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:

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  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.
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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.

Apple Technical Communications

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