The VGA controller is supplied with software drivers for the following application programs:

- MS Windows® 3.1, MS Windows® NT, MS Windows® 95
- MS Windows DPMS®
- Galileo™
- Autodesk™
- 3D Studio™
- AutoShade™
- MicroStation PC™
- OS/2™

→ **NOTE : Please refer to the READ.ME file on the driver diskette for installation instructions and news of more recent updates. Software drivers for other Operating Systems may be available in the future or upon request.**

The Connector

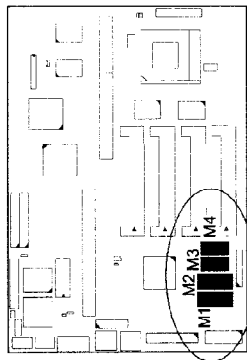This 15 D-Sub female connector is linked to the VGA monitor with a cable.

VGA Connector: VGA

VGA Subsystem

The PAC-2003 has a built-in Cirrus Logic 5446 VGA controller that supports the resolutions of up to 1280 x1024 in 256 colors. The related data about resolutions are listed in Appendix A. To upgrade the onboard video DRAM to 2 MB, insert two 256K x 16Bit - 7 (SOJ-type) DRAMs at the sockets of M1 and M2.

The instructions in this chapter assume that you understand elementary concepts of MS-DOS. Before running any utilities or installing any drivers, an understanding of the MS-DOS directory structure and operations is needed to perform functions like formatting of diskettes, copying and deletion of files, and so on.

The PAC-2003 supplies drivers for DOS and Windows-based programs. These drivers will help you utilize and enhance your system's video subsystem. The driver diskette contains a READ.ME file that is accessible through any word processor using the ASCII or non-document mode.

→ **NOTE :**
1. You should have made backup copies of the original diskettes and should be using the backup ones.
2. Be sure to use the correct chips for the amount of DRAM you want to add. Always observe static electricity precautions.