NAME
acpi_toshiba - Toshiba HCI interface

SYNOPSIS
To compile this driver into the kernel, place the following line in your kernel configuration file:

   device acpi_toshiba

Alternatively, to load the driver as a module at boot time, place the following line in loader.conf(5):

   acpi_toshiba_load="YES"

DESCRIPTION
HCI is Toshiba's *Hardware Control Interface* which is somewhat uniform across their models. The
acpi_toshiba driver allows the user to manipulate HCI-controlled hardware using a number of sysctl(8)
variables.

SYSCTL VARIABLES
The following sysctls are currently implemented:

hw.acpi.toshiba.force_fan
> Causes active cooling to be forcibly enabled ('1') or disabled ('0') regardless of the current
> temperature.

hw.acpi.toshiba.video_output
> Sets the active display to use according to a bitwise OR of the following:

> | | |
> |---|---|
> | 0 | No display |
> | 1 | LCD |
> | 2 | CRT |
> | 4 | TV-Out |

> Only some systems (i.e., the Libretto L5) support video switching via this hardware-specific
> driver. Use the acpi_video(4) driver for generic video output support.

hw.acpi.toshiba.lcd_brightness
> Makes the LCD backlight brighter or dimmer (higher values are brighter).

hw.acpi.toshiba.lcd_backlight
> Turns the LCD backlight on and off.

hw.acpi.toshiba.cpu_speed
>   Sets the CPU speed to the specified speed. This provides functionality similar to the
>   *hw.acpi.cpu.throttle_state* variable. Higher sysctl values mean lower CPU speeds.

Defaults for these variables can be set in sysctl.conf(5), which is parsed at boot-time.

LOADER TUNABLES

The *hw.acpi.toshiba.enable_fn_keys* tunable enables or disables the function keys on the keyboard. Function keys are enabled by default.

This behaviour can be changed at the loader(8) prompt or in loader.conf(5).

SEE ALSO

acpi(4), acpi_video(4), loader.conf(5), sysctl.conf(5), sysctl(8)

HISTORY

The **acpi_toshiba** driver first appeared in FreeBSD 5.1.

AUTHORS

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