

# Bugs

## Spectre / Meltdown

[https://linuxreviews.org/HOWTO\\_make\\_Linux\\_run\\_blazing\\_fast\\_\(again\)\\_on\\_Intel\\_CPUs](https://linuxreviews.org/HOWTO_make_Linux_run_blazing_fast_(again)_on_Intel_CPUs)  
<https://romanrm.net/disable-meltdown-spectre-patches>

- Disable Spectre V4 `nospec\_store\_bypass\_disable` (Kernel 4.17)
- Disable Spectre V1 `nospectre\_v1` (Kernel 4.19)
- Control Spectre V2 complexity level: `spectre\_v2`, possible values: `off`
- Control

## Disable all Spectre / Meltdown patches

add to kernel commandline:

```
pti=off spectre_v2=off lltf=off nospectre_v1 nospec_store_bypass_disable
```

Or for Kernel 5.1.13

```
mitigations=off
```

## Enable maximum mitigations for Spectre / Meltdown attack

das

## spectre-meltdown-checker

```
sudo apt-get install spectre-meltdown-checker
```

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