

ISAAC™ Software 5.1+
Software Installation Procedure
macOS Sonoma, Ventura, Catalina,
Monterey, Big Sur

INTEL MACS
M1/M2 MACS

AeroPod® CdA and power meter
PowerPod® Power Meter
Newton® Power Cycling Computer

November 5, 2023

COMPUTER SYSTEM REQUIREMENTS

Macintosh:

- 1) M1/M2 Mac
- 2) Intel Mac
- 3) macOS Monterey, Big Sur, Catalina, Ventura, Sonoma
- 4) 128MB RAM memory

A BIG THANK YOU

Apple introduced the M1Mac a few years ago, and unfortunately this change made it impossible to run Isaac/Mac software on the latest-generation M1/M2 Macs.

Additionally, more recent versions of macOS have made it difficult to impossible to run Isaac/Mac on Intel Macs.

Thanks to the amazing efforts of one of our Velocomp customers, Mark Williams, (markw65 on Velocompforum.com), a straightforward workaround now makes it possible to run Isaac/Mac on Intel Macs AND on M1/M2 Macs, even with the latest versions of macOS, including Sonoma.

Even better, Mark has made the installation process simple and reasonably automatic. It's beginning to feel a bit like the good old days of Apple software...

Thank you Mark!!!

Follow these instructions carefully you will soon have Isaac/Mac running on your Intel or M1/M2 Mac.



NEW INSTALLATION, “ISAAC FOR MAC” SOFTWARE for Intel and M1/M2 Macs

No matter which macOS you are running **please, please, do not do ANYTHING until you are instructed to do so.**

In addition to these instructions there is one zip file to download

1) Installer.zip

Download this file from this URL:

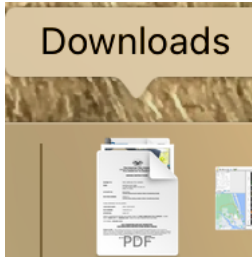
<https://velocompforum.com/viewtopic.php?f=35&t=5989>

The downloaded zip file will be located in your Download folder. ***Do not move or click on ANYTHING until you are told to do so.***

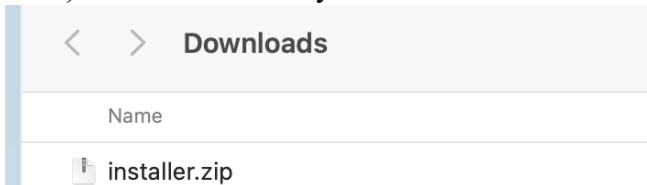
This install process has to be performed only one time.

STEP 1: Unzip “installer.zip” file

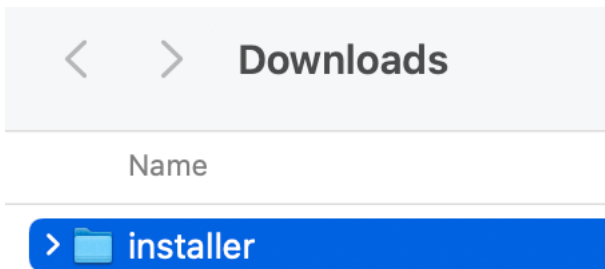
- 1) Open your Downloads folder



- 2) Inside the folder you will see the file “installer.zip”



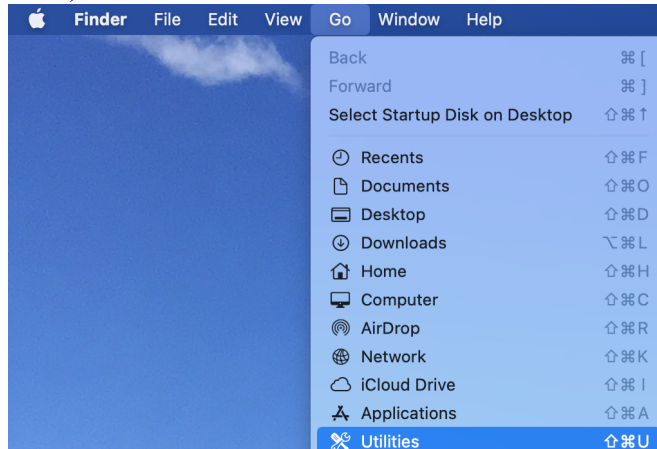
- 3) Double click on installer.zip to unzip the file. You will see a folder called “installer”



Do not move the installer folder; it must remain in the Downloads folder.

STEP 2: Use Terminal command to prepare automated Isaac software installation process

1) From the Finder menu, click Go and scroll to Utilities

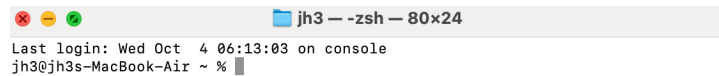


2) Click on Utilities to open its folder, and scroll to Terminal

A screenshot of the macOS Finder window showing the 'Utilities' folder. The window title is 'Utilities'. The table below lists the contents of the folder.

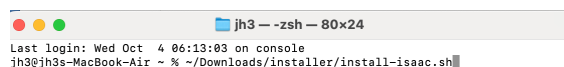
Name	Date Modified	Size	Kind
Activity Monitor	Jan 1, 2020 at 3:00 AM	10.9 MB	Application
AirPort Utility	Jan 1, 2020 at 3:00 AM	52.1 MB	Application
Audio MIDI Setup	Jan 1, 2020 at 3:00 AM	10 MB	Application
Bluetooth File Exchange	Jan 1, 2020 at 3:00 AM	3.1 MB	Application
Boot Camp Assistant	Jan 1, 2020 at 3:00 AM	5.6 MB	Application
ColorSync Utility	Jan 1, 2020 at 3:00 AM	6.7 MB	Application
Console	Jan 1, 2020 at 3:00 AM	2.7 MB	Application
Digital Color Meter	Jan 1, 2020 at 3:00 AM	1.5 MB	Application
Disk Utility	Jan 1, 2020 at 3:00 AM	8.5 MB	Application
Grapher	Jan 1, 2020 at 3:00 AM	13.3 MB	Application
Keychain Access	Jan 1, 2020 at 3:00 AM	5.8 MB	Application
Migration Assistant	Jan 1, 2020 at 3:00 AM	1.4 MB	Application
Screenshot	Jan 1, 2020 at 3:00 AM	479 KB	Application
Script Editor	Jan 1, 2020 at 3:00 AM	3.3 MB	Application
System Information	Jan 1, 2020 at 3:00 AM	114.8 MB	Application
Terminal	Jan 1, 2020 at 3:00 AM	10.7 MB	Application

3) Double click on Terminal to launch it. You will see a screen something like this:

A screenshot of a macOS Terminal window. The title bar at the top shows three colored window control buttons (red, yellow, green) on the left and a blue folder icon followed by the text 'jh3 -- zsh -- 80x24' on the right. The main content area of the terminal displays the text 'Last login: Wed Oct 4 06:13:03 on console' followed by the prompt 'jh3@jh3s-MacBook-Air ~ %' and a cursor.

4) After the % symbol, type EXACTLY the following command (the command below is in bold to make it easier for you to read):

~/Downloads/installer/install-isaac.sh

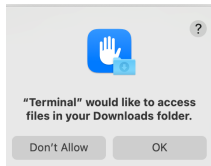
A screenshot of a macOS Terminal window, similar to the one above. The title bar shows the same window control buttons and title text 'jh3 -- zsh -- 80x24'. The main content area displays the same login information, but the prompt is now 'jh3@jh3s-MacBook-Air ~ % ~/Downloads/installer/install-isaac.sh' with a cursor at the end of the command.

5) After checking your screen to be sure you've typed in the correct command, click the Return button on your keyboard.

THE INSTALLATION PROCESS WILL BEGIN AND RUN AUTOMATICALLY.

TIP: INSTEAD OF TYPING THE ABOVE COMMAND YOU CAN DRAG-DROP THE INSTALL-ISAAC.SH FILE DIRECTLY INTO THE TERMINAL FOLDER, THEN CLICK "ENTER". THIS WILL START THE INSTALL PROCESS

- 6) At the start of the install process you'll see the screen below. Click "OK"



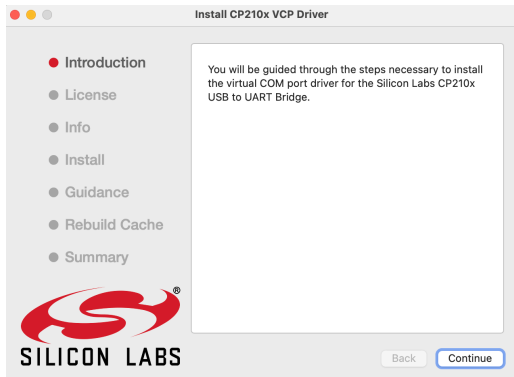
- 7) Next, you will need to enter your administrator pass word to allow the install process to run automatically. NOTE: *as you type your password it will be "invisible" on the terminal screen*

```
jh3 — sudo • install-isaac.sh — 80x24
Last login: Wed Oct  4 06:13:03 on console
jh3@jh3s-MacBook-Air ~ % ~/Downloads/installer/install-isaac.sh
Enter your login password if prompted
Password:█
```

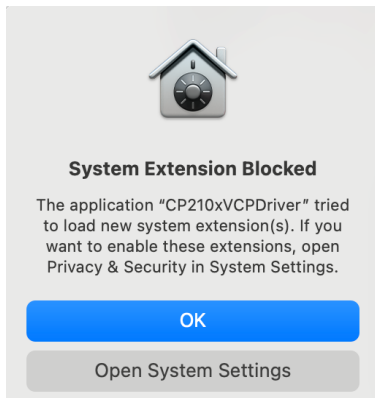
- 8) After typing your password click the Return button on your keyboard, and the automated install process will happen.
- 9) As the automatic install process continues you might see screens like this. Let the computer do its thing; be patient!

```
jh3 — installer • install-isaac.sh — 80x24
No receipt for 'com.ni.pkg.daqmxbase.usb-support.SysLibExt' found at '/'.
No receipt for 'com.ni.pkg.nipal' found at '/'.
No receipt for 'com.ni.pkg.nivisaconfiguration' found at '/'.
No receipt for 'com.ni.pkg.nivisadevelopment' found at '/'.
No receipt for 'com.ni.pkg.nivisaruntime' found at '/'.
No receipt for 'com.ni.pkg.nivisaserver' found at '/'.
No receipt for 'com.ni.nipali.LibAppSupp.pkg' found at '/'.
No receipt for 'com.ni.nipali.LibFwk.pkg' found at '/'.
No receipt for 'com.ni.nipali.LibLaunchd.pkg' found at '/'.
No receipt for 'com.ni.nipali.LibStartup.pkg' found at '/'.
No receipt for 'com.ni.nipali.SysUserLocalLibExec.pkg' found at '/'.
No receipt for 'com.ni.nipali.SysUsrSbin.pkg' found at '/'.
No receipt for 'com.ni.nisysapi.LibAppSupp.pkg' found at '/'.
No receipt for 'com.ni.nisysapi.LibFwk.pkg' found at '/'.
No receipt for 'com.ni.nisysapi.UserLocalBin.pkg' found at '/'.
No receipt for 'com.ni.NI-VISA_DevSupp.LibAppSupp.pkg' found at '/'.
No receipt for 'com.ni.NI-VISA_DevSupp.LibPrefs.pkg' found at '/'.
No receipt for 'com.ni.NI-VISA_Runtime.App.pkg' found at '/'.
No receipt for 'com.ni.NI-VISA_Runtime.LibAppSupp.pkg' found at '/'.
No receipt for 'com.ni.NI-VISA_Runtime.LibExt.pkg' found at '/'.
No receipt for 'com.ni.NI-VISA_Runtime.LibLaunchd.pkg' found at '/'.
No receipt for 'com.ni.NI-VISA_Runtime.LibPrefs.pkg' found at '/'.
installer: Package name is NI-VISA_Full_23.5.0
```


10) After a bit of time the SiLabs installer will start. Click on the “Continue” button as needed:

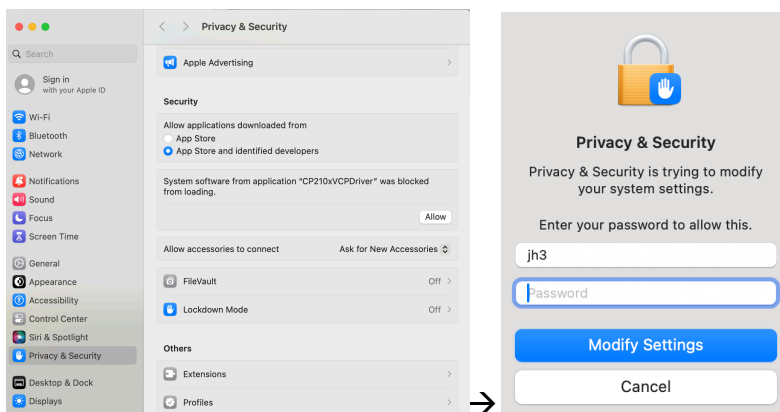


11) Near the end of the install you’ll get this message:

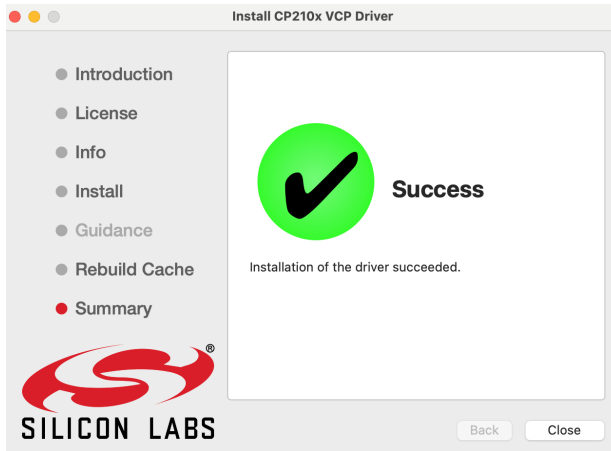


12) Critical: click “Open System Settings”

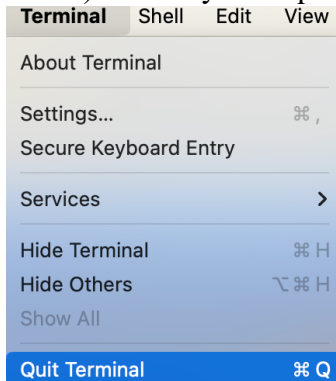
13) On the screen that next appears, click “Allow”, then on the next screen enter your admin password and click Modify Settings



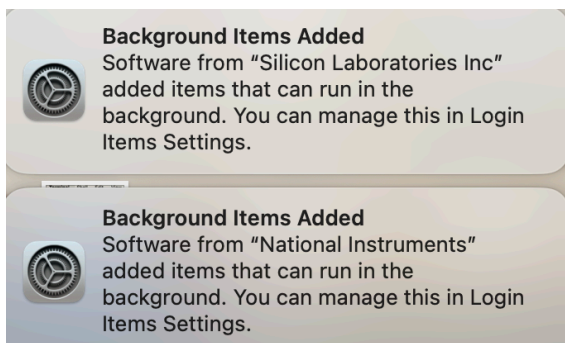
- 14) The Privacy and Security window will re-appear, with the “Allow” button missing (you’ve successfully allowed the setting). You may close the Privacy and Security window; you will see a screen showing that the driver was successfully installed:



- 15) You may now quit the Terminal app



- 16) If you see these messages on your desktop you may close them:

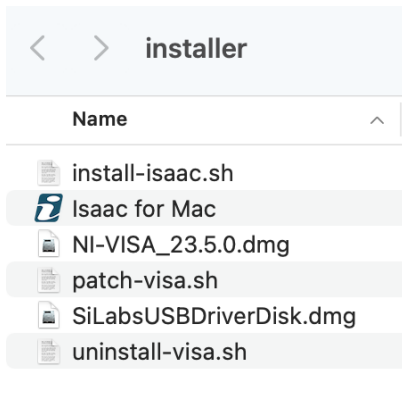


STEP 3: INSTALL “Isaac for Mac.zip”

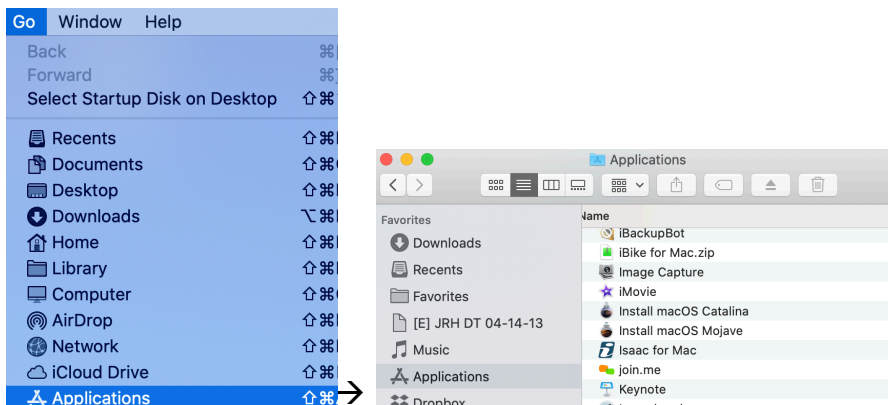
- 1) Before installing Isaac, connect your Velocomp device (Newton, PowerPod, AeroPod) to your computer with the USB cable. Make sure your device is awake. If you see the message below: click “Allow”



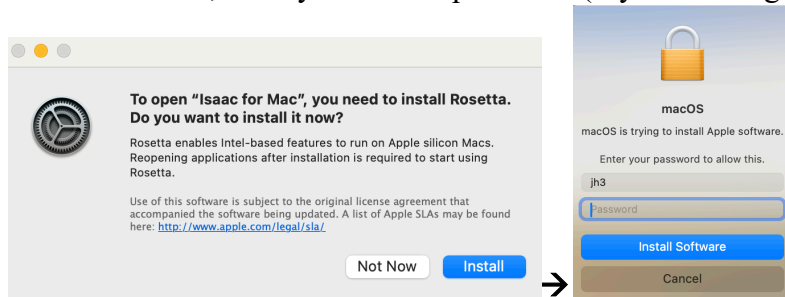
- 2) Open the Downloads folder and then click on the Installer folder to open it. You will see the Isaac for Mac file in the Installer folder.



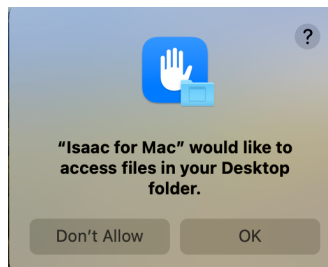
- 3) Open your Applications folder (accessible from Finder), then drag-drop Isaac for Mac from the Installer folder into the Applications folder:



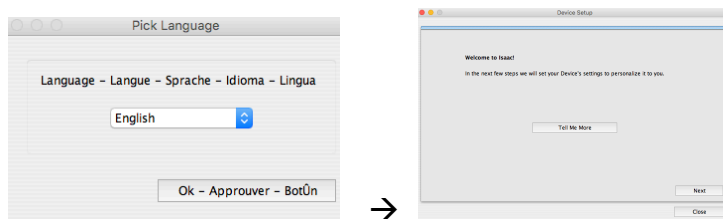
- 4) Double click on “Isaac for Mac” to start it. If you’re using an M1 or M2 Mac, you’ll see the message below, stating that “Rosetta” needs to be installed; click “Install”, enter your admin password (if you’re using an Intel Mac skip to step 6)



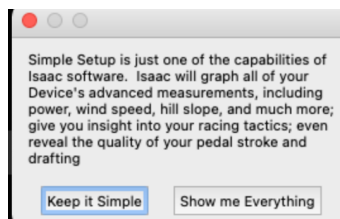
- 5) After Rosetta is installed, you’ll need to double click on Isaac/Mac AGAIN to relaunch it; when you see the message below click OK



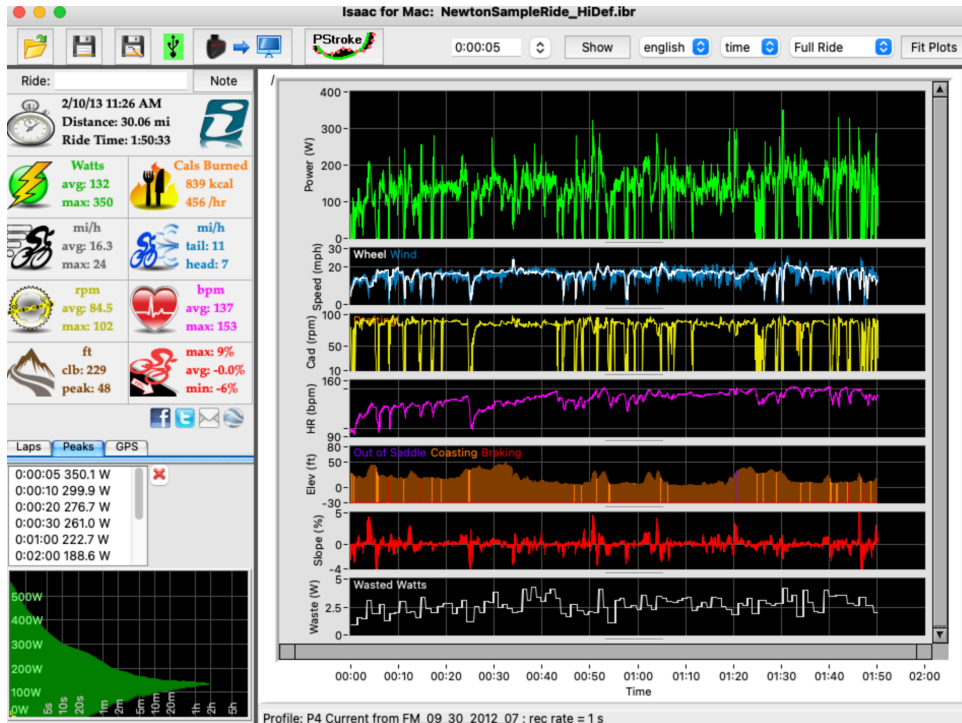
- 6) During installation when you see these screens, click “OK” and “Close”



- 7) When you reach this screen, click “Show me Everything”



- 8) The Isaac main screen will now appear. Assuming your device is connected to your Mac and it is turned on, you should see a green box around the USB icon. A **green box around the USB icon indicates that your Device is communicating with Isaac, and that everything is working properly!**



- 9) You can now use all the features of Isaac/Mac to download/store rides, view/modify profiles, and more

This completes the installation of Isaac for Mac. You will now be able to use Isaac/Mac with your Intel or M1/M2 Mac (and you won't have to repeat this tedious install process again...)

How to use Isaac software

To learn more about Isaac operation, download the Isaac Instruction manual here:

<https://velocompforum.com/viewtopic.php?f=12&t=5327>

TECHNICAL SUPPORT

Need additional help? Email technicalsupport@velocomp.com, call 609 425-0444, or visit velocompforum.com