



# Tech Info Library

## Old HD-20 and New Macintosh SE/30

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TOPIC -----

What must one do to access a (non-SCSI) HD20 disk drive attached to the disk drive port on the new Macintosh SE/30? I tried placing the old "HD20" file in the System Folder, but it didn't work.

DISCUSSION -----

Using the criteria of "Macintosh SE/30 AND NON-SCSI" search AppleLink's Technical Info library for the article "Macintosh SE/30: Doesn't Work with an Apple Hard Disk 20." The following is more information on this subject:

The (non-SCSI) Hard Disk 20 does not work with the Macintosh SE/30. The Macintosh SE/30 has the same logic board and ROM as the Macintosh IIfx, which does not support the Hard Disk 20. Therefore, the code to support the drive is not included in the ROM of the Macintosh SE/30.

There are ways of retrieving the data from a Hard Disk 20 for use on the Macintosh SE/30. First, using a Macintosh Plus or Macintosh SE, transfer the data to another hard disk that the Macintosh SE/30 can read. The necessary equipment and steps to do this are:

To transfer data from a Hard Disk 20 to the internal drive, these items are required:

- Macintosh Plus or Macintosh SE
- Formatted, blank HD20 SC, HD40 SC, or HD80 SC and cables
- System 6.0.3 Tools Disk (included with the Macintosh SE/30)

Once you have the necessary items, follow these steps:

- 1) Hook up the Hard Disk 20 and the HD20 SC, HD40 SC, or HD80 SC to the Macintosh Plus or Macintosh SE.
- 2) Insert the System Tools disk in the internal drive.
- 3) Turn on both drives, wait 10 seconds, and then turn on the computer.

- 4) Use the Find File DA and look for a file called System on the Hard Disk 20.
- 5) There should be one file called System, and it should be located in the System Folder. If there is more than one System file, return to the desktop and trash the other System files on the Hard Disk 20.
- 6) Select all the files and folders on the Hard Disk 20 and any files that may be on the desktop and drag them to the HD20 SC, HD40 SC, or HD80 SC.
- 7) After the copy is finished, hook up the HD20 SC, HD40 SC, or HD80 SC to the Macintosh SE/30.
- 8) Select the files from the HD20 SC, HD40 SC, or HD80 SC and drag them to the internal hard drive. If there is no internal hard drive, drag them to the drive you will be using.
- 9) Update the System files to System 6.0.3 using the Installer Script (located on the System Tools Disk) for the Macintosh SE/30.

Additionally, we have included an INIT Utility that reads the data from the Hard Disk 20 and puts it on the internal hard disk of the Macintosh SE/30. As with all INITs, place it in the System Folder of the startup disk. The Hard Disk 20 will now be visible when you start up with the Hard Disk 20 turned on.

Warning: Do not try to write to the Hard Disk 20. Trying this can result in the loss or corruption of data on the Hard Disk 20.

When the Hard Disk 20 icon is visible, you can drag the files from the Hard Disk 20 onto the internal hard disk of your Macintosh SE/30.

The code for the INIT Utility is not supported by Engineering, and no changes will be made to it. Be very careful when using this Utility and do not distribute it. Once you have copied the Hard Disk 20 to your Macintosh SE/30, be sure to remove this Utility from your System Folder.  
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