



[Guide] Lenovo ThinkPad T440

Tags: [clover](#) [high sierra](#) [hotpatch](#) [lenovo](#) [t440](#) [thinkpad](#) [uefi](#)

[Watch Thread](#)

Feb 11, 2018 at 9:20 AM

Sniki



Overview

Welcome to my Lenovo Thinkpad T440 guide, this guide is based on the latest macOS High Sierra. for the macOS Sierra guide, you can click the link down below to go to my Lenovo Thinkpad T440 macOS Sierra guide: <https://www.tonymacx86.com/threads/guide-lenovo-thinkpad-t440.245561/> This laptop is a solid Hackintosh machine since it offers almost 100% real MacBook Experience & Functionality. The entire guide is based on Hotpatch ACPI patching method via UEFI Clover and [@RehabMan](#) fork of Clover Bootloader.

Note: i don't own a Lenovo Thinkpad T440 laptop, the entire guide is build based on T440 users that requested help on my existing guides for other Thinkpad laptops & tonymacx86 forums. Lenovo Thinkpad laptops are similar on hardware with each other but on ACPI structure, they have small enough differences that require a whole different guide for the other model. (specific example is Lenovo Thinkpad T440 ; Lenovo Thinkpad T440P ; Lenovo Thinkpad T440S) Although they are very similar, i needed to create specific guide & files for each other so everyone can have a working one.

My laptop Specs (Lenovo Thinkpad L440)

Intel HM86 Series Chipset.
Intel Core i7 4700MQ 2.4GHz (Turbo Boost up to 3.4GHz).

Intel HD4600 Integrated Graphics.
8GB Ram (DDR3) clocked at 1600MHz
Realtek ALC3232 Audio Codec
FHD IPS Display Panel "B140HAN01.3" (Upgraded, OEM was 1366x768 LCD)
DW1560 Wireless/Bluetooth Card "BCM94352Z" (Upgraded, OEM was Intel AC7260)
Lenovo Thinkpad T460 Touchpad with "Physical Buttons" (Upgraded, OEM was flat surfaced)

Upgrades

BCM94352Z Wireless / Bluetooth Card:

<https://www.aliexpress.com/item/BCM...32487923741.html?spm=2114.13010608.0.0.CuOUjG>

IPS FHD "1080P" Display Panel (B140HAN01.3):

<https://www.aliexpress.com/item/Ori...32617060415.html?spm=2114.13010608.0.0.ak8RR8>

Thinkpad T460/T560 Trackpad:

<https://www.aliexpress.com/item/For...32427424309.html?spm=2114.13010608.0.0.k2vYwc>

Lenovo ThinkPad T440 Guide

What doesn't work / Partially works

As far as reported from T440 users, everything else is working fine except of these issues that i listed down below:

D-SUB/VGA Port

Might be able to make it work, so far haven't seen a HD4200/4400/4600 available patch for it, also something that i didn't have time to experiment with, might attempt a fix/patch when i get some time to play with it, but not important for me at all.

TrackPoint

The Trackpoint does work very well with the Tluck fork of VoodooPS2Controller.kext since it has support for it, but there's a rare issue where the trackpoint doesn't work on some cold boots, a restart or two should fix it.

Will check Synpatics documentation when i get time for it to see if i can fix it or propably will be fixed by an update from Tluck.

PCI Card Reader

There is a development going on for PCI Card Readers on Insanelymac forums from Sinetek, there's a working kext which works decently, except that it has an issue where if laptop sleeps, the kext stops working and the Card Reader doesn't work anymore, a restart of the laptop should fix it and avoiding letting it sleep.

For more information follow the development thread below, i will update the attached kext & guide if a change happens.

<http://www.insanelymac.com/forum/topic/321080-sineteks-driver-for-realtek-rtsx-sdhc-card-readers/>

Precautions

These laptops have the so called WHITELIST which restricts using another Wireless/Bluetooth Card, in order to install supported Wireless / Bluetooth Card you are required to do a BIOS Mod in order to bypass that.

Whitelist Removal

In order to remove whitelist you will need to buy these tools which they are really cheap, also you are required to disassemble your laptop so you can reach the EEPROM chip for Bios Dump ; Sent Patch Request ; Erase ; Write new Modded Bios

Tools required:

- CH341a Flash Programmer
- SOIC8 Test Clip

After you received the tools, assuming you disassembled your laptop you have to Dump your current Bios which you should do a backup of it just in case something goes wrong, you can revert it back to normal.

You zip the Bios Dump and sent to the forum: <https://www.bios-mods.com>

Specifically for more details go to: <https://www.bios-mods.com/forum/Thread-Guide-Whitelist-remove-for-2014-Lenovo-thinkpad>

You should request for:

- Whitelist Removal
- Unlock Advanced Menu

For me someone Answered in 30min with a BIOS Mod, after you receive the mod Erase the EEPROM and Write the New Bios Mod
Install new Wireless Card and you are done !

BIOS

- Disable Security Chip
- Disable Anti Theft Module
- Disable TPM

All of these settings if left enabled will cause problems with the macOS and especially with sleep, in order to have a fully functional setup you are required to disable those settings in BIOS.

Special note regarding Clover Bootloader

Recently RehabMan added his own fork of Clover Bootloader into his Github, which does include a lot of ACPI Patching changes / fixes / added features that makes hotpatching ACPI much more easier.
In result: Rehabman Fork of Clover bootloader is recommended by default now, if you want to use this guide and the files on my guide you have to use his Clover Bootloader.

Link to his Fork of Clover Bootloader:
<https://github.com/RehabMan/Clover>

Link to his Prebuilt Clover Installer:
<https://bitbucket.org/RehabMan/clover/downloads/>

Creating USB Installer

Everything is covered at Rehabman guide on how to create a USB Installer, go read his guide first then come back here to continue with the creation of USB Installer. Link to his guide:
<https://www.tonymacx86.com/threads/guide-booting-the-os-x-installer-on-laptops-with-clover.148093/>

- Download latest MacOS High Sierra from AppStore
- Download Latest Clover Bootloader
- Create Installer USB

Clover Bootloader installer options to choose:

- Install for UEFI Booting Only
- Install Clover in ESP
- Drivers64UEFI > OsxAptioFixDrv-64

Into EFI/Clover/kexts/Other add these kexts since they will be mandatory for macOS Installation:

- VoodooPS2Controller.kext: <https://github.com/RehabMan/OS-X-Voodoo-PS2-Controller>
- FakeSMC.kext: <https://github.com/RehabMan/OS-X-FakeSMC-kozlek>
- IntelMausiEthernet.kext: <https://github.com/RehabMan/OS-X-Intel-Network>
- ACPIBatteryManager.kext: <https://github.com/RehabMan/OS-X-ACPI-Battery-Driver>
- Copy my config.plist into EFI/Clover/ and rename it to config.plist (replace the old one)

Post Installation

After you reached desktop, now it's time to install Clover Bootloader into HDD/SSD, Install with Clover with same settings as above, now its time add files into their correct locations and proceed with finalizing the laptop.

Install kexts into HDD/SSD (use your favorite kext installer,i personally use Terminal like described below)

Install into "System/Library/Extensions" or "Library/Extensions" , the choice is yours.

For me i install into /Library/Extensions as Apple recommends it.

Copy all the kext into a folder on desktop name like "kext"

Open Terminal

Code:

```
cd desktop/kext
sudo cp -R *.kext /Library/Extensions/
```

With this command all the kexts will be installed into Library/Extensions.

List of the kexts:

- FakeSMC.kext + ACPIsensors.kext + LPCsensors.kext + CPUsensors.kext.
- VoodooPS2Contoller.kext (Tluck fork kext attached since it does support TrackPoint).
- IntelMausiEthernet.kext
- ACPIBatteryManager.kext
- FakePCIID.kext + FakePCIID_Intel_HD_Graphics.kext + FakePCIID_HDMI_Audio.kext + FakePCIID_Broadcom_WIFI.kext
- (Broadcom_Wifi.kext only if you have replaced Intel Wireless / Bluetooth card with the supported DW1560 BCM94352Z)
- IntelGraphicsFixUp.kext + Shiki.kext + Lilu.kext
- USBInjectAll.kext

- BrcmPatchRam2.kext + BrcmFirmwareRepo.kext (for Bluetooth if you have compatible card installed)
- AppleBacklightInjector.kext (Built from Rehabman - Attached at the end of the guide)
- CodecCommander.kext
- ALC3232.kext (attached at the end of the guide)
- Sinetek-rtsx.kext (Card Reader kext - attached at the end of the guide)
- AirPortBrcmFixUp.kext (if you live outside of US and have trouble with 5GHz Connections & slow speeds).

Rebuild Caches with:

Code:

sudo kextcache -i /

All the other kexts listed that are not attached can be found at [@RehabMan](#) Github:
<https://github.com/RehabMan?tab=repositories>

Hotpatching ACPI

For ACPI patching we use the Hotpatch method which is a newer way of patching and the future for hackintosh.

- Its more generic (can use same patch on same laptop model, while static requires to patch your own).
- More Update Proof (both software & hardware), etc

I attached the ACPI Folder into the guide which contains all SSDTs that have patches/fix for everything to work correctly.

Copy Include folder into desktop, open terminal and into the terminal window enter the command(s):

Code:

cd desktop/include

then

Code:

iasl SSDT-T440.dsl

This will create the finalized "assembled" SSDT-T440.aml which you should copy it into HDD/SSD EFI/Clover/ACPI/Patched

I also attached a prebuilt SSDT-T440.aml for you that don't need any change and if you follow/install everything as explained here from this guide.

For a better understanding read the guide:
<https://www.tonymacx86.com/threads/guide-using-clover-to-hotpatch-acpi.200137/>

Setup config.plist according to your Laptop

Now copy my config.plist into "EFI/Clover/" of your HDD/SSD Partition which does have everything already setup, except that you have to choose the patch according to your laptop at Kernel & Kext Patches section:
For example:

- If you have standard Bios and have standard 32/64 DVMT-prealloc then the patch is enabled by default on config.plist
- If you have set 128MB DVMT-prealloc in Bios then that patch is already present but you will have to enable it manually, while disabling the 9mb cursor patch.

Generate your own SMBIOS data for iMessage & FaceTime

Every device does have it's unique ID's and it's manadatory to create your Unique ID's before accessing Apple Services.
For more details i will add the links to the two respective guides from [@jaymonkey](#) & [@P1LGRIM](#) for iMessage

P1LGRIM -An idiot's guide to iMessage:
<https://www.tonymacx86.com/threads/an-idiots-guide-to-imessage.196827/>

JayMonkey - How to Fix iMessage:
<https://www.tonymacx86.com/threads/how-to-fix-imessage.110471/>

Audio

For audio i created a audio injector "ALC3232.kext" which i patched on my own from my CodecDump from Ubuntu.
Audio is implement via SSDT-HDEF & SSDT-HDAU + config.plist = Kernel and Kext Patches
In my guide we will use LayoutID28 which is already injected on SSDT-HDEF & SSDT-HDAU - (for MiniDP Audio)

This kext should work for all the other Thinkpad Laptops that do have ALC3232 (ALC292) Audio Codec. For this codec, it's required to use ALCplugFix in order to fix External Mic "Line-In". What it does, it does automatically detect when you plug in headphones and does switch to the required verb for it. I also built a CustomSSDT for CodecCommander "SSDT-ALC3232" which is required for fixing issues after wake from sleep. Audio is 100% working, All Inputs,Outputs & Even after wake from sleep.

- Speakers
- Internal Mic
- Headphones
- External Mic (Line-In) "even with headsets that have built in mic like EarPods etc without any issue.

Audio Installation

- We install "ALC3232.kext" which will be installed with all other kexts mentioned above in the kext section of the guide.
- Copy alc_fix folder into desktop and open terminal and enter:

Code:

cd desktop/alc_fix

- After you entered the command, open the alc_fix folder on desktop and drag the install.sh and drop in terminal window and then press enter, it will install alc_fix into his proper location.
- SSDT-ALC3232: is the Custom Codec Commander Profile for ALC3232 which contains configuration for the codec, which get's installed / assembled into the SSDT-T440.aml (already available on the pre-built SSDT-T440.aml) so no need for it.

Audio installation done !

Keyboard

Keyboard is fully mapped and all buttons are working including Brightness keys and Rest of the Keyboard & FN Buttons. All other Fn Buttons do work, you just have to assign them as shortcuts on Sysprefs > Keyboard > Shortcuts like:

- F4 (Mic On/Off) i mapped this one to Siri shortcut
- F7 (Projector) i mapped this one to Video/Mirror Toggle
- F8 (Radio On/Off) i mapped this one to Notification Center
- F9 (Settings) i mapped this one as System Preferences
- F10 (Cortana/Search) i mapped this one to Spotlight Search
- F11 (Open Apps/AltTab) i mapped this one to Mission Control
- F12 (Start Menu) i mapped this one to Launchpad

To see whats going on and how they are implemented you can have a look at SSDT-KBD attached on ACPI folder.

Touchpad/TrackPad/TrackPoint

The TrackPad does work very well with the Tluck fork of VoodooPS2Controller.kext which i attached at the end of the guide. It also includes support for TrackPoint and Physical Buttons like Left,Middle & Right Click Buttons. Also 3 fingers scrolling is supported which is excellent as i use these to switch left and right into desktops with mission control. These gestures are assignable via SysPrefs > Keyboard > Shortcuts > Mission Control. i Personally have customized these gestures like this on my laptop:

- 3 fingers swipe up for "Application Windows"
- 3 fingers swipe down for "Show Desktop"
- 3 fingers swipe right for "Move left a space" (to move to the desktop on the left side)
- 3 fingers swipe left for "Move right a space" (to move to the desktop on the right side).

Wireless & Bluetooth

Wireless & Bluetooth won't work unless you replace your Wireless/Bluetooth card with a compatible one: As this laptop does use NGFF card you may want to look for : "DW1560 BCM94352Z" or "BCM943602BAED" which has native IDs but requires installation of 1 extra antenna.

Wireless will work with the installation of only these two kexts: FakePCIID.kext & FakePCIID_Broadcom_WiFi.kext Bluetooth will work with the installation of : BrcmFirmwareRepo.kext & BrcmPatchRam2.kext.

If you live outside of US, you may want to use the Country Code Patch as it adds some bands that are not available on US. There was a working config.plist /Kernel and Kext Patches - Patch for Country Code #a but it seems it's not working on 10.13.3. So the solution for this is to install AirportBrcmFixUp.kext which can be downloaded at: <https://sourceforge.net/projects/airportbrcmfixup/>

After installation of the kext you might need to add these kernel flags in order to enable it & add the corresponding country code: "-brcmfx-country=#a" (you can find the other country codes on the description of the kext from the link above).

"-brcmfxbeta"
"-lilubeta"

Note: it seems that on macOS High Sierra the features like Universal Clipboard & HandOff are not working very well/not stable. for example Universal Clipboard works when i copy something on hackintosh and paste it on my iPhone 7 Plus. While when i copy on iPhone 7 Plus and right click to paste it on Hackintosh the paste option is not available everytime/rarely. On macOS Sierra these features work much better, so maybe a future macOS High Sierra update might fix it or new kext/patch. If you have slow speeds after wake from sleep go to SysPrefs>EnergySaver>Power Adapter: uncheck "Wake for Network Access"

Rest of the "Important" fixes/patches

- Power Management
- Battery Status
- Dual Battery Support
- LED Blink after wake from Sleep
- USB Ports
- MiniDP Port & MiniDP Audio
- Brightness/Backlight
- Including the others that i forgot to list "etc".

Are all fixed/patched & prebuilt on config.plist & Hotpatch SSDTs which are assembled on a single SSDT-T440.aml SSDT.

Customization

A fully working hackintosh laptop also requires to have his Full real look in the system for eye satisfaction.

SystemLogo

For that i created 3 Lenovo Thinkpad 440 Series SystemLogo's for About This Mac section for 3 recent MacOS Versions.

- Lenovo Thinkpad 440 Series Laptop Logo with El Capitan Wallpaper into the Display
- Lenovo Thinkpad 440 Series Logo with Sierra Wallpaper into the Display
- Lenovo Thinkpad 440 Series Logo with High Sierra Wallpaper into the Display

Same logo as the one on the top of the guide but different display wallpaper which reflects each version of MacOS.

Installation:

- Rename HighSierra.tiff logo to "SystemLogo.tiff"
- Copy it and go to Applications/Utilities/System Information/ right click on it and click on "show package contents"
- go to /Contents/Resources and paste the new logo there, Replace with the existing one, Enjoy your T440 Logo on "About this mac" !

Laptop/PC Name & Model /CPU Name/Model/Frequency/Displays/ETC

All of these customizations are covered on this page:

<http://www.idownloadblog.com/2017/01/13/how-to-modify-about-this-mac-hackintosh/>

Problem Reporting

(Before posting any Problem you must read this and provide all the files request in this post of [@RehabMan](#) as he described.)

It is impossible to diagnose a problem without data that shows how your system is configured.

Also, impossible to analyze any data that you might provide without a clear understanding of your hardware. So make sure your profile is filled as per the first question in this FAQ, "Q. Where do I start?".

If you can't boot, a bare minimum is:

- Boot verbose, attach photo
- Attach EFI/Clover folder **as ZIP** (press F2 then F4 at main Clover screen before collecting). Please **eliminate 'themes' directory**. Provide only EFI/Clover, not the entire EFI folder.

Note: Some laptops swap Fn+Fx for Fx. For those laptops, press Fn+F2 then Fn+F4. If you're not sure, press F2, then F4, then Fn+F2, then Fn+F4. You can also verify by pressing F1 (or Fn+F1) to see which one brings the menu.

If you can boot, but are having some other problem, describe the problem clearly and provide data...

Download patchmatic: <https://bitbucket.org/RehabMan/os-x-maciasl-patchmatic/downloads/RehabMan-patchmatic-2015-0107.zip>

Extract the 'patchmatic' binary from the ZIP. Copy it to /usr/bin, such that you have the binary at /usr/bin/patchmatic.

In terminal,
Code (Text):

```
if [ -d ~/Downloads/RehabMan ]; then rm -R ~/Downloads/RehabMan; fi
mkdir ~/Downloads/RehabMan
cd ~/Downloads/RehabMan
patchmatic -extract
```

Note: It is easier if you use copy/paste instead of typing the commands manually.

Attach contents of Downloads/RehabMan directory **as ZIP**.

Attach ioreg **as ZIP**: <http://www.tonymacx86.com/audio/58368-guide-how-make-copy-ioreg.html>. Please, use the IORegistryExplorer v2.1 attached to the post! DO NOT reply with an ioreg from any other version of IORegistryExplorer.app.

Provide output (in Terminal):
Code (Text):

```
kextstat|grep -y acpiplat
kextstat|grep -y appleintelcpu
kextstat|grep -y applelpc
kextstat|grep -y applehda
```

Attach EFI/Clover folder **as ZIP** (press F2 then F4 at main Clover screen before collecting). Please **eliminate 'themes' directory**. Provide only EFI/Clover, not the entire EFI folder.

Note: Some laptops swap Fn+Fx for Fx. For those laptops, press Fn+F2 then Fn+F4. If you're not sure, press F2, then F4, then Fn+F2, then Fn+F4. You can also verify by pressing F1 (or Fn+F1) to see which one brings the menu.

Attach output of (in Terminal):
Code (Text):

```
sudo touch /System/Library/Extensions && sudo kextcache -u /
```

Compress all files as ZIP. Do not use external links. Attach all files using site attachments only.

Automatic script to Generate Problem Reporting files

Black.Dragon74 created a script to automatically collect all the problem reporting files which does also automatically Mask serial number;UUID;MLB & ROM

Link to the script:
<https://www.tonymacx86.com/threads/tool-generate-proper-problem-reporting-files.235953/>

Credits

- [@RehabMan](#) Everything, making it possible for us to use macOS on laptops like on real MacBooks.
- [@yankostav](#) testing & feedback
- [@usman2006](#) testing & feedback

Tosh and usman2006 like this.

Attached Files:											
config.plist (15.3 KB, 351 views)				(TLUCK)VoodooPS2Controller.kext.zip (88.6 KB...				alc_fix.zip (11.5 KB, 215 views)			
ALC3232.kext.zip (10.4 KB, 264 views)				AppleBacklightInjector.kext.zip (2.8 KB, 167 vi...				Card Reader.zip (39.1 KB, 164 views)			
SystemLogo.zip (876.4 KB, 126 views)				ThinkPad Theme for Clover.zip (1 MB, 147 view...				hotpatch.zip (18.7 KB, 217 views)			
include.zip (18.8 KB, 202 views)				SSDT-T440.aml (9 KB, 360 views)							

Last edited: Feb 11, 2018

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Reply



Feb 12, 2018 at 8:47 AM



usman2006

hey,

first thx for your super Guide and helping me get a perfect hackintosh.

I Update yesterday my api file with the new one from this Guide.
Everything working super.

I found a "cosmetic" issues.
When I close the LID or put trough menu my pc to sleep.
The red led in "i" and the green power on indicator on the power start to "pulse" as they should but even when I open the LID or wake up the pc, the led are still in "flash" modus.

And is there anyway to setup "deep sleep" like in windows. I mean I want that when I close the lid it should go for normal sleep but after like 1h in sleep it should go in the deep sleep.

thx again for your time and help.

Tosh likes this.

Attached Files:

debug_19542.zip (2 MB, 48 views)

Last edited: Feb 12, 2018

Like

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Reply

Feb 12, 2018 at 9:30 AM



Sniki

usman2006 said: ↑

hey,

first thx for your super Guide and helping me get a perfect hackintosh.

I Update yesterday my api file with the new one from this Guide.

Click to expand...

If you know how to assemble SSDT-T440.aml go:

Check SSDT-BAT.dsl on Include folder and slide down to Method (_WAK
And slide down till you find the patch for led blink somewhere under NVSS, copy it and remove it from there and add it on the beginning part of Method _WAK Under NVSS, since i might have added it accidentally under the second NVSS.
Save it and build new SSDT-T440.aml.

Or if you are not in a hurry, when i get back home, i fix it and upload new files and update the guide with the corrected files.

Since im at work now and im replying from my iPhone.

For Deep Sleep, i haven't checked that and im not sure if it is possible on hackintosh.
Will check that when i have some time.

In the other hand theres a development going on for Hibernation and i think its working well, will test it out as soon as i end uploading the 3 other thinkpad guides.
That way i will have more time to experiment with that and as soon as i get a stable hibernation working, i will add it to all the guides.
Maybe such sort of Deep Sleep might be achievable to make laptop go on hibernation after 1 hour of sleep. "Maybe"

Like


+ Quote

Reply

Feb 12, 2018 at 10:39 AM



usman2006

Sniki said: 

If you know how to assemble SSDT-T440.aml go:

Check SSDT-BAT.dsl on Include folder and slide down to Method (_WAK
And slide down till you find the patch for led blink somewhere under NVSS, copy it and remove it from there and add it on the beginning part of Method _WAK Under NVSS since i might have added it accidentally under the second NVSS

[Click to expand...](#)

no, I can wait.

sry I mean hibernation, so my idea is that when I close the LID the laptop should go normal sleep with fast wake up but if it stay 1h in sleep, than it should go hibernate.

Like


+ Quote

Reply

Feb 12, 2018 at 1:02 PM



Sniki

usman2006 said: 

no, I can wait.

sry I mean hibernation, so my idea is that when I close the LID the laptop should go normal sleep with fast wake up but if it stay 1h in sleep, than it should go hibernate.

Ok i uploaded the new files into guide, download the new SSDT-T440.aml and see if LED Blinks after wake from sleep.

Like


+ Quote

Reply

Feb 12, 2018 at 1:37 PM



usman2006

Sniki said: 

Ok i uploaded the new files into guide, download the new SSDT-T440.aml and see if LED Blinks after wake from sleep.

yes now is normal again 😊...
thx for fixing.

did you test "my" code for fan control.
can we use this code for full manually fan control.
now it depends on TMP0.

Like


+ Quote

Reply

Feb 12, 2018 at 2:59 PM



Sniki

usman2006 said: 

yes now is normal again 😊...
thx for fixing.

did you test "my" code for fan control.

can we use this code for full macbook for context

I didn't test your code since i don't actually have a T440 Laptop, i have a Lenovo ThinkPad L440, i will check the values and then give it a try when i have some time for it, if it's fine i will add it to the guide for whoever wants to use it.

[@usman2006](#) if you actually want to implement it for your laptop,provide the patch and i willl build a SSDT-T440.aml with it for your laptop.

Last edited: Feb 12, 2018


Like

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Reply

Feb 28, 2018 at 6:15 AM

 **usman2006**

Sniki said: 

I didn't test your code since i don't actually have a T440 Laptop, i have a Lenovo ThinkPad L440, i will check the values and then give it a try when i have some time for it, if it's fine i will add it to the guide for whoever wants to use it.

[@usman2006](#) if you actually want to implement it for your laptop,provide the patch and i willl build a SSDT-T440.aml with it for your laptop.

hi,

so the fan code is not mine, i ´v found it on other hackintosh forum.

i have found some problems with the audio... the audio works fine through speakers but through headphone I get often white noise...even when I use bluetooth headset or normal headphone.

but when I unplug the headphone or disconnect the bluetooth, it worked normal through laptop speakers and if I plug it back und connect the bluetooth headset back, the white noise come back again.

thx

Attached Files:


debug_3689.zip (3 MB, 33 views)


Like

+ Quote

Reply

Feb 28, 2018 at 7:09 AM

 **usman2006**

usman2006 said: 

hi,

so the fan code is not mine, i ´v found it on other hackintosh forum.

i have found some problems with the audio... the audio works fine through speakers but through headphone I get often white noise... even when I use bluetooth

Click to expand...


I think it was because of "boom 2", I have deleted the app and now it is working fine.

Like

+ Quote

Reply

Mar 29, 2018 at 2:16 PM

 **Shjba**

Hello there,

I'm trying to follow this guide but Clover does not list any drives... I downloaded Rehabman's version of clover and I use your config.plist but it doesn't work for me. It doesn't even show my Usb flash drive or any other partition

Like

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Reply

133 more messages...

1 2 3 4 5 6 → 15 Next >

B I U

A A: a_a

I_x

B I U

A A: a_a

I_x

Post Reply

Upload a File

More Options...

Please be sure your post conforms to the site **rules**. Unlike other internet communities our rules are strictly enforced.



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High Sierra Laptop Guides





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- Post Installation
- The Workshop
- The Tools
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- 10.13 Installation
- 10.12 Installation
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- 10.8 Installation
- 10.7 Installation
- 10.6 Installation
- Fix iMessage

Downloads

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