

gateWay 128 Addendum

Creating Boot Disks

The gateWay in some cases will assume that when you create a boot disk that you will normally be booting that disk from the same type of device with the same device number as when the boot disk was created. It is therefore recommended that you do not, for example, create a boot disk on device 8, then try to boot with it from device 9.

Booting From CMD HD/RAMLink Systems

The manual states on page 43 that it is necessary to disable parallel when booting the gateWay from a CMD HD hard drive connected to the computer via the parallel port on RAMLink. This is no longer true.

1571 Disk Drives

Boot disks created on 1571 disk drives must be formatted as single-sided disks - double-sided 1571 disks will cause a failure to occur while booting. Before executing MakeBoot on a 1571 drive, make sure that you configure the drive as a 1571 using Configure.

Separate Boot Disks for gateWay 64/128

If you use both versions of gateWay (64 and 128), you should have separate boot disks for the two systems. In the case of CMD devices (RAMLink, RAMDrive, and the HD Series hard drives) you should have separate boot partitions. This is because LAUNCH and LAUNCH_128 are auto-exec files, and will automatically execute no matter which system is being booted.

Auto-exec Files on Boot Disks

You should not place a number of auto-execs on your gateWay boot disk initially - instead, you should test them one at a time for compatibility. Some auto-exec files may try to use areas of memory which are normally used by the gateWay, thus causing conflicts.

Rename Switcher

If you intend to use the task switcher with your RAM expanded system, then the file must be named 'switcher_128' on gateWay 128 boot disks. If you create your initial gateWay boot disk from a GEORAM system disk, you must use the 'switcher_128.r' file with gateWay 128. After copying the appropriate file to your boot disk, make sure that it is properly named - if not, use the rename option to rename the file 'switcher_128'. The underscore symbol may be typed by holding down the Commodore key and pressing the minus key.

Integrator

All references to the Integrator in the manual should be ignored when dealing with gateWay 128, as the 128 version does not have or need the Integrator to use two disk drives on systems without RAM expansion.

Booting gateWay 128

To start gateWay 128, a different command is used than that used on the 64 version. Place the boot disk into your disk drive and enter the following command:

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RUN"GEOS128",U8
```

Substitute the device number you are booting from for the number 8 given in the above command. You may boot gateWay from device numbers 8 through 10.

About Preferences and Configure

Preferences and Configure have been replaced by the gateWay Control Panel and disk drivers. These file will no longer be needed on your disks unless you wish to use those disks under the normal desktop as well. Configure should not be placed on gateWay boot disks.

The GEOBOOT File

On the 128 version of gateWay, the GEOBOOT file created by MakeBoot_128 is larger than is normally allowed under GEOS. For this reason, you should always validate a disk from which this file has been removed before performing any other operations on that disk.

The Control Panel

The gateWay 128 Control Panel document will now operate in both 40 and 80 column modes.

Switcher

The key sequence for effecting a switch has changed. With gateWay 128, the ESC (escape) key will trigger the switcher. The 128 version of switcher is also somewhat slower than the 64 version, due to the memory configuration of the 128.

You should never attempt to have the same desk accessory open in both switcher contexts, as this will cause problems.

The configuration box for 128 versions of the gateWay will not display a Movedata DMA option, as it was necessary to remove this feature for proper operation of the switcher under gateWay 128.

GEORAM RBOOT

In the installation procedures the manual states that you may copy the RBOOT program from your GEORAM boot disk and that this program may be used to re-boot your gateWay system. As it turns out, the version of RBOOT which appears on the GEORAM system disks has not been updated to work properly with GEORAM, and because of this, it will also fail to operate properly with the gateWay. Modified versions of RBOOT for GEORAM are available on Q-Link.

Notes on Systems Without RAM Expansion

Systems which have no recognized form of RAM expansion attached will only be able to access two disk drives. The correct disk driver files for the two drives you wish to use must appear as the first two disk driver files on your gateWay boot disk. If you change the types of drives which you wish to use with the gateWay, you must also change the order of the drivers on your boot disk to match that of the drives you wish to use.

Disk Drivers

If you are using a RAM expanded system, it is possible to replace a drive on the system with a different drive. To do this, activate some other drive on the system which has a disk containing a copy of the disk driver for the drive type you wish to add to the system (use drive A or B - this function does not work from drive C). Now turn off the drive you wish to remove from the system and perform a warm reset (select reset from the special menu or hold down the Commodore key and press the 'r' key). Now turn on the drive you wish to add to the system - it must have the same device number as the drive which you have removed. Double-click on the appropriate disk driver to activate the drive on the system.

RAM Disk Drivers

The RamDisk and GRamDisk drivers must be among the first three disk drivers located on your boot disk in order to retain the contents of those units. If one of these drivers is launched after booting, then the only way to make that driver active is to select FORMAT from the driver configuration box.

The Ram41_71 RAM disk driver has been renamed to RamOld_128 on gateWay 128. Operation of this driver is the same as is described for the Ram41_71 driver in the manual.

HD, RAMDrive & RAMLink Requirements

The HD, RAMDrive, and RAMLink require that you use specific versions of their operating systems for complete gateWay compatibility.

With the HD you should use version 1.80 of HD DOS or higher. The latest version of HD DOS is included on the gateWay disk, along with the other programs necessary for installing it. See the instructions for REWRITE DOS in your HD Users Manual for instructions on installing the DOS.

RAMLink and RAMDrive owners should use version 1.40 or higher of RL DOS or RD DOS, depending on which device you have.

Native Mode Subdirectories

Please note that when using Native Mode subdirectories on the HD, RAMDrive, or RAMLink that it is not advisable to move a subdirectory folder entry in the directory listing. If you do move a subdirectory folder, then you should immediately perform a validate from the action menu.

The Trashcan

If you have files in the trashcan, most any disk related function will empty the trashcan. The main intention of the new trashcan is to allow immediate retrieval of one or more files which were mistakenly erased.

Keyboard Shortcuts

The shortcut listed in the back of the manual for the 'open partition' function should be <COMMODORE><SHIFT><P>. There is also no shortcut to close a disk, as <COMMODORE><c> is used to open Drive C.

The gateWay Documents

The following paragraphs provide descriptions of the gateWay documents which have been included with gateWay.

BigInfo128

Provides larger info boxes which include the text info normally found in the standard GEOS info boxes. This document will also allow selection of multiple files.

ScrapPeek_128

Used to view the current Photo Scrap directly from the gateWay without having to enter geoPaint.

MakeDir_128

Allows creation of Native Mode subdirectories from within the gateWay on systems using the HardDrive or RLDrive disk drivers with the CMD HD, CMD RAMLink and PPI RAMDrive.

HDTIME_128

Grabs the current time and date from the CMD HD real time clock, and updates the GEOS time clock.

Touch

Touch allows you to update the date stamp to the current date and time on any selected files on the filepad. If no files are selected, then the date stamp on the disk in the currently active drive is updated instead.

QuickMove

A gateWay compatible version of QuickMove has been included with the gateWay to allow copying files from one partition to another on CMD and PPI devices. This version is preliminary, and updated versions with bug fixes and improvements will be made available in the future. Currently, this version will only operate in 40 column mode when using gateWay 128.