm.sys - version 6.0.1.6242 or earlier &#65517; For x64-based computers: Alcxwdm64.sys - version 6.0.1.6242 or earlier **SigmaTel** &#65517; For x86-based computers: Sthda.sys - version 5.10.5762.0 or earlier &#65517; For x64-based computers: Sthda64.sys - version 5.10.5762.0 or earlier **SigmaTel** &#65517; For x86-based computers: Stwrt.sys - version 6.10.5511.0 or earlier &#65517; For x64-based computers: Stwrt64.sys - version 6.10.5511.0 or earlier **Creative Audigy** &#65517; For x86-based and x64-based computers: Ctaud2k.sys - version 6.0.1.1242 or earlier &#65517; For x86-based computers: P17.sys - all versions (This was originally a Windows XP-based driver.) **Conexant HD Audio** &#65517; For x86-based computers: Chdart.sys - version 4.32.0.0 or earlier &#65517; For x64-based computers: Chdart64.sys - version 4.32.0.0 or earlier **Biometric (Fingerprint) Sensors**&#65517; AuthenTec Fingerprint Sensor with the Atswpdrv.sys driver file - version 7.7.1.7 or earlier &#65517; UPEK Fingerprint Sensor with the Tcusb.sys driver file - version 1.9.2.99 or earlier **Display drivers**  
**Intel Display** &#65517; For x86-based computers: IgdKMD32.sys - versions between and including driver 7.14.10.1322 and 7.14.10.1403 &#65517; For x64-based computers: IgdKMD64.sys - versions between

and including driver 7.14.10.1322 and 7.14.10.1403 **Other drivers**; Texas Instruments Smart Card Controller with the GTIPCI21.sys driver file - version 1.0.1.19 or earlier; Sierra Wireless AirCard 580 with the Watcher.exe application - version 3.4.0.9 or earlier (This application is located in the AirCard 580 Program Files folder.) **Symantec software** driver for Symantec Endpoint Protection and for Symantec Network Access Control clients; For x86-based computers: Wgx.sys - versions 11.0.1000.1091 or earlier; For x64-based computers: Wgx64.sys - versions 11.0.1000.1091 or earlier