

Jeremy's CPU Speed CSM 1.2.2

What is it?

Jeremy's CPU Speed CSM will display the current CPU speed, either as the actual clock speed, or using the famous turtle/hare icons to indicate fast or reduced speed. Additionally, you can also change what the clock speed will be after restart (on supported models).

Compatibility

The CPU Speed CSM will work on any PowerBook. It will also work on any PCI-Based Power Macintosh.

NOTE: The CPU Speed CSM does not determine the processor speed directly, but instead relies on the Mac OS to identify the clock speed. Some PPC upgrades or clock-chipped machines may not be identifiable by the Mac OS, and thus their clock speeds may not be accurately reflected. Users have reported that the NuPOWR 117MHz and 167MHz upgrades for the PowerBook 5xx line, and the 183MHz upgrade for the PowerBook 1400 line show inaccurate clock speeds.

Installing the CPU Speed CSM

To install the CPU Speed CSM, it must be placed in the Control Strip folder inside your system folder. Unfortunately, the Apple system software isn't smart enough to automatically realize that it should go there, so you must drag it to this folder manually.

- 1) Open your System folder.
- 2) Copy the Jeremy's CPU Speed CSM file to the Control Strip Folder in your System folder.
- 3) Restart your computer.

Configuring the CPU Speed CSM

When the Control Strip first appears after restarting, the CPU Speed module should be displayed, as shown below:

ou can toggle between a text only display showing the actual clock speed in MHz, or an icon display, by the popup menu associated with this module. To make the menu appear, click down anywhere on the CPU speed portion of the Control Strip, and it will pop up.

Display CPU speed using icons

When this item is selected, the relative CPU speed will be shown (either fast or slow), using the tortoise and hare icons. Otherwise, the actual clock speed in MHz is shown.

Display CPU speed after restart

When this item is selected, the CPU speed after restart will be shown. The CPU speed after restart can be affected by the PowerBook control panel or the "Use reduced/full CPU speed after restart" menu option.†

Use reduced(full) CPU speed after restart

When this item is selected, the CPU speed after restart will be altered. The new clock speed can be displayed using the menu option listed above. If you have already adjusted the clock speed but haven't restarted, the menu item will change to allow you to return to the current speed.†

†The ability to display and set the CPU speed after restart is available on supported models of PowerBooks. The following systems should be supported: Duo 210, 230, 250, or 270c running System 7.1 or later, or a PowerBook 140 through 180c running System 7.5 or later. The PowerBook 100, Duo 280/280c and PowerBook 500 series are not supported. This module also works on any PCI-based Power Macintosh, but these also cannot alter their clock speeds.

Revision History

1.2.2 - 4 November 1998

- Add support for dynamic clock speed change on G3 Series PowerBooks.

1.2.1 - 11 June 1996

- Check appropriate traps to prevent crashes on incompatible Mac's.

1.2.0 - 31 March 1996

- Now displays clock speed on single-speed PowerBooks.
- Converted to CodeWarrior.

1.1.1 - 29 March 1995

- Prevent CSM from interfering with screen savers.

1.1.0 - 4 October 1994

- Module won't load on PowerBooks incapable of running at reduced speeds.
- Added option to set CPU speed after restart.
- Added option to display speed after restart.
- Optimized code size.

1.0.0 - 25 August 1994
- First release.