

Statement

```
kernelConfig: desktop
kernelConfig: tradeoff-legacy
Carefully evaluate 'tradeoff-legacy' for specific use cases.
kernelConfig: tradeoff-harden
Carefully evaluate 'tradeoff-harden' for specific use cases.
warn: not:      Y: CONFIG_X86_INTEL_TSX_MODE_OFF
kernelConfig: virtualization-accessory
kernelConfig: virtualbox
kernelConfig: boot
kernelConfig: arch-x64
request: -march=sandybridge -mtune=skylake
export KCFLAGS="-O2 -march=sandybridge -mtune=skylake -pipe"
export KCPPFLAGS="-O2 -march=sandybridge -mtune=skylake -pipe"
hazard: MCOE2: CONFIG_MCOE2=y
kernelConfig: accessory
kernelConfig: build
kernelConfig: latency
warn: not:      Y: CPU_FREQ_DEFAULT_GOV_ONDEMAND
hazard: CONFIG_PREEMPT: CONFIG_PREEMPT=y
hazard: CONFIG_PREEMPT_RT:
request: Set 'bfq' as default IO scheduler (strongly recommended).
kernelConfig: memory
kernelConfig: integration
hazard: CONFIG_NTFS_RW:
warn: not:      Y: CONFIG_GENTOO_LINUX
warn: not:      Y: CONFIG_GENTOO_LINUX_UDEV
warn: not:      Y: CONFIG_GENTOO_LINUX_PORTAGE
warn: not:      Y: CONFIG_GENTOO_LINUX_INIT_SCRIPT
warn: not:      Y: CONFIG_GENTOO_LINUX_INIT_SYSTEMD
kernelConfig: investigation
warn: not:      M/Y: ACPI_HMAT
warn: not:      M/Y: CONFIG_UCLAMP_TASK
warn: not:      N: CPU_IDLE_GOV_TEO
warn: not:      M/Y: LOCK_EVENT_COUNTS
kernelConfig: investigation: docker
kernelConfig: investigation: prog
kernelConfig: convenience
kernelConfig: special
request: make menuconfig
request: make -j $(nproc)
request: make deb-pkg -j $(nproc)
```

Description

Linux kernel 'lts_5.10.61-intel' . Config file in this directory. Relatively stable and functional across many machines. IIRC (mirage335), the 'AMD' specific kernel was never required or used in production.

Some Intel machines may have had uptime exceeding months without incident.

AMD machine based on X339-E chipset and ThreadRipper 1950x CPU may have had an average uptime of three weeks, with graphics corruption incidents necessitating at least X server reset if not reboot.

Kernel command line parameters may have included:

```
"quiet amdgpu.pcie_gen2=0 systemd.log_level=debug systemd.log_target=kmsg log_buf_len=1M printk.devkmsg=on enforcing=0
printk_ratelimit=0 printk_ratelimit_burst=3600"
```

Kernel command line parameters for experiment or older kernel, not used with mentioned kernel or not used in production may have included:

```
quiet amdgpu.pcie_gen2=0 amdgpu.ppfeaturemask=0xffffffff
pci=noms,noaer
amdgpu.dc=1 pci=noms,noaer
quiet loglevel=0 amdgpu.dc=1
quiet amdgpu.pcie_gen2=0
```

Reference

<https://www.amazon.com/STRIX-GAMING-Threadripper-Motherboard-802-11AC/dp/B0756VTD19>

'ASUS ROG STRIX X399-E GAMING AMD Ryzen Threadripper TR4 DDR4 M.2 U.2 X399 EATX HEDT Motherboard with onboard 802.11AC WiFi, USB 3.1 Gen2, and AURA Sync RGB Lighting '