

Entry Number:

Title: **The ATI Ultra Pro and ATI Ultra**

Entry Date: **12 April 1993**

Product Vendor: **ATI**

Vendor Contact Information:

Hardware Platform: **Intel Processor Family**

Reported in Software Version: **NEXTSTEP Release 3.1**

Keywords: **ATI, Ultra, Mach, VLB, EISA**

Usage Commentary:

The ATI Ultra and ATI Ultra Pro display 1024 x 768 16 bit color graphics under NEXTSTEP. Both cards include the ATI Mach 32 video chipset. An ATI Ultra requires an EISA slot, and the ATI Ultra Pro requires a VESA Localbus slot. The ATI Ultra Pro will provide faster graphics due to the faster bus interface.

Both cards require two megabytes of video RAM in order to display color video under NEXTSTEP.

Setup and Installation:

It is not necessary to run the ATI configuration software when working with either of these cards under NEXTSTEP. The NEXTSTEP Release 3.1 driver supports optional parameters. These may be set via Configure.app.

In Configure.app, the 'width' and 'height' parameters are the width and height of the display in pixels. The 'refresh' parameter is the refresh rate of the monitor in Hz. The 'colorspace' parameter is of the form 'BW:x' where 'x' is the number of bits/pixel, or 'RGB:xyz/w' where 'x', 'y', and 'z' are the number of bits/component and 'w' is the number of bits/pixel.

The Intel GX/Professional uses the same video driver as the ATI Ultra Pro and ATI Ultra.

Known Problems: