



# Tech Info Library

## AppleWorks: Desktop size on the Apple IIGS

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Security: Everyone

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For desktop storage, AppleWorks 2.0 on an Apple IIGS will only use memory found on the Apple IIGS logic board and Memory Expansion Card. When this card is not present and AppleWorks 2.0 is booted from the Apple IIGS System Disk, the Apple IIGS Tools, using a large portion of available logic board RAM, leave only 13K for the AppleWorks desktop. The message "WARNING! Desktop is full. Action not completed. Press space bar to continue." appears when the user attempts to create a word processor file from scratch. If you make a second attempt to create a word processor file, AppleWorks will complete the task.

AppleWorks' users should be aware of this situation before using AppleWorks 2.0 and the Apple IIGS System Disk files on an Apple IIGS without an Apple IIGS Memory Expansion Card installed.

If AppleWorks 2.0 is booted from the AppleWorks Startup Disk, an Apple IIGS 1M Expansion Card will permit up to 1149K on AppleWorks' desktop. Factors that affect the size of AppleWorks' desktop are:

- memory available on the Apple IIGS Memory Expansion Card
- memory occupied by the Apple IIGS RAM disk
- the availability of the Apple IIGS desktop
- other AppleWorks auxiliary programs that are loaded into the Apple IIGS
- the method used to start up AppleWorks.

You may create a disk that will allow AppleWorks and the Apple IIGS Desktop to be used effectively on the same disk:

1. Make a new copy of your AppleWorks 2.0 master disk.
2. Remove the file "PRODOS" from the new AppleWorks disk.
3. Copy the file called "P8" from the System folder on the Apple IIGS System Disk onto the new AppleWorks disk. Rename the copied file "PRODOS". The disk is now bootable for starting up the Apple IIGS.

If you wish to add the desktop:

1. Locate the folder "DESKTOP" on the Apple IIGS System Disk.  
Copy the contents of this folder onto the root directory of the new AppleWorks disk.
2. On new the AppleWorks disk, rename the file "APLWORKS.SYSTEM"  
"APPLEWORKS" and "DESKTOP1" "DESK1.SYSTEM".
3. Start your Apple IIGS with the modified AppleWorks disk.  
Once the desktop appears, double click on the "APPLEWORKS" icon  
to run the AppleWorks program. Using this disk on an Apple IIGS  
with 256K memory provides 124K of AppleWorks' desktop space.

AppleWorks versions 1.1, 1.2 and 1.3 can be used on an Apple IIGS, an Apple IIc, or an Apple IIe with either 64K or 128K memory. AppleWorks' desktop size on an Apple IIGS will vary with the version of AppleWorks in use. Because AppleWorks 1.3 and earlier versions do not recognize the newer features of the Apple IIGS, the user can obtain only a 55K AppleWorks desktop, even though the computer may have from 256K to 1.25M of memory on the logic board and in the Memory Expansion Slot. However, if the Apple IIGS has an Apple II Memory Expansion Card in one of its seven slots, AppleWorks 1.3 does recognize it and uses the Memory Expansion Card to increase the desktop size.

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