

## 3DIMAGE9750 2D/3D AGP GRAPHICS AND VIDEO ACCELERATOR

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- (1) Minimum system requirement  
486DX/Pentium PCI/AGP system.
  - (2) Software Driver Supported
    - AutoCAD v11, v12, v13
    - MS Windows 95
    - MS Windows v3.x
    - Windows NT v4.0 (optional)
  - (3) Specifications
    - high performance 64-bit GUI accelerator
    - Supports extensive high-extensive high-performance 3D functionality.
    - Accelerates the most frequently used 2D GUI/video operations.
    - Supports VESA Display Power Management Signaling (DPMS) and VESA DDC2B
    - 3D Graphic Acceleration.
    - Can output to TV with NTSC and PAL system (optional)
    - Video Playback acceleration
  - (4) Windows 3.1x Drivers installation
    1. Ensure that MS Windows 3.1x is up and running properly, using standard VGA driver
    2. Select the MAIN group in the Program Manager
    3. Click on FILE or press ALT-F
    4. Click on RUN or PRESS R to select command line.
    5. TYPE in "A:TINSTALL" (if the display driver is in the B drive then TYPE in "B:TINSTALL") and then PRESS ENTER
    6. A menu will appear, present a choice of Express or Custom installation.

Express installation is quick and decision free. Display drivers will be copied into the TRIDENT.SGI directory and Utility files will be copied into the TRIDENT.UTL directory. Once all files are copied, a program group called DISPLAY DRIVER AND UTILITIES will be created.

Custom installation allows control over file storage and in what program group the icons placed. The first dialog box that appears shows the default directory to which the display drivers will be copied. To change the directory name select the default name, delete it and then enter the desired directory name. Once the desired directory name is selected, continue the installation procedure by selecting CONTINUE, or by pressing ENTER. The next dialog box displays a summary of where files are stored. Select CONTINUE to copy the drivers and utilities files. When all files are copied, the program will present a choice of program groups where the icons will be created. Create a new group to place the utility icons or select from pre-existing group (e.g. main, applications, accessories etc.). When all necessary files are copied and a group name is selected, the TINSTALL program will create three icons:

- a. Screen Control (Used to configure display drivers).
- b. DPMS (used for power management configurations).
- c. Uninstall (Used to delete the installed TRIDENT drivers).

NOTE: Different "display driver set" versions. Cannot be installed to the same directory name.

"Display driver sets" of the same version number (e.g. US6.x) will replace the existing one.

(5) Windows 95 Display Driver Installation

1. ENSURE that MS Windows 95 is up and running properly.
2. INSERT the VGA Drivers CDROM into your CD-ROM Drive.
3. POSITION the mouse cursor in the wall paper area of your Windows 95 desktop and then press the right mouse button.
4. SELECT the "Properties" selection bar.
5. SELECT the "Settings" page inside of Display Properties windows.
6. SELECT either the "Change Display Type" or the "Advanced Properties" selection bar, and then SELECT the "Change" button next to Adapter Type.
7. On the "Select Device" page, SELECT the "Have Disk" button.
8. SELECT the "Browse" button to browse the directory "D:\TRIDENT\9750\WIN95" of your CD-ROM drive. Assume D: is your CD-ROM Drive.
9. SELECT "OK" to start installing the driver files from the diskette drive.
10. SELECT "OK" button to close the "SELECT DEVICE" window.
11. CLOSE the Display Properties window and Windows 95 will prompt you to restart Windows 95.
12. Windows 95 will be using the your installed driver once it re-started.

(6) Windows NT 4.0 Display Driver Installation

1. SELECT the "Display" icon in control panel and then SELECT the "Settings" page.
2. SELECT "Display Type..." button in the "Settings" page.
3. SELECT "Change..." button from the Adapter type section.
4. SELECT "Have Disk..." button from the Change Display page.
5. Microsoft Windows NT 4.0 will prompt you for the correct path where the VGA drivers are located. ENTER the path "D:\TRIDENT\9750\NT40" after you have inserted the VGA CDROM Driver into your CD-ROM Drive. Assume D: is your CD-ROM Drive.
6. If the driver is listed under the Display list, SELECT the "OK" button to continue.
7. Once the driver files are copied, RESTART Microsoft Windows NT 4.0 for the changes to take effect.
8. SELECT the desired color palette (the number of colors), desktop area (resolution), and refresh frequency in the settings page of Display Properties and then SELECT the "Test" button in the same page to determine whether your selection works properly. SELECT "Apply" to active the selected mode.

(7) Dos Driver and Utility

Insert Dos Driver & Utilities Diskette into Drive A.

From drive A type: README [Enter]

Choose whether you would like the contents of the utility disk expanded to C:, D:, E: drive. Be sure the destination hard drive has at least 3MB of space available.

Once all files have been copied/expanded to the hard drive, the Dos Dirver/utility program may be started by typing README from the TVGAUTIL directory on your selected hard drive.

(8) TV output (Optional)

This VGA product is capable of displaying all stangard and some extended VGA video modes on an NTSC or PAL TV. Resolutions up to 640x480 can be displayed on PAL TV's. Extra features are built-in to reduce line flickering and to vertically scale the image for TV display.

The image can be displayed on a TV display in either overscan mode, as in normal TV displays where the image fills the entire screen, or in

underscan mode as is done in normal VGA monitors where the image edges are visible with a dark space between them and the monitor's edges.

#### (9) Hardware Configuration

Some VGA Board has Jumper JP1. Jumper JP1 is used to configure the adapter for VGA or TV Out at boot-up. Only one display (either a TV or VGA monitor) can be used at a time, after boot-up, it is software selectable. (This card supports either NTSC or PAL TV system).