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Asus bios utility boot from usb

If you need to boot your Asus computer from the USB drive or CD-ROM, you need to get into the BIOS to create the configuration. Over in the Super User forum, a poster with a Zenbook said that after consulting an Asus tech, he was told that with Windows 8 you can't boot from the BIOS. We published a couple of solutions for this problem down the page to try it - they are listed under [Asus Windows 8 Solution. How to Boot from USB Using the BIOS](#) If you are looking to do the boot from a flash drive or CD on Windows 10, ASUS provides the following instructions. (If you don't know how to enter the BIOS, scroll down a bit- we've outlined a process to do that). When you enter the BIOS configuration, make sure you select [BOOT]. Next, enable [Launch CSM]. (Compatibility Support Module) Enter [Security] -> and then disable [Secure Boot Control] Press F10 to save the configuration changes. You have the option to boot your computer from the USB drive/CD-ROM by using the 2 approaches below. Procedure #1: Enter the BIOS -> Select [Save & Exit] -> Select USB Drive/CD-ROM from [Boot Override] Approach #2: Hold and press [ESC] and after that press the power button to activate the system. You can select the boot device from the list. ASUS How to Boot from a USB drive (Flash Drive or other USB) How to enter Bios According to Asus, due to the fixed boot feature, you can not just press F2 to get in bios configuration when booting the computer. Check out the steps below to specify the BIOS configuration. 1. Hold and press [Shift] after turning off the computer. 2. Press and hold the F2 button after clicking the power button. Do not release the F2 button before the BIOS screen is displayed. 3. You will then be able to access the BIOS configuration. Asus Windows 8 Solution Asus Windows 8 solution, if booting from usb option is not available from the BIOS, is listed below. (You can see the original instructions here). Plug in the USB drive Switch the Zenbook notebook to enter UEFI (BIOS) by pressing ESC or F2 In the Boot tab: 'Disable Fastboot' (*) Press F10 to save and stop directly press ESC or F2 once again in the 'Boot' tab: your USB drive should be listed – change the order of Dial F10 to save & end Your Zenbook ought to now boot from your USB drive *You would 'Enable CSM' if you want to boot in legislature mode. If the above doesn't work, the poster says you may need a more modern firmware version. Another Super User poster provided an additional fix that solved the problem for a bunch of Asus users: Power your computer on Press F2 to enter the BIOS Press Tab to Boot Make sure secure boot is disabled CSM + UEFI selected in OS mode Selection Then press F10 Hold F2 to enter the BIOS Check boot -> Boot Priority to determine if USB connected shows USB Flash Drive Boot References References mounted a helpful tabulation of USB Flash Drive Boot References. Check it out or below- and refer to their site for other brands: BrandTypeModelsBoot MenuBoot OnceChange PriorityBIOS / UEFI Key AsusdesktopF8F9 AsuslaptopVivoBook f200ca, f202e, q200e, s200e, s400ca, s500ca, u38n, v500ca, v550ca, v550ca, v551, x200ca, x202e, x550ca, z202eEscDelete AsuslaptopN550JV, N750JV, N550LF, Rog g750jh, Rog g750jw, Rog g750jxEscDisable Fast Boot and Secure Boot Control to boot from MBR-formatted media. F2 AsuslaptopZenbook Infinity ux301, Infinity ux301a, Prime ux31a, Prime ux32vd, R509C, Taichi 21, Touch u500vz, Transformer Book TX300EscDisable Fast Boot and Secure Boot Control to boot from MBR-formatted media. F2 Asusnotebookk25f, k35e, k34u, k35u, k43u, k46cb, k52f, k53e, k55a, k60j, k70ab, k72f, k73e, k73s, k84l, k93sm, k93sv, k95vb, k501, k601, R503C, x32a, x35u, x54c, x61g, x64c, x64v, x75a, x83v, x83vb, x90, x93en, x95gl, x101ch, x102ba, x200ca, x202e, x301a, x401a, x401u, x501a, x502c, x75 0jaFDELUsetnetbookEee PC 1015, 1025cEscBoot Tab, Boot Device Priority, 1st Boot Device, Removable Drive, F10F2 READ ALSO: How to Solve a 401 Unauthorized Error Summary When you start your Asus computer from a USB drive, what actually happens is that you are running the computer with the operating system that you have installed on the actual flash drive. That's compared to how it normally works boot your P.C.- you run it with the operating system that is installed on your internal hard drive. Whether it's Windows, Linux, or anything else. Generally, it should only take 10-20 minutes to get done- but, as we've seen, there's some additional complexity with Windows 8 and Asus machines. This guide explains how to boot from a USB flash drive and what configurations you need to have. If you have a new computer model (usually with Windows 8 or Windows 10) that has UEFI/EFI, make sure you read the UEFI/EFI configuration before moving on to How to boot from a USB stick below. If you want to boot from a CD or DVD, follow the boot from a CD or DVD guide instead. How to boot from a USB stick In order for your computer to boot from a USB stick, make sure that: The USB flash drive is the bootable USB flash drive priority in the Boot Devices menu on your BIOS /UEFI panel. For more information, go to To access the BIOS/UEFI on some computer models (mostly ultrabooks) with a quick startup option, you need to disable fast startup before you can boot from a USB instructions Method #1 – Follow these steps to boot from a USB: Insert the USB flash drive. It is recommended that you remove all other devices, memory cards, printers, scanners, etc. Restart your computer Press any key to boot from an external media, if prompted to do so Method #2 - If you are not prompted with type of message, you should be prompted to make a certain combination of keys to select a device to boot from: Insert the USB flash drive. As above, remove all other devices, memory cards, printers etc. Restart your computer Access the Boot Menu.To find the combination of keys for your specific PC manufacturers, go to To access boot menu. Select the USB object and dial enter BIOS boot menu option The Boot Menu can have different names for the external media: 1. +Removable Devices 2. +Hard Drive 3. CD-ROM Drive Method #3 – If none of the above work, make sure the BIOS/UEFI settings are correct and you can move the USB item to the top of the list in the Boot Device Select Menu. With this method, you will force your computer to always boot from a USB stick first and then from your hard drive. If a USB drive is not available, the computer will boot from the hard drive. Usually, a Removable Drives or a USB HDD would be the flash drive you're looking for. This list may look something like this: 1st Drive [SATA] 2nd Drive [USB:Flash Drive] Depending on your computer model and BIOS version, you can turn the Enter on 1st Drive option to open the menu and select the USB device object instead. Doing these steps would make the list above something like this: 1st Drive [USB: Flash Drive] 2nd Drive [SATA] Make sure you save the changes before you exit. Hotkeys Depending on the PC manufacturer, you must press different keys or combination of keys to access the Start menu or the BIOS/UEFI menu. The start menu is the Windows menu that allows you to select the drive you want to boot from: HDD, USB, CD-ROM, etc. If the Start menu is not available, you can force your computer to boot from an external and removable media (such as a USB stick, CD, or DVD) by configuring the BIOS/UEFI settings. Newer computers models with UEFI

UEFI need to have the older mode enabled (or disable the secure boot). If you have a computer with UEFI/EFI, go to UEFI/EFI configuration. Your USB flash drive won't start if the USB flash drive isn't bootable. Go to How to boot from a USB stick to see the steps you need to take. To access the Start Menu To access the Start Menu, find your PC manufacturer below to see which combination of keys you need: Acer: Esc, F12 or F9. Most computer models from Acer should work with the F12 key. Asus: F8 or Esc Compaq: Esc or F9 Dell: F12 eMachines: F12 Fujitsu: F12 HP: Esc or F9. If Esc works, you may need to press F9 afterwards: Esc + F9. Lenovo: F8, F10 or F12. On computer models with the Novo button, try pressing the Novo button. Other key combinations: Fn + F11. Samsung: Esc or F2 or F12. Users of ultrabooks from Samsung should disable the fast boot option in the BIOS/UEFI before booting from a USB drive. To disable the fast boot, to access the BIOS/UEFI > Samsung and find the combination of keys you need to access to this. VAIO: Esc, F10 or F11. On some Sony VAIO models, you may need to press the Assist button. Toshiba: F12 To access BIOS/UEFI To access BIOS/UEFI, find your PC manufacturer below to see which combinations of key you need: Acer: Part or F2 key. Most models should work with the F2 key. Asus: Remove or Part Key Compaq: F10 Dell: F2 eMachines: Tab or Del Fujitsu: F2 HP: Esc, F10, F11. On some Pavilion models, you may need to press F1 instead. Lenovo: F1 or F2. If your computer is a Lenovo laptop, try searching for a small button next to the power button instead. Samsung: F2. On some ultrabooks models, you may need to press F10. VAIO: F1, F2, F3. On models with the Assist button, tap Assist. Toshiba: F1, F2, F12 or Esc. UEFI/EFI configuration Windows 8 and Windows 10 computers typically have the new UEFI/EFI that needs some configuration before you can continue booting from a USB stick. If you are not sure how to access UEFI/EFI, go to To access BIOS/UEFI instructions. You must disable the secure boot option. Option names can be one of the following, depending on the computer model: Legacy Support. If you have Legacy Support listed, make sure it's On or Enabled. Legal CSM. If you have Older CSM listed, make sure it's On or Enabled. Start CSM. If you have Start CSM listed, make sure it's On or Enabled. Csm. If you have CSM, make sure it is On or Enabled. UEFI/Legacy Boot. If you have a UEFI/Legacy Boot option, make sure it's marked as Both or Only Older. Start mode. If you have a Start Mode option listed, make sure Older Support is selected. Start Options filter. If you have a Start Options Filter option listed, make sure you select Legacy too: UEFI and Legacy, Legacy First, Legacy Only After you make the changes to disable the safe boot (or enable legacy mode), make sure you save the changes. This is usually done by clicking the F10 key. For more information on how to enable the older mode, see our Older Mode Enable Mode guide or Disable Safe Start Guide. Troubleshoot HDD is visible, but not USB If the hdd option is visible at Boot Menu, but not the USB drive, follow these tips and restart your computer to try again: If your computer has multiple USB ports: plug and unplug the flash drive in different ports for each startup you do If your computer has USB 2.0 and USB 3.0 ports: try using the flash drive only on the USB 2.0 ports 2.0 port Make sure that you have installed all the necessary drivers from the PC manufacturers for the Windows version you are running USB does not boot if the USB drive does not start, you must make sure that: That the USB is bootable That you either select USB from the Boot Device list or configure the BIOS/UEFI to always boot from a USB drive and then from the hard drive On new computer models with UEFI/EFI , you must also know: That older mode must be enabled (alternative names disable safe boot) On some ultrabooks models with a Fast Boot option: If you need additional help booting from your USB, see the following article: Troubleshooting Boot from USB. More information Support Links Applicable systems This Windows-related knowledgebase article applies to the following operating systems: Windows XP (all editions) Windows Vista (all editions) Windows 7 (all editions) Windows 8 (all editions) Windows 8.1 (all editions) Windows 10 (all editions) Windows Server 2003 (all editions) Windows Server 2008 (all editions) Windows Server 2012 (all editions) Suggest an edit edit

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