

# NEXTSTEP for Intel Processors Release 3.3

## Display Driver Overview

**Driver:** IBM ThinkPad 760ED Display  
**Driver Overview:** NeXTanswer #2491  
**Last Update:** September 2, 1997

## Availability Information

**Newer Released Driver in NeXTanswers\*:** No, Version 0.00, as NeXTanswer #  
**Newer Beta Driver in NeXTanswers\*:** Yes, Version 3.32, as NeXTanswer #2468

**Driver Name / Installer .pkg:** IBMThinkPad760EDDisplayDriver  
**Driver Type:** Display  
**Driver Scope:** Specific Product  
**Supported Components:** Trident Cyber9382, Trident Cyber9385  
**PC Bus / Interface Supported by Driver\*\*:** Integrated

**General Overview notes:** This device driver supports the built in LCD for IBM Thinkpad 760E, 760ED and 560 systems. The external monitor is also supported in all modes.

## Supported Products / Add-on Adapters:

**Supported Products / Systems (ie integrated into PC System):**  
IBM ThinkPad 760E  
IBM ThinkPad 760ED  
IBM ThinkPad 560

**Special Features of Driver / Driver Notes:**  
This device driver provides information in the Configure application's help panel. Choose

Info>Help from the Configure menu and scroll down to find this device driver's help topic.

## Display Driver Details

**Supported Connectors:** 15-pin High Density (VGA)

**Access Mode:** Linear Framebuffer

**Adapter Memory:** 1MB DRAM, 2MB DRAM

**Display Modes (Number in () after resolution indicates frame buffer size required)**

**32 Bit Color Modes\*\*:**

**16 Bit Color Modes\*\*:**

1024x768 (2MB+), 640x480 (1MB+), 800x600 (1MB+)

**8 Bit Color / Greyscale Modes\*\*:**

1024x768 (1MB+), 1280x1024 (2MB+), 640X480 (1MB+), 800x600 (1MB+)

## Known Problems

Due to ongoing development and testing of OPENSTEP 4.0, the beta version (v3.30) of this driver will neither be tested on NEXTSTEP 3.3 nor upgraded to "Released" status.

## Driver Version Notes

3.30 - Initial version of this driver

3.31 - Support added for ThinkPad 760E, and external monitor connector.

3.32 - Supports switching of display devices through "Fn-F7"

- Added support for 1280x1024 modes

- 70Hz modes replaced by 75Hz modes

## Future Planning

**Future / Update Planning:**  
**Reason for New Driver / Update:**  
**New Driver / Update Timeframe:**

**New Driver / Update Description:**

**Note:** Information contained in the "Future Planning" section of this document does not constitute a commitment on the part of NeXT to complete the planned development work.

- \* - Any NeXTanswer number that is blank indicates that a driver will not be released for this version of NEXTSTEP.
- \*\* - Indicates information that is inclusive of the entire capability of this driver. Not all devices supported by this driver may include all features listed. Check any available NeXTanswers and the hardware manual for the device for additional information.

**Product Vendor**