

Forum:[Hack Forums](#)

Thread: [Install Windows 7 alongside 8](#)

Dank Kush - April 15, 2015, 2:32 pm

title

How the fuck do I do it? My PC refuses to fucking boot to the USB which I have Windows 7 on. Been goodling for about an hour now, and apparently I need to disable uefi.

But my mobo don't allow me to, I just have UEFI or legacy + uefi. I currently have legacy + uefi activated but the only usb that shows up is uefi: usb cd/dvd and not the "normal" one.

Ain't nothing wrong with the usb, I've done this shit a thousand times, just not from 8 to 7.

I remember having problem last time I tried to install 7, can't remember what I did to fix it though.

If I just run the ISO or 7 directly inside windows 8 I get the following message upon highlighting any of the harddrives except for C: (Which FYI I don't want to install windows 7 on since 8 is already on there).

Code windows cannot be installed to this disk. the selected disk has an mbr partition table. on efi systems, windows can only be installed to gpt disks.

I also tried running it from a CD, but that didn't work either. It still only "detects" the uefi cd/dvd, just like the usb cd/dvd.

mobo is z77a-s03

archangel.dmitry - April 15, 2015, 2:54 pm

You need to install Windows 7 first then Windows 8 on a different partition. If you do otherwise, you will have to mess with boot options. Make to disable Secure Boot.

Dank Kush - April 15, 2015, 3:04 pm

(Apr 15, 2015 02:54 PM)archangel.dmitry Wrote: [\[CITE\]](#) You need to install Windows 7 first then Windows 8 on a different partition. If you do otherwise, you will have to mess with boot options. Make to disable Secure Boot.

That means I have to wipe my C: drive completely, install Windows 7 and then 8 again <_<

Why though?

Why can't I simply install Windows 7 on another partition when I already have w8..

archangel.dmitry - April 15, 2015, 3:08 pm

You can, but EFI is not really friendly if you mess with anything related to boot process.

Freebooter - April 15, 2015, 3:51 pm

If you install Windows 7 64-bit and turn off legacy boot then your problem will be solved only 64-bit version of the Windows 7 support UEFI firmware.

Dank Kush - April 16, 2015, 1:09 am

(Apr 15, 2015 03:51 PM)Freebooter Wrote: [\[CITE\]](#) If you install Windows 7 64-bit and turn off legacy boot then your problem will be solved only 64-bit version of the Windows 7 support UEFI firmware.

How am I suppose to install windows 7 when I can't even boot onto the USB drive?

Freebooter - April 16, 2015, 2:51 am

(Apr 16, 2015 01:09 AM)Skyline R34 Wrote: [\[CITE\]](#) How am I suppose to install windows 7 when I

can't even boot onto the USB drive?The reason you cant boot to USB because you enabled Legacy + UEFI mode and you try to boot from 32-bit Windows 7 bootable USB which does not support UEFI. If you want to boot to 32-bit Windows 7 bootable USB then only enable Legacy BIOS mode and disable SecureBoot features. If you want to dual boot 64-bit Windows 8 and 7 then enable UEFI and disable SecureBoot features to boot from 64-bit Windows 7 USB. If you still cannot boot from bootable USB then create new bootable USB with RUFUS software but make sure for 64-bit Windows 7 RUFUS creates UEFI bootable USB. You must install the older operating system first, and then install the more recent operating system. If you don't you can render your system inoperable. This can happen because earlier versions of Windows don't recognize the startup files used in more recent versions of Windows and can overwrite them.

Dank Kush - April 16, 2015, 3:42 am

(Apr 16, 2015 02:51 AM)Freebooter Wrote: [\[CITE\]](#) The reason you cant boot to USB because you enabled Legacy + UEFI mode and you try to boot from 32-bit Windows 7 bootable USB which does not support UEFI. If you want to boot to 32-bit Windows 7 bootable USB then only enable Legacy BIOS mode and disable SecureBoot features. If you want to dual boot 64-bit Windows 8 and 7 then enable UEFI and disable SecureBoot features to boot from 64-bit Windows 7 USB. If you still cannot boot from bootable USB then create new bootable USB with RUFUS software but make sure for 64-bit Windows 7 RUFUS creates UEFI bootable USB. You must install the older operating system first, and then install the more recent operating system. If you don't you can render your system inoperable. This can happen because earlier versions of Windows don't recognize the startup files used in more recent versions of Windows and can overwrite them.Aight so I'll try to download the 64bit iso and try that.

Also I can't enable safe boot in the first place without activating "windows 8 features" which don't work either because it couldn't recognize my GPU.

I also don't have the option to have legacy only.

Freebooter - April 16, 2015, 3:56 am

(Apr 16, 2015 03:42 AM)Skyline R34 Wrote: [\[CITE\]](#) Aight so I'll try to download the 64bit iso and try that.

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I also don't have the option to have legacy only.Sorry but i can't understand what you mean by you cannot enable safe boot what is safe boot?

What you mean by activating "windows 8 features" what features you cannot enable why safe boot affect activation.

Disabling UEFI mode will enable legacy BIOS mode also enabling Compatibility Support Module (CSM) will enable legacy BIOS compatibility.

Dank Kush - April 16, 2015, 4:44 am

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Disabling UEFI mode will enable legacy BIOS mode also enabling Compatibility Support Module (CSM) will enable legacy BIOS compatibility.

Do you even know how modern BIOSes look & work?

Freebooter - April 16, 2015, 5:46 am

(Apr 16, 2015 04:44 AM)Skyline R34 Wrote: [\[CITE\]](#) Do you even know how modern BIOSes look & work?Do you?

What makes you think i don't know how UEFI firmware works. Instead of insulting my knowlege of the modern PC technology why don't you share your knowlege and teach me what is modern BIOS

firmware and how it works. It will be very funny if you have no clue about BIOS/UEFI firmware but you still think i have no or less knowledge than you.

Dank Kush - April 16, 2015, 2:44 pm

(Apr 16, 2015 05:46 AM)Freebooter Wrote: [\[CITE\]](#) Do you?

What makes you think i don't know how UEFI firmware works. Instead of insulting my knowledge of the modern PC technology why don't you share your knowledge and teach me what is modern BIOS firmware and how it works. It will be very funny if you have no clue about BIOS/UEFI firmware but you still think i have no or less knowledge than you.

"What you mean by activating "windows 8 features"

It's a setting in the BIOS.

"Sorry but i can't understand what you mean by you cannot enable safe boot what is safe boot?"

You literally said safeboot in your post..

archangel.dmitry - April 16, 2015, 2:47 pm

I have found 3 guides for you. Check it out.

<http://www.pagestart.com/win8dbwin701181301.html>

<http://windows.microsoft.com/en-us/windows/install-multiple-operating-system-multiboot#1TC=windows-7>

<http://www.extremetech.com/computing/143380-how-to-dual-boot-windows-8-and-windows-7>

Dank Kush - April 16, 2015, 2:48 pm

(Apr 16, 2015 02:47 PM)archangel.dmitry Wrote: [\[CITE\]](#) I have found 3 guides for you. Check it out.

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<http://www.extremetech.com/computing/143380-how-to-dual-boot-windows-8-and-windows-7>

Already checked all of those, I'll try to download the 64 bit iso.

archangel.dmitry - April 16, 2015, 2:49 pm

Could you tell us, please, why you need to Windows OSes?

Dank Kush - April 16, 2015, 3:17 pm

(Apr 16, 2015 02:49 PM)archangel.dmitry Wrote: [\[CITE\]](#) Could you tell us, please, why you need to Windows OSes?

Because of compatibility stuffs. What does it matter does?

archangel.dmitry - April 16, 2015, 3:54 pm

You could run a VM for one of OSes. It will avoid doing dual boot.

Freebooter - April 16, 2015, 4:46 pm

(Apr 16, 2015 02:44 PM)Skyline R34 Wrote: [\[CITE\]](#) "What you mean by activating "windows 8 features"

It's a setting in the BIOS.

"Sorry but i can't understand what you mean by you cannot enable safe boot what is safe boot?"

You literally said safeboot in your post..I never ones in my posts mention anything about word "safeboot" before you. I said SecureBoot features. Only reason i mention "safeboot" because you were talking about safeboot which i think you type it wrong i think you were talking about [b]Secure Boot[/b]. Now there are god knows lots of settings you can configure in BIOS/UEFI firmware there is

no way i or any person can know every settings for hardware in BIOS/UEFI. I newer heard or seen setting about "windows 8 features" in BIOS or UEFI firmware i have no idea what features UEFI or BIOS can configure for Windows 8 OS but when talking about "windows 8 features" its usually features like Metro interface or Start Screen lot more to name then all here.

"Features new to Windows 8"

http://en.wikipedia.org/wiki/Features_new_to_Windows_8

Dank Kush - April 17, 2015, 1:29 am

(Apr 16, 2015 03:54 PM)archangel.dmitry Wrote: [\[CITE\]](#) You could run a VM for one of OSes. It will avoid doing dual boot.

But I won't be able to run certain things that need a lot of resources.

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"Features new to Windows 8"

http://en.wikipedia.org/wiki/Features_new_to_Windows_8

Alrighty then. But yeah I meant secure boot.

That setting only becomes available upon activating something called Windows 8 features or something. I'll try to snap a pic of it once I get home, it's weird and I don't get it.

Also I only have 2 options for uefi

- 1) UEFI only
- 2) Legacy + UEFI

Freebooter - April 17, 2015, 3:39 am

(Apr 17, 2015 01:29 AM)Skyline R34 Wrote: [\[CITE\]](#) But I won't be able to run certain things that need a lot of resources.

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Also I only have 2 options for uefi

- 1) only
- 2) Legacy + UEFIIf you want to install 32-bit version of Windows 7 then boot the laptop or PC in a BIOS-compatibility firmware mode by enabling "Legacy + UEFI" mode also disable Secure Boot. If you want to install and dual boot 64-bit version of Windows 8 OS and 64-bit version of Windows 7 OS then enable "UEFI" mode and disable Secure Boot. With RUFUS software create UEFI/GPT Windows 7 bootable USB drive.

"RUFUS"

<https://rufus.akeo.ie/>

Polymath 1.0 - April 17, 2015, 8:31 pm

If your HD is GPT partitioned then you MUST use an x64 Windows 7 installer image as only the 64bit version of Windows supports UEFI booting and UEFI booting is mandatory with a GPT HD

layout. NOTE the 32bit version of Windows 7 supports ONLY BIOS booting and BIOS booting demands an MBR partitioned HD layout. DO NOT change the HD layout to MBR however as doing so will irrecoverably destroy ALL current HD data such as your Windows 8 and any manufacturer supplied hidden restore partitions. Rather get an x64 copy of Windows 7 and use Rufus <https://rufus.akeo.ie/> to create an UEFI compatible boot structure on your USB Flash drive as well as the Windows 7 .iso image. As well the USB port from which you boot the Flash drive MUST be USB 2.0 as the Windows 7 installer does not support USB 3.0 out of the box and requires additional drivers slipstreamed into the Windows 7 image if you try to use USB 3.0 ports. You can leave the BIOS setup as UEFI booting but disable Secure Boot also sometimes referred to as Safe boot in the options

Take care