

Entry Number:  
Title: **The Gateway 2000 50V and 66V**  
Entry Date: **9 June 1993**

Product Vendor: **Gateway 2000**  
Vendor Contact Information:

Hardware Platform: **Intel Processor Family**  
Reported in Software Version: **NEXTSTEP Release 3.1**  
Keywords: **Gateway 2000, ATI, Mach, VESA, Localbus**

## **Usage Commentary:**

The Gateway 2000 displays 1024 x 768 in 16 bit color under NEXTSTEP.

An ATI Ultra Pro graphics card comes with the system. Two megabytes of video RAM is required on the card. As the standard card from Gateway comes with only one megabyte, the additional memory must be specifically requested when the system is ordered.

## **Setup and Installation:**

The 3 1/2" floppy must be set to drive A. This involves opening the system's case and switching the floppy controller cable. Consult the Gateway 2000 user's guide for a more detailed explanation.

To change the configuration settings, invoke the ROM setup program by pressing <control> <alt> <esc> early in the boot process. The Quality Assurance group successfully installed NEXTSTEP Release 3.1 onto a Gateway 2000 66V that had the following setup. NEXTSTEP was installed onto a SCSI hard disk.

**Phoenix Technologies Ltd.      Version**  
**System Configuration Setup    4.03 00**

Diskette A:                    3.5 Inch, 1.44 MB  
Diskette B:                    5.25 Inch, 1.2 MB      Cyl      Hd      Pre      LZ      Sec  
Size  
Hard Disk 1:                  Not Installed  
Hard Disk 2:                  Not Installed  
Hard Disk 3:                  Not Installed  
Hard Disk 4:                  Not Installed  
HD1 Block Mode :              Disabled                    HD2 Block Mode :  
Disabled  
HD3 Block Mode :              Disabled                    HD4 Block Mode :  
Disabled  
Base Memory:                  640 KB  
Extended Memory:              15360 KB  
Display:                      VGA/EGA  
IDE Controller Speed: Medium

**Phoenix Technologies Ltd.**  
**Micronics MCM2 Chip Set Feature Control**

**BIOS shadow : Disabled \***

    CPU speed : Fast  
Internal cache : Enabled  
External cache : Enabled  
    0c0000-0c7fff : Noncacheable  
    0c8000-0cffff : Noncacheable  
    0d0000-0d7fff : Noncacheable  
    0e0000-0effff : Noncacheable  
    0f0000-0fffff : Noncacheable  
On Board COMA : Disabled  
    COMA-IRQ : Disabled  
On Board COMB : Disabled  
    COMB-IRQ : Disabled

On Board LPT : Disabled  
LPT-IRQ : Disabled

- \* BIOS shadowing must be disabled with the ROM configuration utility in order for NEXTSTEP to run on this system.

## Known Problems:

- NEXTSTEP installation will fail if BIOS shadowing is enabled.
- If your keyboard generates incorrect characters or no characters it has probably been reprogrammed. To clear out any macros mistakenly created, hit Ctrl+Alt+Suspnd Macro. The program light will blink for a few minutes and then go off. This should fix the problem. If not, either your Ctrl or Alt key has been reprogrammed. To rectify this, simply hit the following keys: Remap, Ctrl, Ctrl, Alt, Alt, Remap. Then hit Ctrl+Alt+Suspnd Macro. (taken from Spring 1993 issue of the *Gateway Monitor*)