

By: ~~October 2009~~, Linux Editor

[Linux Kernel 2.6.27 Is Out](#)

Better webcam support!

Linux kernel 2.6.27 was [released](#) last night by its father, Linus Torvalds - "So not a lot happened after -rc9, which is mostly good. I certainly don't want to have any upheavals at the end of an -rc series, although I wouldn't have minded more people looking at the regression list. That said, I think we're in pretty good shape, and it's not like I can hold back releases indefinitely anyway." The new version brings improved support for many webcams, lots of new drivers and many other interesting features.

Highlights of Linux kernel 2.6.27:

- Lockless page cache and get_user_pages()
- Delayed allocation for Ext4 filesystem
- Kexec jump: kexec/kdump based hibernation
- OMFS and UBIFS
- Support for block layer data integrity
- Multiqueue networking
- Support for sysprof and ftrace
- Mmiotrace
- External firmware
- Better webcam support thanks to the gspca driver
- Extended file descriptor system calls
- Current and Voltage regulator

And now, let's have a look at some of the new drivers introduced in this release:

Networking:

- Added Atheros IEEE 802.11n driver
- Added Atheros L1E Gigabit Ethernet driver
- Intel Wireless WiFi Link 5000AGN support
- RTL8187B support
- Renesas SuperH Ethernet support

Sound:

- Added EM-X270 ASoC driver
- Added ALC663 support
- Added ASoC drivers
- Support for SGI HAL2 audio devices

V4L/DVB:

- Samsung DTOS403IH102A tuner support
- Added Anysee DVB-T/C receiver driver
- ATI TV Wonder HD 600 support
- Dvbworld DVB-S 2102 USB card support

Input:

- Added HTC Shift Touchscreen driver
- Added SGI O2 volume button driver
- Added Atmel touchscreen controller driver
- Added Macbook Air and Pro Penryn touchpad driver
- Added SuperH MigoR touchscreen driver

These are just a few of the new drivers available in the Linux kernel 2.6.27. To see a complete list of all the modifications, drivers, etc., please click [here](#).

You can download the 2.6.27 Linux kernel source right now from [Softpedia](#).