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## [Getting Your Laptop Card Reader to Read 4GB SD Cards](#)

### *A step by step tutorial*

For some unknown cosmic reason, laptop producers have some difficulties communicating with 4GB SD card producers. I mean is it too much to ask to be able to use a 4GB SD card with a brand new technologically advanced laptop? Here's the deal. I have a Sony VAIO VGN-TX3XP ultra-portable notebook; I don't want to brag about it, but this is one heck of a laptop: small, powerful and it has all the whistles and bells you can possibly want in a device in its class, except one annoying thing: no support for a 4GB SD card. Yes, high capacity normal SD cards are tricky, but since some laptops (the card was also tested on a Dell) can do it, the Vaio should also be able to rise up to the expectations. Unfortunately, this is not the case and it takes a lot of ambition to convince Sony's little laptop to shake hands with a 4GB SD card. Before we dirty our hands with the intricate ways of the Device Manager and the treacherous Texas Instruments card reader driver, let me state that I am not the author of this workaround. This tutorial is based on the findings of a member called [MFB](#) from the treocentral.com discussion board. It's interesting to notice that although this little trick was initially designed to get a HP notebook to read the card, it works perfectly well with other brands as well and the proof is that I've used it on a Vaio. This is because there are many units out there incorporating a Texas Instruments card reader. The first step of this operation is to download the driver. Here's [the link](#) to Softpedia's drivers database or you can go directly to [HP](#). The second thing you need to do is to remove the existing Texas Instrument driver using Windows add/remove. The OS might want you to reboot, but don't click yes. Now it's time to run the installer previously downloaded. You now have to go to the location (C:\SWSetupSP33416BaseprogramfilesTexas Instruments IncTIPCI) with all the extracted files and to right click on the file tifm21.inf; choose install. Before going any further, you might want to try and insert the 4GB card into the reader; sometimes it works just by doing that. If your card reader still refuses, go to the control panel/system/device manager and look for PCMCIA adapters and expand; right click on the 2nd generic cardbus control and click update driver. Choose "install from a specific location", "I will choose what driver to install" and press "Have disk". Browse to where you extracted the files (C:\SWSetupSP33416Baseprogram filesTexas Instruments IncTIPCI) and choose tifm21. Your 4GB SD card and laptop should now be best friends.