Information for Tseng Chipset Users

The XFree86 Project, Inc. 13 November 1994

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1 Supported chipsets

The Tseng chipsets supported by XFree86 are ET3000, ET4000, and ET4000/W32. At this time, the accelerated features of the ET4000/W32 are not supported; the chipset is treated as a standard ET4000. For details about the accelerated ET4000/W32 server, refer to *README.W32* (`W32.html`).

2 Clock selection problems with some ET4000 boards

XFree86 has some problems getting the clock selection right with some ET4000 boards when the server is started from a high-resolution text mode. The clock selection is always correct when the server is started from a standard 80x25 text mode.

This problem is indicated when the reported clocks are different when the server is started from the high-resolution text mode from what they are when it is started from the 80x25 text mode. To allow the server to work correctly from the high-resolution text mode, there are some Option flags that may be set in `XF86Config`. To find out which flags to set, start the server with the -probeonly flag from an 80x25 text mode and look at the information printed by the server. If the line:

```
VGAXXX: ET4000: Initial hibit state: low
```

is printed, put the following in the SVGA, VGA16 and VGA2 sections of your `XF86Config`:

```
Option "hibit_low"
```

If the line:

```
VGAXXX: ET4000: Initial hibit state: high
```

is printed, put the following in the SVGA, VGA16 and VGA2 sections of your `XF86Config`:

```
Option "hibit_high"
```

3 Text mode restore problems

In XFree86 1.3, an option flag "force_bits" was provided as an experiment to attempt to alleviate text-restoration problems that some people experienced. We have now made the behavior of this option the default, hence the flag has been removed. Hopefully the past text-restoration problems are alleviated in XFree86 2.0.

`$XConsortium: tseng.sgml,v 1.2 95/01/23 15:34:58 kaleb Exp $`
`$XFree86: xc/programs/Xserver/hw/xfree86/doc/sgml/tseng.sgml,v 3.4 1995/01/28 16:03:19 dawes Exp $`