Kelvin Video64 On-Line Manual

For information on how to use Help, press F1.

SECTION 1: HARDWARE

INSTALLING KELVIN VIDEO64

Whether you are a beginner or experienced user, Kelvin Video64's innovative design allows you to get up and running quickly (see the Kelvin Video64 diagram below).

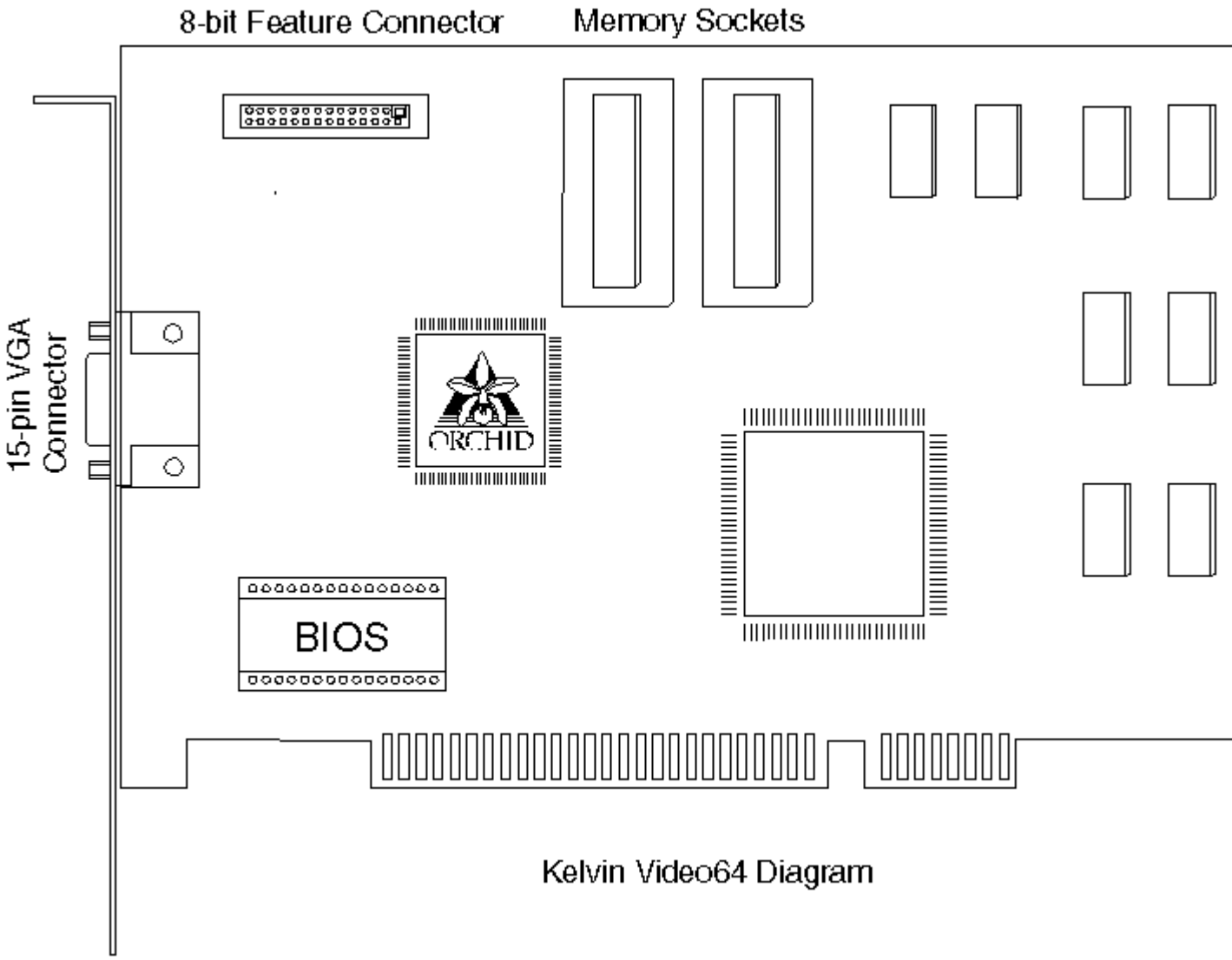
NOTE*:* Before handling the Kelvin Video64, be properly grounded by touching the power supply housing.

Hardware Installation

If you will be adding additional memory to the Kelvin Video64, refer to the section "Adding Memory."

1. Turn off the power to your computer and remove the computer cover.
2. Select a PCI expansion slot for Kelvin Video64.
3. Remove the rear slot cover bracket if it is present and save the screw.
4. Carefully hold Kelvin Video64 by the top edges and lower it into its expansion slot. Ensure that Kelvin Video64 seats firmly into the slot.
5. Secure it in place by fastening its metal bracket to the computer backplane.
6. Replace the cover of the computer.
7. Connect your monitor cable to the 15-pin monitor connector on Kelvin Video64 (see the diagram below).

You are now ready to install the Kelvin Video64 software. Refer to Section 2: Software Installation.



Kelvin Video64 Diagram

NOTE*:* 15-pin VGA connector (see Appendix A)
8-bit feature connector (see Appendix A)
Memory sockets are available for two memory chips (see “Adding Memory”)

ADDING MEMORY

If your Kelvin Video64 comes configured with 1MB of DRAM memory, you can easily upgrade to 2MB. The additional memory is automatically detected by Kelvin Video64 and must meet the following specifications:

- 256K x 16 DRAM
- Operate at 70 nanoseconds access time or faster. The access time is usually indicated on the chip as follows:

  -7 = 70 nanoseconds access time

Installing the memory chips

To add 1MB of memory to your Kelvin Video64, you will need to install two 256K x 16 DRAM chip into the empty sockets. NOTE*:* Avoid electrostatic discharge when handling the memory chips. Be properly grounded by touching the power supply housing. Follow the steps below for proper installation.

1. To install a memory chip, position it over the empty socket.

2. Place the memory chip down into the socket.

3. Evenly press each side of the memory chip down into the socket. You will hear a small "snap" as the chip is fully installed.