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*                   Intel740™ Graphics Accelerator                   *
*       Windows* 98 And Windows* 95 Software Driver Release PV1.5     *
*                          May 25, 1998                              *
*                                                                    *
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PLEASE READ THE INFORMATION CONTAINED IN THIS README BEFORE USING THE INTEL740™ DRIVERS

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README Contents:

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1.0 Introduction
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This README file contains the installation procedure and usage
information for the production Intel740™ graphics accelerator
software, and latest version of DirectX*. The software and hardware
requirements for this release are as follows:

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## Software Drivers Release (SDR) Version:  PV1.5
## Windows* 95 Version:                     OSR2.1 or 2.5**
## Windows* 98 Version:                     RCO (1691)
## DirectX* 5.0 Version:                    RC2-Gold (4.05.01.1650)
## Video BIOS version:                      212, 220
## Intel740 graphics accelerator stepping   A2
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 Version number

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## Driver                               Version #
   PV1.0                                4.10.01.1516-980316
   PV1.0a                               4.10.01.1526-980326
   PV1.5                                4.10.01.1701-980501
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VIDEO BIOS	PV 1.0	PV1.0a	PV1.5
VB212	yes	yes	yes
VB220	no	no	yes

       * Video BIOS/Driver compatible combination.

**When loading the Intel740 drivers and OSR2.1 or OSR 2.5for the first
time, the software should be loaded in the following order:
       (1) Load OSR2.0 or OSR 2.5
       (2) Load The "USB Supplement" (brings it up to OSR2.1 level or
           OSR2.5)
       (3) Load The Intel740™ drivers.
       Note: If this is not done in this order, then the standard Microsoft
       VGA drivers will be automatically loaded.

Also included are release notes describing any problems or issues that
were known at the time of shipment.


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2.0 Release Notes
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 Production Version 1.0
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       (1) Supports all 2D and Direct3D operations
       (2) Supports software and hardware DVD(glueless interface daughter
           card solutions- Zoran* and C-Cube Mircrosystems*).
       (3) Issue: When running Winbench98* quality tests, a page fault
           error may occur when the user selects "All Tests" or "All Quality
           Tests". Intel plans to fix this issue in the next production
           release of the drivers.

 Production Version 1.0a

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    (1) Same as PV1.0, except issue #3 (above) has been fixed.

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 Production Version 1.5
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    (1) Same as PV 1.0 and 1.0a with additional bug fixes.
    (2) TV-Out support has been added (Requires video BIOS VB220)
         Issues:
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         a.NTSC, NTSC-J, and PAL formats supported.
         b.The Brightness, position, size, and flicker filter tv-out
           settings, accessible in the tv-out properties page, may need
           to be reset each time the PC system is either reset or powered
           off. Position and size settings may also need to be reset
           after a display mode change.
         c.This driver release has been validated to work with the
           Brooktree*, BT868/869 revision "C" tv-out encoder, (only).
         d.A portion of the tv display may disappear after a display mode
           change. This has been observed to occur after approximately
           200 hours of use.
         e.720 x 480 and 720 x 576 resolutions are not supported in PAL
           mode.
         f.The tv display may become scrambled if the "position" setting
           ,accessible in the tv-out properties page, is adjusted when
           what is displayed on the tv screen exceeds what can be seen on
           the tv display monitor.
         g.In PAL mode, when powering up the PC system, or when in a full
           screen DOS mode, the display may appear too wide for the tv
           screen. Several characters on either side of the tv screen may
           disappear from view.
         h.At the bottom of the display, a one pixel wide horizontal line may
           appear.
         i.Immediately after power-up, the tv display may appear scrambled. This
           occurs in approximately 1 out of 100 system power-ups.
         j.In a tv-out only configuration, after entering a DOS window from the
           windows desktop, and then going to a full screen DOS window
           (by either hitting alt-enter or the full screen ICON located on the
           Windows* toolbar),the display may become scrambled.
         k.The mouse, not the keyboard, must be used to adjust the
           settings in the tv-out properties page.
         l.The size control in the tv-out properties page appears to be
           adjustable when in 800x600 and 720x576 resolutions, however,
           when clicked, they have no effect.

 (3) Issue: When running WinBench98*, Business Graphics Winmark*, a page fault
            may occur when the test is run multiple times. This has been
            observed on driver release PV1.0, PV1.0a, and PV1.5.

        ** Intel plans to fix the above anomalies in the next driver
           release.

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 Features currently not supported
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    (1) VFW-video capture**, tv tuner**
    (2) Intercast**
    (3) OpenGL**

    ** Intel plans to support this in a future release.
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Please see the Intel740™ Graphics Accelerator Specification Update
documents for the most up-to-date information concerning Intel740™
graphics accelerator hardware and driver issues and errata.


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3.0  Intel740 Graphics Accelerator Driver Installation Procedure
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 General Installation Notes
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** The operating system and DirectX* must be installed on the system
prior to installation (note: DirectX* is provided on the CD along with
the Intel740 drivers). To update or install DirectX*, simply go to the
DirectX* directory on the CD and click on "Setup.exe".

** This installation procedure is specific only to the version of
driver and installation file included in this release.

** The ".INF" file is the installation file and includes all of the
driver and Graphics properties page files associated with this
release.

** This procedure assumes that all of the software associated with
this release is located in the same directory.


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 Installing the Drivers from floppy disk or hard disk
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(1) After Windows has loaded, click on "My Computer" icon, "Control
Panel" icon, and then the "Display" icon.

(2) You should now be in the "Display Properties" window. Select the
"Settings" tab, and click on the "Advanced Properties" button.

(3) In the "Advanced Display Properties" window, select the "Adapter"
tab, and click the "Change..." button.

For Windows* 95 installation, continue to Step 4. In Windows* 98, the
following window appears:

(A) The "Update Device Driver Wizard" window appears. If you are
installing the Intel740™ graphics accelerator card and drivers for the
first time, this window may denote Intel740™ graphics accelerator as a
"Standard PCI VGA Graphics Adapter." Click on the "Next" button to
continue.

(B) A new window appears, prompting for weather to have Windows
search for a device driver or to manually select one. Click the
option for "Display a list of all the drivers in a specific location,
so you can select the driver you   want." After this, click on the
"Next" button, and continue to Step 4.

Continue with both Windows* 95 and Windows* 98 installation from this
point.

(4) From the new window, click on the "Have Disk" button.

(5) You should now be in the "Install From Disk" window. In the "Copy manufactures files from:" box, enter the location of the Intel740™ graphics accelerator drivers and press the "OK" button.

(6) A window should pop up stating that the " Intel740-854 Win9x PC1.0a 3.1.1526-980326" drivers are about to be installed. Click the "OK" button to accept the display driver change, and then click the "Close" button in the "Advanced Display Properties" window as well as the "Display Properties" window to complete the installation. Restart the computer when prompted to do so.

(7) The drivers should now be loaded. To determine if the drivers have been loaded correctly, Refer to the "Verifying Installation" section, below.

 Installing the Drivers from CD (auto installer)
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(1) Insert the Intel740™ graphics accelerator driver CD

(2) "Display Adapter Software Setup" window will open. If the window does not open, run setup from the CD.

(3) Click on Install Drivers button.

(4) Follow instructions on screen. Note: do not click on any buttons while installing.

(5) After installation is complete, it will ask you do you want to restart system. Remove the CD then click yes.

**** Verifying Driver Installation

(1) From the Windows 9x desktop, click on "My Computer", then "Control Panel", and then, finally, "System".

(2) You should be in the "System Properties" window. Click on the "Device Manager" tab. From here, go down to "Display Adapter" and click. The drivers associated with the display adapter should read: "Intel740-854 Win9x PC1.0a 3.1.1526-980326". If this is not the case, the drivers will need to be re-installed.

**** Un-installing the Drivers and Graphics Configuration Manager.

(1) From the Windows 9x desktop, click on "My Computer" and then "Add/Remove Programs".

(2) Click on "Intel740 Graphics Accelerator" and then Add/Remove".

(3) Follow the instructions by clicking on "yes" as indicated.

(4) The drivers and Graphics Properties page should now be un-installed. After this, another revision of the drivers may be loaded by following the above installation instructions.

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4.0 Contacting Intel Technical Support
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For technical support, please call
United States:1-800-628-8686.

Argentina: 1-800-200-1111
Brazil: 811-408-5540
Chile: 800-532-992
Colombia: 980-12-2118
Mexico: 1-800-628-8686

Belgium: 027 143158
England   44-1793-404-900
France: 01.41.91.85.58
Germany: 069 95096116
Italy: 02-69633262
Sweden: 08-58771104
Netherlands: 0602 24939
United Kingdom: 0990 168700

Questions regarding the Intel740 drivers can also be emailed to
support@mailbox.intel.com

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5.0 Web Site location and access
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Several web sites have been provided for access to the latest drivers and
driver related information, including software and hardware issues.
The developers web site is located at:
http://developer.intel.com/design/graphics/740.htm.

The public web site is located at:
http://developer.intel.com/design/graphics/drivers.

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