

```
*****
*                               Intel740™ Graphics Accelerator                               *
*                               Windows* NT 4.0 Software Driver Release (SDR - PV1.5)         *
*                               May 13, 1998                                                *
*                                                                                          *
*****
```

**PLEASE READ THE INFORMATION CONTAINED IN THIS README BEFORE USING THE
INTEL740™ DRIVERS**

```
*****
```

Information in this document is provided in connection with Intel products. No license, express or implied, by estoppel or otherwise, to any intellectual property rights is granted by this document. Except as provided in Intel's Terms and Conditions of Sale for such products, Intel assumes no liability whatsoever, and Intel disclaims any express or implied warranty, relating to sale and/or use of Intel products including liability or warranties relating to fitness for a particular purpose, merchantability, or infringement of any patent, copyright or other intellectual property right. Intel products are not intended for use in medical, life saving, or life sustaining applications. Intel may make changes to specifications and product descriptions at any time, without notice.

The Intel740™ graphics accelerator may contain design defects or errors known as errata which may cause the product to deviate from published specifications. Current characterized errata are available upon request.

The hardware vendor remains solely responsible for the design, sale and functionality of its product, including any liability arising from product infringement or product warranty.

Copyright (c) Intel Corporation 1998.

*Third-party brands and names are the property of their respective owners.

```
*****
*****
```

README Contents:

- 1.0 Introduction
- 2.0 Release Notes
- 3.0 Intel740™ Driver Installation Procedure
- 4.0 Contacting Intel Technical Support
- 5.0 Web Site Location and Access

1.0 Introduction

This README file contains the installation procedure and usage information for the Intel740 graphics accelerator Windows* NT 4.0 production software. The software and hardware requirements for this release are as follows:

** Software Drivers Release (SDR) Version:	PV1.5
** Windows* NT 4.0 Version:	Service Pack 3.0
** Video BIOS version:	212,220
** Intel740 graphics accelerator stepping	A2

VIDEO BIOS PV 1.0 PV1.5

-----	-----	-----
VB212	yes	yes
VB220	no	yes

* Video BIOS/driver compatible combination.

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

2.0 Release Notes

----- Production Version 1.0 -----

- (1) Supports all 2D and 3D (OpenGL*) operations.
- (2) The PV1.0 drivers do function in a multiprocessor environment. This includes a system with two or more processors or a uniprocessor system that runs with a multiprocessor, NT 4.0 kernel. Intel plans on fixing this issue in a future driver release.

----- Production Version 1.5 -----

- (1) Same as PV 1.0 with additional bug fixes (including multiprocessor issue #2 above).

----- Features currently not supported -----

- (1) VFW-video capture**, tv tuner**
- (2) TV-Out**
- (3) Intericast

**Intel plans to support this feature in a future release

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.

3.0 Intel740 Driver Installation Procedure

----- General Installation Notes -----

** The operating system must be installed on the system prior to installation.

** 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.

----- Installing the Drivers -----

(1) Before installing the Intel740 graphics accelerator drivers, first make sure that the Windows NT default VGA graphics adapter drivers are currently installed. To do this, click on "My Computer" and then "Control Panel". In the "Control Panel" window, click on "Display". In the "Display Properties" window, click on the "Settings" tab. Click the "Display Type" button and if the VGA graphics adapter is the current graphics adapter, go to step 2 below, otherwise click "Change".

In the "Change Display" window, highlight the "Standard Display Types" under the Manufacturers column and then highlight the "VGA Compatible Display Adapter" under the Display column. Click "OK". After the drivers have been successfully installed, click "OK" in the "Installing Driver" Window. Click the close button in the "Display Type" window and then again click "Close" in the "Display Properties" window. Restart the computer when the prompted to do so.

After rebooting, the "Invalid Display Settings" window will appear. Press "OK" and change the resolution settings, if desired. If you choose to change the resolution and/or color depth settings, follow the instructions on the screen.

(2) After Windows NT 4.0 has loaded, click on "My Computer" icon, "Control Panel" icon, and then the "Display" icon.

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

(4) "Display Type" window, click the "Change..." button.

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

(6) You should now be in the "Install From Disk" window. In the "Copy manufactures files from:" box, place the CD-ROM in the proper drive and click the "Browse..." button. The drivers are located in the

"\WinNT" directory of the CD-ROM. When the correct directory is chosen, click "OK" to continue the installation.

(7) A window should pop up stating that the " Intel740 Video Accelerator" drivers are about to be installed. Click the "OK" button to accept the display driver change, and then click the "Yes" button in the "Third Party Drivers" window as well as the "OK" button in the "Installing Driver" window. Click "Close" on the "Display Properties" window to complete the installation. Restart the computer when prompted to do so.

After rebooting, the "Invalid Display Settings" window will appear. Press "OK" and change the resolution settings, if desired. If you choose to change the resolution and/or color depth settings, follow the instructions on the screen.

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

Verifying Driver Installation

From the Windows NT desktop, click on "My Computer" then "Control Panel" then "Devices". In the "Devices" window, under the "Device" column the driver associated with the display adapter should read: "gfx40" and the "Status" column next to the driver should read "Started". If this is not the case, the drivers will need to be re-installed.

4.0 Contacting Intel Technical Support

For technical support, please call
United States: 1-800-628-8686.

Argentina: 001 800 200 1111
Brazil: 0008010
Chile: 800800311
Colombia: 980110010
Mexico: 958004624240

Belgium: 027 143158
England: 44-1793-404-900
France: 01.41.91.85.58
Germany: 069 95096116
Italy: 02-69633262
Sweden: 08-58771104
Nederland: 020-4874590
United Kingdom: 0990 168700

5.0 Web Site location and access

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>.

*Third-party brands and names are the property of their respective owners.