



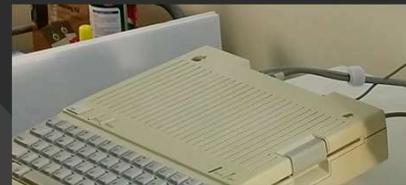
Creating an Apple IIc Boot Disk Using ADTPro

Summary

In this presentation you will learn what you will need to connect your Apple IIc to your PC or Mac, and how to create a bootable Apple Disk Transfer ProDOS (ADTPro) disk.

Before beginning, you will need:

- The correct cabling to connect the Apple IIc to your Mac or PC
- A copy of ADTPro Installed on your PC or Mac
- A blank disk (or one you don't mind reformatting)



A Closer Look at Requirements

- Install ADTPro software on your PC or Mac.
You can download this from <https://adtpro.com/>
- A Null Modem cable for your Apple IIc, which can be purchased from [RetroFloppy](#)
- A USB to RS232 adapter, which you can also purchase from [RetroFloppy](#)
- A blank 5 ¼ disk (or one you don't mind reformatting), which can also be found on [RetroFloppy](#).



Connect the Cables Together

The first step is to connect your PC or Mac to your Apple IIc. You will need to connect the Null Modem cable to the USB to RS 232 adapter, like this:



Plug cables into Apple IIc and PC or Mac

You will plug the USB cable into your PC or Mac, and the Null Modem cable into the back of your Apple IIc at the position indicated in the image below.

The correct port will have the number 2 printed above the port on the back of your Apple IIc



Start the Apple IIc

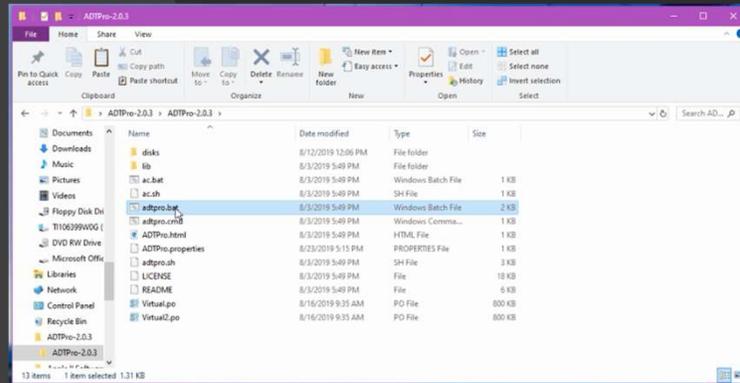
The next step is to turn the power switch on your Apple IIc to the on position, then immediately hit the control and reset keys on the keyboard.

This will bring up a blank command prompt on the screen.



Start The ADTPro Program on Your PC or Mac

On your PC or Mac, open the ADTPro folder and double click the file adtpro.bat to start it.

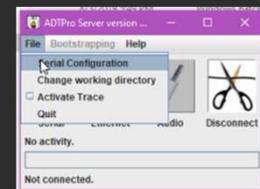


Configure ADTPro

When ADTPro opens, click on the file menu, then Serial Configuration.

This will open the Serial Configuration screen. On the Port tab, set the Port to COM3 and the Speed to 115200. You also need to make sure the box that reads "Apple IIC w/Imagewriter Cable" is checked.

When you've done that, click OK to go back to the main ADTPro screen.

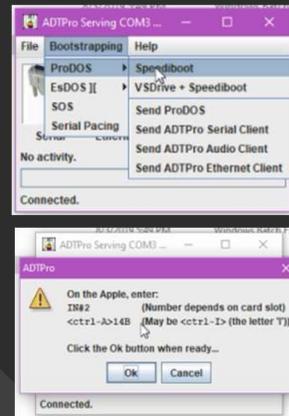


Open the Connection

Now you will need to click SERIAL, and it should show a status of connected.

When that is done, click on the Bootstrapping menu, then ProDOS, then Speediboot, as shown in the top image to the right.

A screen like the bottom image to the right will pop up, instructing you to enter commands on the Apple IIc.



Enter Commands on Apple IIc

Enter the commands from the ADTPro into your Apple IIc.

To do so, do the following:

- Type IN#2
- Hit the return key
- Type 14B
- Hit the return key



Load ADTPro On Apple IIc

You'll go back to your PC or Mac and click OK on the ADTPro screen.

At that point you should start to see the screen on your Apple IIc fill with text, like in the image to the right. This is the PC or Mac sending the ADTPro program directly to your Apple IIc, booting it into ADTPro. This may take a few minutes.



Format Disk

When that is done, you will have this ADTPro screen on your Apple IIc.

But you aren't done yet! You still have to format a disk, and create an ADTPro boot disk.



Formatting a Disk

The first thing you'll do is insert a floppy disk into the drive on the Apple IIc.

Now hit the F key on the keyboard to format the disk.

That will bring up the screen in the image. Use the down arrow key to move the highlighted line down to the one marked 6 under the slot heading. The volume name may say </O ERROR>, like in this image, or something else if you are reusing an old disk. You'll hit enter and the program will ask for a volume name. Leave that blank or fill it with your choice of name, then hit the enter key. Hit the y key when it asks if you are ready to format, and the format will begin.



Create the ADTPro Boot Disk

When it is done formatting, you will be asked if you want to format another disk. Type N, for no, and it will return to the main ADTPro screen, like that one in the image.

Now we are going to add ADTPro to the floppy disk. We are going to do that by hitting the R key to receive the disk image, then type in the disk image name.

If you are unsure of your disk image name, you can go back to your PC or Mac, where you can find it in a folder called *disks*. In the example shown, that file is named ADTPro-2.0.3.dsk. Yours may or may not be the same, depending on the version of ADTPro you have.



Transferring the ADTPro Disk Image

Once you enter the filename, hit enter and you will be taken to a screen to select the file destination. This will look and work just like the format screen, and you will again use the down arrow to move to the entry labeled Slot 6.

Once you hit enter on that, it will start the process of transferring ADTPro onto your Apple IIc disk. It will take a few minutes, and will go through the screen shown in the bottom image several times before it will be finished.



Finishing Up

When the disk image is done transferring, it will tell you it is complete. Press a key, and you'll go back to the ADTPro main screen.

And that is it! You have an ADTPro boot disk, with utilities to format other disks, or to boot your Apple IIc. You can restart your Apple IIc with your new disk in the drive and it will now load ADTPro from the disk.

You can also create other disks this same way. Instead of typing the name of ADTPro to transfer, you would enter whatever the name of your disk image is.

Congratulations on successfully creating your new ADTPro boot disk!

