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Hackintosh catalina install guide

tldr; Hackintosh Guide to Catalina on my custom built PC 16GB USB Drive OSX Catalina from the App Store 🖐 a lot of patience N'XT Tempest 210 case GIGABYTE GA-87X-D3H motherboard Intel Core i5-4670K Haswell 3.4G Hz Intel HD Graphics 4600 1536 MB 16GB 1600 mHz DDR3 memory Corsair CX500 Power (2)256 SSD and 1TB HD It is hard to believe that this build has been since January 2014 and is still running great. Hackintoshes are very picky with equipment, so make sure you choose wisely. Tonymacx86 Buyers Guide is a great resource to choose from guaranteed worker builds. Step one: Make Catalina Bootable USB (Mac Approved Way) a great video explaining the process you will need to have a copy of Catalina from the App Store. The USB drive format on MacOS Extended (Journaled). Install the guiD Partition Map and call it USB. Open terminal and run: sudo/Applications/Install\ macOS\ Catalina.app/Contents/Resources/createinstallmedia-nointeraction--downloadassets-volume/Volumes/USB/🖐 this process takes some time (as well as very long, maybe 15-30 minutes), so get a coffee step two: Clover Configuration on your USB Clover configuration is a two-part process. You'll have to do this once on USB Drive and then again to install the drive after installation. Get clover and your kexts (drivers for Mac) Minimal extras for my build IntelMausiEthernet 2.5.0 Apple ALC Sound Most of them email files so extract them and look for file extension .kext. USB Drive Config Had some problems with the clover on my MacBook Pro, so I followed this guide to disable SIP FIX: Click on the Apple symbol in the bar menu. Click Reboot... Hold Command-R to reboot to recovery mode. Click Utilities. Choose The Terminal. Bring 'csrutil disconnect'. Click Return or Type on the keyboard. Click on the Apple symbol at the Menu Bar. Click Reboot... Make sure you re-sip after you're done, running the csrutil allow you to reverse the process above to make sure your USB drive is inserted. Run clover_version_rev that you downloaded. On the Choose Destination tab, click on the Change the location of the installation button. Choose USB Flash Drive. Now click on the customization option on the installation type tab. Copying files into the EFI section on Hackintosh macOS Catalina USB Installer opens the EFI section (location: /Volumes/EFI/), and then goes to EFI, then to CLOVER. Then go to the kexts folder, then to the others. You must be in the catalog /Volumes/EFI/CLOVER/kexts/Other/. Here you want to drop in the necessary Kexts as well as any other Kexts you need for your system. Step three: Install macOS Catalina from the new USB Boot download from your new USB Drive (to usb2 port). Enter the o menu and type -lilubetaall on the Boot Args option, then return the download from the macOS Intall option and when it loads, go to Utlity and format SSD for APFS. Install catalina macOS. During the time The macOS process will reboot several times. Be sure to choose a boot from Catalina if it hasn't been selected step four: Once installed now you'll need to make Clover EFI steps again, but this time for your new Catalina SSD. Follow the same steps as step 2, but choose Catalina SSD rather than USB Drive. GUIDE Credits - Create Catalina 10.14 Hackintosh USB Installer The next version of the Mac operating system - currently in public beta with the final consumer version scheduled for release this fall - is macOS 11 Big Sur. Since this version of macOS still contains bugs, even on Macs, it's best to wait for the final release, but preliminary guides to installing this version of macOS on PC include: Install macOS Big Sur on supported PC with clover - an experimental guide to installing macOS Big Sur (macOS 11) on compatible PCs using tonymacx86 well-regarded Clover boor. Installing macOS Big Sur on supported PCs with OpenCore is an early guide to installing macOS Big Sur (macOS 11) on compatible hardware from Clover and Chameleon rival OpenCore (Dortania). If you haven't used this installation method before, you may also find this generic Start to Work with OpenCore guide useful. Installing macOS Big Sur on AMD Ryzen - A real guide to installing and troubleshooting will help install macOS Big Sur (macOS 11) on AMD Ryzen-based Hackintosh with Open Core. Install macOS Big Sur on VMWare, a rough guide to installing macOS Big Sur (macOS 11) on a Mac-operated VMWare virtualization software. Please note that the official macOS Big Sur (macOS 11) hardware support is more limited than for catalina macOS 10.15, which was before it. Make sure to check the hardware compatibility before upgrading the old Hackintosh to this version of macOS or buying parts for a new computer. The current version of the Mac macOS 10.15 Catalina operating system. Useful guides for installing this version of macOS on PCs include: Install Catalina's macOS on supported PCs - a detailed guide to installing catalina macOS on some PCs of well-regarded tonymacx86 using Unibeast's own website and MultiBeast software. The site also has instructions on cleaning kexts after installation, how to go directly to catalina macOS from macOS Mojave on the old Hackintosh, and covers macOS 10.15.0 (supplement), 10.15.1, 10.15.2, 10.15.3, 10.15.4, 10.15.4 (additional), 10.15.5 (Additional), 10.15.6 and 10.15.6 (Additional) updates, also. Install macOS Catalina on supported PCs (Clover) - a quick guide to installing macOS Catalina on some PCs with clover. Equipment Choice and Catalina Installation - A useful guide to the choice of equipment, as well as the process of installing catalina macOS using clover. Install macOS Catalina on Dell Optiplex 7010/9019 - Detailed guide to installing catalina macOS on these tower towers uniBeast. Install macOS Catalina on gigabyte No390 Aorus Pro - a detailed guide to installing this motherboard, complete with many useful screenshots. Install macOS Catalina on the gigabyte No.390 M Gaming Boards - Focused on games like installing macOS Catalina with clover, and have it work reliably on this type of motherboard. Create a macOS Catalina USB Install Drive, a useful post from 9to5Mac, complete with screenshots to create a USB installer for macOS Catalina. Pc update from macOS Mojave in Catalina - archive from Floppyblog (no longer online), this post covers the update procedure, as well as troubleshooting for common problems. Install macOS Catalina on VMware - How to install macOS Catalina using VMware on a Windows PC from newcomer TechsViewer. On the same site there is a guide to installing macOS Catalina on VirtualBox on Windows PCs as well. Note that the official hardware support for macOS 10.15 Catalina is modestly more limited than for macOS 10.14 Mojave, which was before it. It also completely reduces support for 32-bit apps. Be sure to check the hardware and application compatibility before upgrading the old Hackintosh to this version of the operating system or buying parts for a new one. A previous version of the mac macOS 10.14 Mojave. In addition to more limited hardware support, later versions of macOS don't run 32-bit apps at all, so this version might be preferable if you have older programs. A number of useful tutorials for Mojave include: Install macOS Mojave on a supported PC with clover - How to create a macOS Mojave USB installation from the famous tonymacx86 using the site's own clover app. The site also has troubleshooting help, like installing third-party kexts, and covers macOS 10.14.1, 10.14.2, 10.14.3, 10.14.3 (Supplement), 10.14.4, 10.14.5, 10.14.6, 10.14.6 (Supplement 2) Updates, also. Install macOS Mojave on supported PCs with UniBeast - How to install and customize macOS Mojave with UniBeast and MultiBeast, also from tonymacx86. Create macOS Mojave 10.14 USB Installer - How to create an installation drive from iDownloadBlog's macOS Mojave 10.14 app. Drive format with Mojave to install Mojave - How to format the disk to install macOS 10.14 Mojave from the esteemed Mac Observer. Installing macOS Mojave Step by Step - If the official guide wasn't enough, this step-by-step guide to installing macOS 10.14 Mojave from newcomer TechHowdy might help. Install macOS Mojave on VirtualBox in Windows - How to install macOS 10.14 Mojave in the VirtualBox virtualization environment for testing on Windows PCs. Touch Screen Hackintosh Laptop Set - How to Make a HP laptop in Hackintosh with clover and other tools. Asus Gaming Hackintosh - all working guide for Asus No 390-I based Hackintosh aims at Update directly on macOS Mojave - Covers how to upgrade directly from macOS High Sierra to macOS Mojave. Keep Mojave Hackintosh Up-to-Date - a simple upgrade method from version to version of Mojave courtesy of Dave Jansen. Please note that the official macOS 10.14 Mojave hardware support is more limited than the macOS 10.13 High Sierra that preceded it. Be especially sure to check the hardware and application compatibility before upgrading the old Hackintosh to this version of the operating system or buying parts for a new one. In addition to potential hardware compatibility issues, you may also have 32-bit apps that don't work, or don't work well with new versions of macOS and macOS 10.13 High Sierra may be preferable. The quality of Hackintosh tutorials for High Sierra include: Install macOS High Sierra on supported PCs - How to install macOS 10.13 High Sierra on a supported computer from the famous tonymacx86 using the site's own Unibeast app. The site has troubleshooting assistance and hardware recommendations for building your own system as well. It covers macOS 10.13.1, 10.13.2, 10.13.3, 10.13.4, 10.13.5 and 10.13.6 updates, too. MacOS High Sierra update directly on supported PCs - How to upgrade to macOS 10.13 High Sierra on any compatible PC using the Clover app, also from tonymacx86. Install macOS High Sierra on coffee lake's motherboard - How to install macOS 10.13 High Sierra on a gigabyte Of 370-HD3P with Multibeast. Install macOS High Sierra on Skylake-X/X299 Motherboard - How to install macOS 10.13 High Sierra on these high performance motherboards. Includes hardware recommendations, too. Install the macOS High Sierra on the HP 6300 Pro/HP 8300 Elite - a detailed guide to how to install macOS 10.13 High Sierra on these affordable, highly compatible tower PCs using the Unibeast app. Install macOS High Sierra on Lenovo Y50, an updated guide to installing macOS 10.13 High Sierra on this Lenovo laptop with the Clover app. Install macOS High Sierra on the Intel NUC6 mini-computer - a guide to installing macOS 10.13 High Sierra (or Sierra or El Capitan) on these computers using a collection of automated scripts. Install macOS High Sierra with clover - If the official tutorial isn't enough, this quality tutorial from the well-established Mac Watch site may be exactly what you need. The same author also covers the hardware components he chose for his Hackintosh, which he called Valtur. Hackintosh High Sierra Update, Painless Way - How to upgrade from one version of macOS High Sierra to another with troubleshooting suggestions if it doesn't go smoothly, as well as from mac Observer. Macos Sierra USB Installer is an easy-to-follow tutorial to create a USB download installer for macOS High Sierra using the esteemed DiskMaker X app courtesy of other world computing. Please note that the official MacOS 10.13 High Sierra support is the same as the macOS 10.12 Sierra that was before it, although not all macs support accelerated HVEC hardware. For maximum performance, be sure to confirm the compatibility of the equipment with HVEC before purchasing parts. While the official compatibility of macOS 10.13 High Sierra hardware is the same, you may want your Hackintosh to run macOS 10.12 Sierra for compatibility with specific third-party software like Office for Mac 2011. The quality of Hackintosh tutorials for Sierra include: Install macOS Sierra on supported PCs - How to install macOS 10.12 Sierra on any supported PC with the legendary tonymacx86 using unibeast's own app site. The site has troubleshooting recommendations if the installation isn't working properly as well. It covers macOS 10.12.1, 10.12.2, 10.12.3, 10.12.4, 10.12.5 and 10.12.6 and updates, too. Os X El Capitan to macOS Sierra - A brief tutorial on the Hackintosh update running OS X El Capitan (10.11) to macOS Sierra (10.12) with the Clover app. Install macOS Sierra on PC Guide - If the official tutorial isn't sufficient, this quality tutorial from the long-term Microsoft-focused site Redmond Pie also covers how to install microsoft Sierra on your PC using Unibeast. Install macOS Sierra on Hackintosh - a short tutorial from newcomer Fitzweekly that explains how to use the clover tool to install the macOS Sierra. The creation of the GTX 1080 Ti-Powered Hackintosh is an in-depth two-family tutorial that covers the choice of equipment with a focus on video editing as well as the macOS Sierra installation. Watch the corresponding video below, too. (No) No, no, no, always up to date Hackintosh Guide - a noble effort to write an always-informed guide to creating Hackintosh from Lifehacker. Ironically, it is not up to date, but it covers the selection of equipment and construction as well as the installation of the macOS Sierra. Create a DIY Mac mini - From Macworld, the personal experience of the author of creating a small PC and installing macOS Sierra using other tutorials. macOS Sierra USB Installer is a simple tutorial to create a USB boot for macOS Sierra using the well-known DiskMaker X app courtesy of Other World Computing. Two ways to create macOS Sierra Thumb Drive are an archival tutorial from The Verdict (no longer online) that explains how to create a macOS Sierra USB boot drive for Hackintosh with terminal and clover. Building Hackintosh Pro is an archive of a useful tutorial to create a powerful Hackintosh desktop tower by Dan Counsell. It includes a selection of hardware and a basic installation of software alike. Official macOS hardware support Sierra is more limited than the OS X 10.11 El Capitan that was before it. Be especially sure to check the compatibility before upgrading the old Hackintosh to this version of the operating system, too. Because hardware For macOS Sierra (10.12) is more limited than OS X 10.11 El Capitan, you can have hardware that is not compatible with later versions of macOS, but it is compatible with this version. The quality of Hackintosh tutorials for El Capitan include: Install OS X El Capitan on supported PCs - How to install OS X 10.11 El Capitan on any supported PC with the legendary tonymacx86 using Unibeast 6's own website software tool. The site has troubleshooting recommendations if the installation doesn't go smoothly, either. It covers OS X 10.11.1, 10.11.2, 10.11.3, 10.11.4, 10.11.5 and 10.11.6 updates as well. The update from OS X Yosemite to El Capitan is a simple tutorial to update directly from OS X Yosemite (10.10) to OS X El Capitan (10.11) using the Clover software tool. Install OS X El Capitan with Chameleon - a basic tutorial for installing OS X El Capitan (10.11) using the Enoch version of the older Chameleon loader. Install OS X El Capitan on PC with Unibeast - If the official tutorial from tonymacx86 is not as easy to follow as you would like, you may prefer this installation guide from MacBreaker, which includes step-by-step instructions for using the process. Install OS X El Capitan on a PC with Multibeast 8 - a step-by-step installation guide with easy-to-follow screenshots also from MacBreaker. Install OS X El Capitan on PC Tutorial - Another quality tutorial to install OS X El Capitan on a compatible PC with a long term Microsoft-focused site Redmond Pie. Building My US$1200 Hackintosh is a long tutorial for selecting equipment and installing OS X El Capitan, as well as evaluating the performance written from the designer's perspective. Double download OS X El Capitan and Windows on PC - How to install OS X El Capitan and Windows on individual hard drives on your Hackintosh for non-wantable work. Create Bootable OS X El Capitan Thumb Drive - a detailed tutorial from ArsTechnica that covers how to create a download OS X El Capitan USB flash drive for Hackintosh (or Mac) using the Disk Maker X app. Please note that while the official hardware support for OS X 10.11 El Capitan is extensive, support for specific features such as support for advanced graphics technology is more limited. If Metal (or other specific feature) is of critical interest to you, make sure it can work with the desired hardware before you purchase the hardware. While the official compatibility of OS X 10.11 El Capitan hardware is the same, you may want your Hackintosh to launch OS X 10.10 Yosemite for compatibility with specific third-party hardware or software. Hackintosh quality tutorials for Yosemite include: Install OS X Yosemite on supported PCs - How to install OS X 10.10 on any supported PC from tonymacx86 using its own Unibeast site and Multibeast software tools. For those interested in a more detailed understanding of understanding process, the same site also provides a tutorial on installation using a clover. It covers OS X 10.10.1, 10.10.2, 10.10.3, 10.10.4 and 10.10.5 updates, too. OS X Mavericks update for Yosemite - a guide to the Hackintosh update runs OS X Mavericks on OS X Yosemite from tonymacx86 via Unibeast and Multibeast. Install OS X Yosemite on PC with Unibeast and Multibeast 7 - If the official guide above is to install OS X Yosemite on your computer with tonymacx86 in Unibeast and Multibeast isn't quite what you'd like, try these tutorials from MacBreaker complete with extensive screenshots of the entire installation process. Install OS X 10.10 Yosemite Hackintosh installation guide for beginners from the current InsanelyMac member forum. Also see the All-in-One Guide from another useful forum user. Forum posts from ikingblack and snatch can be helpful as well. These tutorials use the Chameleon loader. Install OS X Yosemite with Yosemite - This MacBreaker tutorial provides detailed screenshots to install Distro Niresh with MacPwn, as well as a useful comparison with other OS Yosemite X installation methods. The same site covers the installation of Yosemite dystrozone in the Virtualbox virtualization kit as well. Yosemite Budget Hackintosh - This archival blog hailing from Geek Dime (now offline) covers inexpensive compatible hardware as well as the OS X Yosemite installation with a Clover EFI downloader. Install Yosemite on hp laptop - How to install Yosemite on a number of different HP laptops using Clover UEFI. Double Download Mavericks and Yosemite is an archive of in-depth guides, complete with screenshots that covers the installation of both OS X Yosemite and OS X Mavericks on selected sections of the drive. Note that while the official hardware support for OS X 10.10 Yosemite is fairly broad, support for specific features can vary widely. While the official OS X 10.10 Yosemite and even OS X 10.11 El Capitan hardware compatibility is essentially the same, you may still prefer the 10.9 Mavericks whether for software compatibility or simply because you don't like the flat interface design that OS X Yosemite introduced on the platform. The quality of Hackintosh tutorials for Mavericks include: Install OS X 10.9 Mavericks - OS X 10.9 Mavericks Hackintosh installation guide from tonymacx86 via the UniBeast app site. The site also covers OS X 10.9.1, 10.9.2, 10.9.3, 10.9.4 and 10.9.5 updates. Install OS X 10.9 Mavericks with myHack - From MacBreaker, how to install a guide for OS X Mavericks using the sophisticated myHack app. If the official guide (above) is not enough, you can also find THIS site OS X Mavericks Unibeast tutorial and its For sketchy Niresh distro is useful, too. OS X 10.9 Mavericks Installation on a gigabyte of motherboards - , how to install OS X Mavericks, as well as Lion and Mountain Lion, on the motherboard Gigabyte using the Hackinstaller script. This tutorial also includes a list of frequently asked questions that can be very useful for troubleshooting. Install OS X Mavericks in Virtualbox - From MacBreaker, explains how to install OS X 10.7 Lion via Download - a quintessential tutorial for installing downloads of OS X 10.7 Lion on PC compatible hardware using xMove and Multibeast from tonymacx86. The same site also covers the Hackintosh update to OS X 10.7.1, 10.7.2, 10.7.3, 10.7.4 and 10.7.5. Install OS X 10.7 Lion via Apple Thumb Drive, a simple tutorial for installing OS X Lion from Apple's retail USB flash drive on Hackintosh using the xMove software tool, as well as from tonymacx86. Install OS X 10.7 Lion via All-in-One Bootable USB Drive - a detailed tutorial on installing OS X Lion from a USB boot with the UniBeast tool, once again from tonymacx86. Installing Lion with Kakewalk - a step-by-step guide from MacBreaker that OS X Lion installation using Kakewalk on supported supported Hackintosh. The site offers a Lion step-by-step guide for UniBeast, too. Leo on Hackintosh - a deep and detailed post from photographer Thomas Pindelski. Covers OS X 10.7 Lion installations, workarounds, restrictions, landmarks and more. Leo at AMD Hackintosh is a step-by-step post to install OS X Lion on AMD-based Hackintosh from MacBreaker using the myHack software tool (no longer online) and selected kexts. Buying a Lion on Hackintosh is a short, but vital, post on the Mac OS X 10.6 Snow Leopard Hackintosh on Mac OS X 10.7 Lion via the App Store from always excellent Bassheadtech. Hackintosh Mini ITX Server is a useful post to create a Hackintosh Mac Mini running Mac OS X 10.7 Leo Server. Also from Bassheadtech. OS X Lion on Acer 523h and D257 Netbooks is an archival post that explains how to install OS X 10.7 Lion on these vintage netbooks from my Mac Netbook (no longer online). Note that Mac OS X 10.7 Leo does not support Rosetta and cannot run older Mac OS X software for the PowerPC processor. Those who need older programs should instead consider Mac OS X 10.6 Snow Leopard. Hackintosh tutorials for Mac OS X 10.6 Snow Leopard can be especially useful for those who needs their Hackintosh to be compatible with the software written for the PowerPC processor or for those who just do not like the iOS-ification that OS X Lion has brought to the platform: Snow Leopard Hackintosh - Written in late 2013, up-to-date and easy-to-follow guide covering the hardware configuration and Mac OS X installation for the Snow Leopard of freeHand Forum (no longer online). The Snow Leopard on Hackintosh (Second Method) is an excellent guide to installing The Mac OS X 10.6 Snow Leopard from Bassheadtech. The same blogger also offers an old step-by-step guide to upgrading Hackintosh to Mac OS X 10.6 Snow Leopard from Mac OS X 10.5.8 Leopard. Bassheadtech also covers the Hackintosh update to Mac OS X 10.6.3, 10.6.4, 10.6.5, 10.6.6, 10.6.7 and 10.6.8. Install Mac OS X Snow Leopard on Intel PC - Simple instructions using iBoot and MultiBeast tools from tonymacx86. The same site also helps to update Hackintosh on Mac OS X 10.6.3, 10.6.4, 10.6.5, 10.6.6, 10.6.7 and finally 10.6.8 with useful blogs. Ivy Bridge Snow Leopard Hackintosh - From MacBreaker, an experimental guide to installing Mac OS X 10.6 Snow Leopard on Ivy Bridge Hackintosh with iBoot Ivy Bridge software tool. The same site also provides a guide to installing an operating system on the old Sandy Bridge system. Sandy Bridge Snow Leopard Hackintosh - A six-page guide to installing Mac OS X 10.6 Snow Leopard on a purpose-built Sandy Bridge Hackintosh from RegHardware. Uses iBoot Legacy and Multibeast apps. Turning a PC into a Macintosh - archive of insightful evaluation Hackintosh experience and comparison as a result of Hackintosh on Mac Pro from BenchmarkReviews (no longer online). Snow Leopard on AMD PC - Archive of the old Mac OS X 10.6 Snow Leopard installation process on Hackintosh, as well as custom details related to the use of the AMD system from iHackintosh (no longer online). The same site also offers a list of kexts that can be helpful. Snow Leopard in VMWare - an archival guide to installing Mac OS X 10.6 Snow Leopard X software for the PowerPC processor. Those who need older programs should instead consider Mac OS X 10.6 Snow Leopard Hackintosh tutorials for Mac OS X 10.6 Snow Leopard on Mac OS X 10.7 Lion on these vintage netbooks from my Mac Netbook (no longer online). Snow leopard on Dell Mini 9, Dell Mini v10, HP Mini 1000 and HP Mini 110-3710 - Archives of detailed and easy-to-use guides from my Mac netbook (no longer online). Snow Leopard on Acer Aspire One qG5 - Another great step-by-step guide for the snow leopard on this largely compatible netbook courtesy of Bassheadtech. Snow Leopard on Dell Mini 10v - An old step-by-step guide from the Gizmodo blog for the ultimate snow leopard netbook. There are a number of Mac OS X 10.5 Leopard Hackintosh tutorials that can still be useful for those who create Hackintosh with more vintage hardware, or for historical interest, too: Hackintosh In-Depth - a fantastically comprehensive nine-part guide covering the Hackintosh from Bassheadtech. Dell Vostro A90 Netbook - A short blog from Hack Day covering the Hackintosh process on this essentially rebadged Dell Mini 9. Watch the video below too. MSI Wind Netbook - a step-by-step Hackintosh installation guide for MSI Wind from the Gear Diary blog. Acer Aspire One (A150X) - Useful posting from Fernando Colacho is the common good of a useless blog (no longer online) with the installation of directions and restrictions of the Acer netbook. Sony Vaio P Netbook - An archived collection of long gone forum posts documenting the fight to get the Mac OS X to run on the ultraslim Sony netbook. Hackintosh Guide - Hardware Choice and Mac OS X installation information from Techware Labs. Install the retail Mac OS X Leopard DVD on your PC - an archival step-by-step guide to installing from the MeNoob blog (no longer online). Building Hackintosh Apple can not sue you - Choice equipment and how to install Mac OS X 10.5 Leopard courtesy of the esteemed site OSNews. Site. how to install macos catalina on pc (complete hackintosh guide)