

Coming up in Linux 5.3: ASUS TUF Gaming Laptop Support, Speed Select Technology (SST)

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- [Linux 5.3's ASUS WMI Driver Add ASUS TUF Gaming Laptop Support & More](#) [2]

The x86 platform driver updates were sent in and already merged for the ongoing Linux 5.3 kernel. It's the x86 platform driver updates that bring the recently mentioned Intel Speed Select Technology for Linux driver but there is also more.

Beyond the interesting Intel Speed Select support, the ASUS WMI driver has gone through a refactoring in order to support ASUS' TUF Gaming laptops. In the process, there's even been a regression fix for once popular Eee PC laptop models where their backlight were stuck permanently off.

- [Intel Speed Select Technology Comes To Linux With The 5.3 Kernel](#) [3]

With the in-development Linux 5.3 kernel is now support for Intel Speed Select Technology (SST) that was introduced as part of Cascade Lake processors. Speed Select Technology allows optimizing the system with per-core performance configurations to prioritize certain workloads while lowering the performance envelope for other cores.

With the Linux 5.3 kernel there is now an Intel Speed Select Technology driver with these granular power/performance controls. With Cascade Lake and newer, these power and performance profiles can be configured from the OS and done dynamically based upon the real-time needs.

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[1] <http://www.tuxmachines.org/taxonomy/term/63>

[2] https://www.phoronix.com/scan.php?page=news_item&px=Linux-5.3-Platform-x86-Updates

[3] https://www.phoronix.com/scan.php?page=news_item&px=Intel-Speed-Select-Linux-5.3