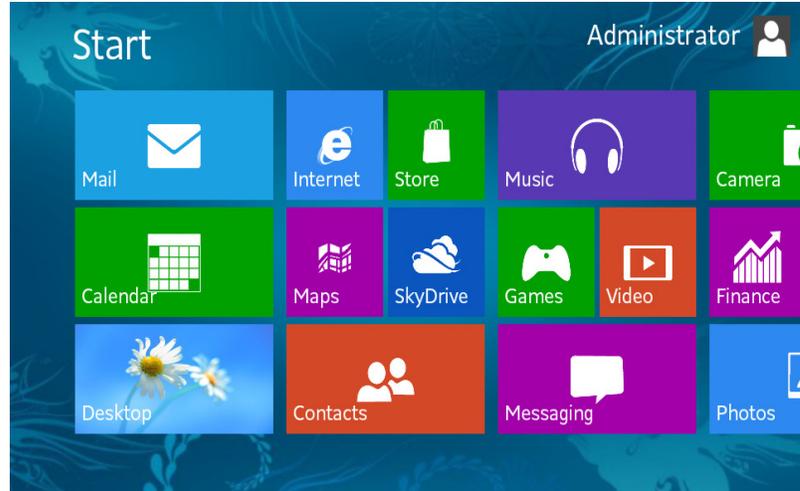


Why can't I boot a Windows 8 machine...I thought the operating system didn't matter?!

The first thing to understand is that it is not the operating system but rather the new security features of the BIOS and hardware that do not allow XDR to boot in the normal configuration.

More specifically, UEFI 2.2 (Unified Extensible Firmware Interface) with Secure Boot enabled is the problem. The hardware manufacturers are trying to make the hardware more secure and the result is UEFI.



Some configuration settings must be changed in the BIOS of the computer you are trying to boot. Following is a short list of the keys that allow entry into the BIOS of some computers:

Lenovo: 'Nova' button, 'Enter', or 'DEL'

HP: 'F10'

Dell: 'F12' and then 'F2'

Once in the BIOS, the 'Secure Boot' option must be disabled. This option is typically found in the 'Security Options' or 'Security' tab.

After 'Secure Boot' has been disabled, 'Legacy Boot' must be enabled. If the 'Legacy Boot' option is not selectable, you will have to enable the CSM (or Compatibility Support Module) and then enable 'Legacy Boot'.

Settings for CSM and Legacy Boot are also typically found under the 'Security Options' or 'Security' tab and will likely be close to the 'Secure Boot' option.

The following instructions describe how to perform the workaround for various computers. As additional computers are tested, they will be added to this list.

The newest version of software, currently in testing, eliminates the need for these workarounds.



HP EliteBook 8570P

1. Insert XDR CD in tray.
2. Power the computer on and immediately press the 'F10' key to enter 'BIOS Setup' and log in as guest.
 - a. Navigate to 'System Configuration' and select 'Boot Options'
 - i. In the 'Boot Options' section, de-select 'SecureBoot'
 - ii. Navigate to 'Boot Mode' in the same 'Boot Options' section and select 'Legacy'
 - b. Select 'Exit' and save the settings
 - i. The system should now boot into XDR from the CD
3. Once the system has booted up into XDR, insert a USB hub into the only USB port with a power symbol (lightning bolt) next to it (this is the only USB port that works in this mode)
 - a. Plug the PSIClone, the external USB target drive, and the USB log drive into the USB Hub

Toshiba Satellite with Windows 8

1. Boot the computer into Windows 8
2. Mouse into the top right corner and select settings
3. Select Change PC Settings
4. Navigate to the general tab then scroll to the bottom and select restart now
5. Choose the option to Continue
6. When screen goes black, hold down 'F12' until the Toshiba logo is displayed
7. In the boot menu navigate down to 'Enter setup'
8. Mouse over to the 'Security' tab and disable 'Secure Boot'
9. Mouse over to the 'Advanced' tab and select 'System Configuration'
10. Go to 'Boot mode' and change it from UEFI to CSM 'Legacy' mode
11. Press 'F10' to Save and Exit
12. As soon as the Toshiba logo is displayed, quickly press 'F12'
13. Select the USB device that you wish to boot from
14. Now that CSM 'Legacy' boot mode has been enabled, all that is required to display the boot menu is to press 'F12'.

Note: The computer will NOT boot into Windows 8 if 'Secure Boot' is disabled and the system is in 'Legacy' mode. To boot into Windows 8, reverse the instructions to re-enable SecureBoot.



Lenovo Thinkpad L530

1. On power up press enter when you see the Lenovo logo
2. From there press F1 to enter Bios Setup
3. Tab over to the “security” tab and arrow down to “secure boot”
4. Disable Secure Boot by pressing enter and selecting “disabled”
5. Press the Escape key to exit back to the main menu
6. Tab over to the “startup” tab and change boot mode from UEFI to Legacy
7. Arrow up to “boot” and press enter
8. Hover over the USB FDD option and press Shift and + to move it up to #1 priority
9. Press F10 to save and exit

Sony Vaio S-Series

1. While the computer is powered off hold down the “assist” key until it boots up into the menu
2. From there press F2 to enter Bios Setup
3. Tab over to the “security” tab and arrow down to “secure boot”
4. Disable Secure Boot by pressing enter and selecting “disabled”
5. Tab over to the “boot” tab and under the boot configuration section change boot mode from UEFI to Legacy
6. Enable external device boot by pressing enter and selecting enabled
7. Under boot priority section move External device to first in the boot priority by highlighting it and pressing F5 until it is at the top of the list.
8. Press F10 to save and exit