

# Platina PSW-3001-32C Coreboot Software Upgrade Process

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Instead of BIOS/GRUB/Onie, Platina PSW-3001-32C uses a custom Coreboot to boot the box and load Linux. Platina Coreboot loads much faster than BIOS, and is more flexible and secure than ONIE. More security features on Platina Coreboot are in the works.

## General Coreboot Upgrade Process

Coreboot image is stored in a separate code flash as part of the x86 CPU complex. Follow the procedure below to upgrade Coreboot software.

From the Linux prompt:

- Get the coreboot image.

wget <http://downloads.platinasystems.com/LATEST/coreboot-platina-mk1.rom>

- Load the software into flash (**this is a single line of command**)

```
sudo /usr/local/sbin/flashrom -p internal -l /usr/local/share/flashrom/layouts/platina-mk1.xml -i bios -w ./coreboot-platina-mk1.rom -A -V
```

(./coreboot-platina-mk1.rom can be replaced by wherever the file was downloaded to)

- Reboot. The system will automatically boot into Linux. Coreboot is upgraded at this point

Done