



| Power Management

Vishay AC/DC Power Supply Automotive

Learn more >>

[Home](#) [Buyer's Guide](#) [Installation Guide](#) [Forum](#) [Guides](#) [Downloads](#) [Rules](#) [Activity](#)
[Forum](#) → [Installation](#) → [Other Operating Systems](#) → [Multi Booting](#) →

[Guide] Dual Booting Mountain Lion and Windows 8

Results 1 to 10 of 350

Page 1 of 35 1 2 3 11 ...

[View First Unread](#)[Thread Tools](#)[Search Thread](#)

Going Bald

Moderator

Join Date: Aug 2010
 Posts: 16,040
 System: GA-X58A-UD7 Rev.1 BIOS F7
 CPU: i7-920
 Graphics: Sapphire HD5770
 Online:



04-13-2013, 10:48 AM

#1

Installing UEFI for Windows 8 and dual booting with Mountain Lion can't be done using Chimera / Chameleon as the boot loader - they cannot see the Win8 boot files partition.

No matter how you install them, the first thing you need to do is boot to BIOS and make settings for OS X install, AHCI, SS3, HPET 64 bit, etc. as required - save & exit & continue boot. For specific BIOS settings refer to your mainboard manual or to one of the many threads in User Builds or Golden Builds forums. Most give BIOS settings and MultiBeast settings.

EDIT: While the title says Windows 8 and Mountain Lion, it works the same with Windows 7 and Mavericks or Yosemite.

Installing on separate drives. (Recommended method)

When installing on separate drives, installation order does not matter. Start with either one.

Installing Mountain Lion

Disconnect all drives except the ML drive-to-be.

On a factory blank drive, use disk utility in the OS X installer to format it GUID and partition the drive as you wish with Mac OS Extended (Journaled) for your boot partition.

Note that drives larger than 1Tb still need a boot partition of less than 1Tb.

Installing on a used, re-purposed drive I like to zero it out first. In the ML installer disk utility, first select the drive in the left pane and the Erase button in the right pane. Click on the Security button and move the slider to write 1 pass zeros. This will take a while to complete depending on the size of the drive, so if your drive is 2Tb and you don't have a couple of hours to wait, then skip this step. Just partition the drive as you wish and procede.

Once your drive is partitioned, use UniBeast to install OS X. Run MultiBeast to get your post install kexts added for your mainboard.

See <http://www.tonymacx86.com/61-unibeas...-based-pc.html>

Installing Win8

Disconnect all drives except the Windows 8 drive-to-be.

When you boot Win8 install DVD on a UEFI BIOS mainboard, Win8 wants to install UEFI. Unfortunately, if it does this Chimera/Chameleon can't "see" the boot files. There are at least 2 ways to prevent this. One way, when you boot with the install DVD in the tray, hit F8/F11/F12 or whatever the Function key is that allows you to select a boot device during the BIOS POST. You will find that your DVD shows up twice - once as SATA and once as UEFI. Choose the SATA. You do not want the UEFI. Another is to disable UEFI in the BIOS. Some BIOSes have an option for boot mode with the selections: Legacy, Legacy or UEFI, UEFI. Selecting the Legacy option forces non EFI installation.

For a complete install to use all of the Win8 features (recommended), at the select partition screen of the installer, delete all of the partitions, select the unallocated space and click Next. The installer will take it from there.

See [http://www.eightforums.com/tutorials...a.html?filter\[2\]=Installation%20and%20Setup](http://www.eightforums.com/tutorials...a.html?filter[2]=Installation%20and%20Setup)

Note: If you do not want the System Reserved partition, then pre-format the drive with the C-partition-to-be MSDOS FAT with OS X disk utility, then format it NTFS when in the Win8 installer or use your favorite 3rd party disk management tool to partition it NTFS, then install Win8.

When you have both your ML and Win8 installed, shutdown, connect all drives, boot to BIOS and make the OS X drive first in HDD boot order.

At the Chimera timeout screen you can hit a key to select the System Reserved icon, you can change the string value of the Timeout key in org.chameleon.boot.plist to 0 seconds (effect is same as Instant Menu) or you can install Instant Menu and it will wait at the boot screen for you to select an OS to boot.

If you installed without the System Reserved partition, just boot with the Windows NTFS icon.

With Windows installed, if I installed OS X first, I usually boot OS X and run the Chimera installer again. Now that the Chimera installer sees you have a Windows drive, it installs the bootMD instead of bootIH.

Installing Win8 and Mountain Lion on the same HDD

After partitioning your HDD in OS X disk utility (or your favorite 3rd party disk management tool), you can install Mountain Lion and Win8 on the same HDD in any sequence and order:

Install Win8 first on first partition and then Mountain Lion on later partition

Install Mountain Lion first on first partition and then Win8 on later partition as long as it is one of the first 4 partitions (including the OS X EFI partition).

Install Win8 first on the second or third partition and then install OS X on the first partition

Install OS X first on the second or later partition and then install Win8 on the first partition

To install Win8 first to the first partition:

1. Boot UniBeast to the OS X installer and format the HDD with this scheme:

GUID partition tables

first partition - for Win8, size as desired, MSDOS FAT

second partition - for Mountain Lion, size as desired, Mac OS Extended (Journaled)

any other partitions you want, size as desired, format as desired

2. Once partitioning is complete, exit installer and reboot with the Win8 install DVD in the tray.

3. At the install screen, select the first partition after the 100Mb EFI partition and click on advanced button, then format, then continue and install Win8 to the first partition.

4. Run Windows update.

5. Install security suite and other apps. Basically get it working well.

Something you might also want to consider if installing on a SSD is installing your user / app data files to a separate HDD while in the process of installing Win8 - see <http://www.eightforums.com/tutorials/tion-disk.html>

Or, as an alternative to this rather involved procedure, add another drive/partition to the Libraries and make this drive/partition/folders the default save destination for all of your apps.

Once you have Win8 to your liking, boot with UniBeast and install OS X Mountain Lion to the second partition. Update to latest version and run MultiBeast, either EasyBeast or UserDSDT/DSDT Free, selecting the other kext files you need for your board.

Something you might also want to consider if installing on a SSD is installing your user / app data files to a separate HDD - see <http://lnx2mac.blogspot.com/2010/09/...partition.html>

If you want, reverse the procedure above and change the HDD/SSD format to OS X first and Win8 second. Then install either one first and the other second. One thing to keep in mind is if you install Mountain Lion first, then install Win8, the Win8 installer overwrites the boot files. You will need to boot with UniBeast or rBoot and re-install Chimera. You might also, depending on your HDD (those with Boot0 error problems), need to clone your OS X install to another drive, boot the clone and install Chimera to the original from the clone.



5erg

Join Date: Apr 2013
Posts: 16
System: Win 8, Mountain Lion
CPU: i5-2500k @ 4.3
Graphics: EVGA 670 Sig 2
Online:

04-13-2013, 06:19 PM

#2

I went for the 2nd option of installing Win 8 and OSX on the same drive and can confirm that it works without a hiccup. Installed OSX first, then Windows 8. Booted OSX with a UniBeast USB drive to install Chimera as it was overwritten by Win 8 and happy days. Thanks for the guide!

”
quote



oliversl

Join Date: Feb 2012
Posts: 21
System: Intel DH61WW
CPU: i5-2400 Sandy Bridge
Graphics: Xfx Nvidia 8600GT
Online:



04-22-2013, 09:53 AM

#3

It seems that if you create only 2 partition on the drive for dual boot and there is no space left:
- OSX could not create the recovery partition
- Windows 7/8 will not create a special EFI partition called MSR, if you boot in UEFI mode when installing Windows.

Is there any workaround?

Thanks
Oliver

”
quote



RehabMan

Moderator

Join Date: May 2012
 Posts: 74,234
 System: Intel DH67BL
 CPU: Core i7-2600K
 Graphics: Intel HD 3000
 Geekbench Score: 11641
 Online:



Originally Posted by **oliversl**

It seems that if you create only 2 partition on the drive for dual boot and there is no space left:
 - OSX could not create the recovery partition

Don't know anything about OSX recovery partitions. Most people use Unibeast USB or second partition with OSX installed for 'recovery'..

- Windows 7/8 will not create a special EFI partition called MSR, if you boot in UEFI mode when installing Windows.

I think the intention is to install in *legacy*/BIOS mode, such that you can use Chimera/Chameleon to choose which OS to boot at startup. Chimera/Chameleon cannot boot a Win 7/8 UEFI install.

Laptop#0: (Clover) HP ProBook 4530s XU015UT, i3-2310m, AR5B195, BIOS F.50a: OS X 10.10.4/Win81
 Laptop#1: (Clover) HP ProBook 4540s D8C12UT (1080p), i5-3230m, BCM94225HMB, BIOS F.50a: OS X 10.10.4/Win7/Win81
 Laptop#2: (Clover) Lenovo U430 Touch, i7-4500U, BCM94352HMB: OS X 10.10.4/Win81
 Desktop#0: (Clover) DIY Intel DH67GD, Core i7-2600K, Dell U3011+U2001FP: 10.10.4/10.7.5/Win81/Win10tp
 Desktop#1: (Clover) Gigabyte BR1X GB-BXi5H-4200, i5-4200U, BCM94352HMB: OS X 10.10.4[WIP]
 Projects || Blog



quote



bkuch



Join Date: Apr 2013
 Posts: 29
 System: ASUS P8Z77-WS
 CPU: i7-3770K
 Graphics: EVGA GTX 680 SC Signature
 TWO 2048MB GDDR5

Geekbench Score: 16000

Online:



I think it's worth mentioning that if wanting to install OSX and Win 8 on two separate hard drives, Windows cannot be installed on a partition that is on a large 3 TB hard disk (as in my case, might be even >2 TB) with a GUID partition table (GPT). This is due to not being able to use UEFI installation. Non-EFI requires MBR partition table.

CustoMac Pro i3770K + ASUS ... Other - i7 3770K - GeForce GTX 680



quote



Going Bald

Moderator

Join Date: Aug 2010
 Posts: 16,040
 System: GA-X58A-UD7 Rev.1 BIOS F7
 CPU: i7-920
 Graphics: Sapphire HD5770
 Online:



Originally Posted by **bkuch**

I think it's worth mentioning that if wanting to install OSX and Win 8 on two separate hard drives, Windows cannot be installed on a partition that is on a large 3 TB hard disk (as in my case, might be even >2 TB) with a GUID partition table (GPT). This is due to not being able to use UEFI installation. Non-EFI requires MBR partition table.

Any HDD over 2Tb should be formatted with GUID partition tables as the MBR scheme is limited to 2Tb. Any Windows MBR boot partition therefore, should be smaller than 2Tb. You can only install Windows on GUID if you install it EFI. But if you do this, Chimera/Chameleon can't boot it. You would have to use Clover or some other bootloader.

Unless you like to keep a lot of data in your Windows folders, the Windows partition should really be limited to 100-120Gb, IMHO. Best if it is on a SSD all by itself rather than on a platter disk.

GA-X58A-UD7-1.0 i7-920 Sapphire HD5770, 12G Corsair DDR3-1600

quote

05-07-2013, 08:20 PM

#7



SnowLion



Join Date: Mar 2013
 Posts: 38
 System: GA-Q77M-D2H
 CPU: i7 3770K
 Graphics: Intel HD4000
 Online:



Am I right to assume this would also work using Windows 7 instead of Windows 8?

Snowlion - Desktop: GA-Q77M-D2H - i7 3770K - HD 4000

quote



Going Bald

Moderator

Join Date: Aug 2010
Posts: 16,040
System: GA-X58A-UD7 Rev.1 BIOS F7
CPU: i7-920
Graphics: Sapphire HD5770
Online:



05-07-2013, 08:49 PM

#8

Yes, same principle.

GA-X58A-UD7-1.0 i7-920 Sapphire HD5770, 12G Corsair DDR3-1600



quote



Mak1702

Join Date: May 2013
Posts: 57
System: OS X 10.8.3 Mountain Lion
CPU: Intel Core 2 Duo @2.60 GHz
Graphics: Gigabyte GeForce GT640
Geekbench Score: 4567
Online:



06-19-2013, 03:01 AM

#9

Originally Posted by **Going Bald**

Yes, same principle.

Sorry, I broke the rule.



quote



Timelord83-

Join Date: Jan 2012
 Posts: 3
 System: AMD 8Core
 CPU: Amd FX-8150
 Graphics: nVidia GTX550
 Online:



Originally Posted by **Going Bald**

Installing Win8 and Mountain Lion on the same HDD[/B][/SIZE]

After partitioning your HDD in OS X disk utility (or your favorite 3rd party disk management tool), you can install Mountain Lion and Win8 on the same HDD in any sequence and order:

Install Win8 first on first partition and then Mountain Lion on later partition

Install Mountain Lion first on first partition and then Win8 on later partition as long as it is one of the first 4 partitions (including the OS X EFI partition).

Install Win8 first on the second or third partition and then install OS X on the first partition

Install OS X first on the second or later partition and then install Win8 on the first partition

To install Win8 first to the first partition:

1. Boot UniBeast to the OS X installer and format the HDD with this scheme:

GUID partition tables

first partition - for Win8, size as desired, MSDOS FAT

second partition - for Mountain Lion, size as desired, Mac OS Extended (Journaled)

any other partitions you want, size as desired, format as desired

2. Once partitioning is complete, exit installer and reboot with the Win8 install DVD in the tray.

3. At the install screen, select the first partition after the 100Mb EFI partition and click on advanced button, then format, then continue and install Win8 to the first partition.

So i did this and Windows 8 will not install to the partition it claims it couldn't create a new partition or locate an existing one... I made it 3 partitions 2, 100gb one for windows and one for osx108, and left the third one as empty space for incases. But it will not install to the partition any thoughts? I used the OSX installer to make the partition layout and it is GUID.. another note the Dirve0 Partition 1 the efi is 200mb not 100mb like ur note. Also going to add i am doing this all on a Dell XPS M1530 which to my knowledge doesn't support UEFI



Similar Threads:

[Dual Booting Windows 7 and Mountain Lion](#)

[Dual Booting with Mountain Lion and Windows](#)

[Installing and dual booting Windows 8 and OSX Mountain Lion](#)

[Dual Booting Mountain Lion and Windows 7](#)

[Dual booting Windows 8 and Mountain Lion](#)

Page 1 of 35 1 2 3 11 ...



Quick Navigation Multi Booting Top

Forum → Installation → Other Operating Systems → Multi Booting →

[Guide] Dual Booting Mountain Lion and Windows 8

Tags for this Thread

can i use iboot?

[View Tag Cloud](#)



Overviews of oscilloscope architecture, key controls, and more
FREE OSCILLOSCOPE E-BOOK

DOWNLOAD

New to using oscilloscopes or just want
 a quick "refresher" on interpreting their specs?

Tektronix
 The World's Standard
 in Oscilloscopes



Forum

The Build
 Installation
 Post Installation
 The Workshop
 The Tools

Guides

Start Here!
 10.10 Installation
 10.10 Clover Guide
 10.9 Installation
 10.8 Installation

Downloads

Downloads Index
 DSdT

+

Albums
 Videos
 Shop
 CustoMac.com
 MultiBeast.com



tonymacx86.com

[Home](#)

[Activity](#)

[Rules](#)

[Contact Us](#)

[The Clubhouse](#)
[Infinite Loop](#)
[Laptops](#)

[10.7 Installation](#)
[10.6 Installation](#)
[GuideBeast](#)
[Fix iMessage](#)

[UniBeast.com](#)

Design & Content Copyright ©2010-2015 tonymacx86 LLC
[Privacy Policy](#) | [Rules](#) | [Terms and Conditions](#)