



# OpenCore v0.6.6 Intel Skylake-X Sanity Check

[Show Raw XML](#)

<https://dortania.github.io/OpenCore-Install-Guide/config-HEDT/skylake-x.html>

## ACPI

### Add

- ✓ **SSDT-AWAC.aml** Make sure this file is in your OC/ACPI directory
- ✓ **SSDT-EC-USBX-DESKTOP.aml** Make sure this file is in your OC/ACPI directory
- ✓ **SSDT-PLUG-DRTNIA.aml** Make sure this file is in your OC/ACPI directory
- ✓ **SSDT-RTC0-RANGE-HEDT.aml** Make sure this file is in your OC/ACPI directory

## Delete

### Patch

### Quirks

- ✓ **FadtEnableReset** = No
- ✓ **NormalizeHeaders** = No
- ✓ **RebaseRegions** = No
- ✓ **ResetHwSig** = No
- ✓ **ResetLogoStatus** = No

## Booter

### Patch

### MmioWhitelist

### Quirks

- ✓ **AllowRelocationBlock** = No
- ✓ **AvoidRuntimeDefrag** = Yes
- ⚠ **DevirtualiseMmio** = No but should normally be Yes
- ✓ **DisableSingleUser** = No
- ✓ **DisableVariableWrite** = No
- ✓ **DiscardHibernateMap** = No
- ✓ **EnableSafeModeSlide** = Yes
- ⚠ **EnableWriteUnprotector** = Yes but should normally be No
- ✓ **ForceExitBootServices** = No
- ✓ **ProtectMemoryRegions** = No
- ✓ **ProtectSecureBoot** = No
- ⚠ **ProtectUefiServices** = Yes but should normally be No
- ✓ **ProvideCustomSlide** = Yes
- ✓ **ProvideMaxSlide** = 0
- ⚠ **RebuildAppleMemoryMap** = No but should normally be Yes
- ⚠ **SetupVirtualMap** = No but should normally be Yes
- ✓ **SignalAppleOS** = No

✔ SyncRuntimePermissions = Yes

## DeviceProperties

Add

Delete

Kernel

Add

- ✔ Lilu.kext make sure this Kext is in your **OC/Kexts** directory and the first kext listed here
- ✔ VirtualSMC.kext make sure this Kext is in your **OC/Kexts** directory
- ✔ AppleALC.kext make sure this Kext is in your **OC/Kexts** directory
- ✔ IntelMausi.kext make sure this Kext is in your **OC/Kexts** directory
- ✔ NVMeFix.kext make sure this Kext is in your **OC/Kexts** directory
- ✔ WhateverGreen.kext make sure this Kext is in your **OC/Kexts** directory
- ✔ SmallTreeIntel8259x.kext make sure this Kext is in your **OC/Kexts** directory
- ✔ AGPMEnabler.kext make sure this Kext is in your **OC/Kexts** directory
- ✔ SMCPProcessor.kext make sure this Kext is in your **OC/Kexts** directory
- ✔ SMCSuperIO.kext make sure this Kext is in your **OC/Kexts** directory
- ✔ ACPI Sensors.kext make sure this Kext is in your **OC/Kexts** directory
- ✔ CPUSensors.kext make sure this Kext is in your **OC/Kexts** directory
- ✔ GPUSensors.kext make sure this Kext is in your **OC/Kexts** directory
- ✔ LPCSensors.kext make sure this Kext is in your **OC/Kexts** directory

Block

Emulate

✔ DummyPowerManagement = No

Force

Patch

Quirks

- ✔ AppleCpuPmCfgLock = No
- ✔ AppleXcpmCfgLock = Yes You should disable CFG-Lock in your bios instead of using this
- ✔ AppleXcpmExtraMsrs = No
- ✔ AppleXcpmForceBoost = No
- ✔ CustomSMBIOSGuid = Yes This is only required if you have a Dell or VIAO motherboard
- ✔ DisableIoMapper = Yes
- ✔ DisableRtcChecksum = No
- ✔ ExtendBTFeatureFlags = No
- ✔ LegacyCommpage = No
- ✔ ExternalDiskIcons = No
- ✔ ForceSecureBootScheme = No
- ✔ IncreasePciBarSize = No
- ✔ LapicKernelPanic = Yes This is only required if you have an HP laptop
- ✔ PanicNoKextDump = Yes
- ✔ PowerTimeoutKernelPanic = Yes
- ✔ SetApfsTrimTimeout = -1
- ✔ ThirdPartyDrives = No
- ✔ XhciPortLimit = Yes turn off after USB port mapping

## Scheme

## Misc

## BlessOverride

## Boot

- ✔ PollAppleHotKeys = No
- ✔ ShowPicker = Yes
- ✔ TakeoffDelay = 0
- ✔ ConsoleAttributes = 0
- ✔ HibernateMode = None
- ✔ LauncherOption = Disabled LauncherOption set correctly
- ✔ LauncherPath = Default
- ⚠ PickerMode = External but should normally be BuiltIn
- ✔ HideAuxiliary = No
- ✔ PickerAttributes = 17
- ✔ PickerAudioAssist = No
- ⚠ Timeout = 0 but should normally be 5
- ✔ PickerVariant = Modern

## Debug

- ✔ AppleDebug = Yes
- ✔ ApplePanic = Yes
- ✔ DisableWatchDog enabling this will help debugging
- ✔ Target = 67
- ✔ DisplayLevel see [Debugging Docs](#) for more info debug display levels
- ✔ DisplayDelay = 0

## Entries

## Security

- ✔ AllowNvramReset = Yes
- ✔ AllowSetDefault = Yes
- ✔ ApECID = 0
- ✔ AuthRestart = No
- ✔ BlacklistAppleUpdate = Yes
- ✔ DmgLoading = Signed
- ✔ EnablePassword = No
- ✔ Vault = Optional
- ✔ SecureBootModel = Disabled SecureBootModel set correctly
- ✔ HaltLevel = 2147483648
- ✔ ExposeSensitiveData = 6
- ✔ ScanPolicy = 0

## Tools

- ℹ You can remove the tool EFIs here

## NVRAM

- ✔ LegacyEnable = No
- ✔ LegacyOverwrite = No
- ✔ WriteFlash = Yes

## Add

- ✔ UIScale = 01
- ✔ DefaultBackgroundColor = 00000000
- ✔ boot-args = -v keepsyms=1 debug=0x100 alcid=1
- ✔ run-efi-updater = No
- ✔ csr-active-config = 00000000
- ✔ prev-lang:kbd = *-blank-*
- ✔ SystemAudioVolume = 46

## Delete

## LegacySchema

## PlatformInfo

- ✔ Automatic = Yes
- ✔ UpdateDataHub = Yes
- ✔ UpdateNVRAM = Yes
- ✔ UpdateSMBIOS = Yes
- ✔ UpdateSMBIOSMode = Custom This is only required if you have a Dell or VIAO motherboard

## CustomMemory

## Generic

- ✔ SpoofVendor = Yes
- ✔ AdviseWindows = No
- ✔ ProcessorType = 0
- ✔ SystemMemoryStatus = Auto
- ✔ MaxBIOSVersion = No
- ✔ SystemProductName = iMacPro1,1
- ✔ MLB is set
- ✔ ROM is set
- ✔ SystemSerialNumber is set
- ✔ SystemUUID is set

## UseRawUuidEncoding

## UEFI

- ✔ ConnectDrivers = Yes

## Drivers

- ✔ HfsPlus.efi
- ✔ OpenRuntime.efi
- ✔ OpenCanopy.efi

## APFS

- ✔ EnableJumpstart = Yes
- ✔ GlobalConnect = No If you have an HP motherboard and can't see APFS drives in OpenCore, please enable this
- ✔ HideVerbose = Yes
- ✔ JumpstartHotPlug = No
- ✔ MinDate = 0
- ✔ MinVersion = 0

## Audio

- ✔ **AudioSupport** = No
- ✔ **AudioDevice** = PciRoot(0x0)/Pci(0x1b,0x0)
- ✔ **AudioCodec** = 0
- ✔ **AudioOut** = 0
- ✔ **MinimumVolume** = 20
- ✔ **PlayChime** = Auto
- ✔ **VolumeAmplifier** = 0
- ✔ **SetupDelay** = 0

## Input

- ✔ **KeyFiltering** = No
- ✔ **KeyForgetThreshold** = 5
- ✔ **KeyMergeThreshold** = 2
- ✔ **KeySupport** = Yes
- ✔ **KeySupportMode** = Auto
- ✔ **KeySwap** = No
- ✔ **PointerSupport** = No
- ✔ **PointerSupportMode** = ASUS
- ✔ **TimerResolution** = 50000

## Output

- ✔ **TextRenderer** = BuiltinGraphics
- ✔ **ConsoleMode** = *-blank-*
- ✔ **Resolution** = Max
- ✔ **ForceResolution** = No
- ✔ **ClearScreenOnModeSwitch** = No
- ✔ **IgnoreTextInGraphics** = No
- ✔ **ProvideConsoleGop** = Yes
- ✔ **DirectGopRendering** = No
- ✔ **ReconnectOnResChange** = No
- ✔ **ReplaceTabWithSpace** = No
- ✔ **SanitiseClearScreen** = No
- ✔ **UgaPassThrough** = No

## ProtocolOverrides

- ✔ **AppleAudio** = No
- ✔ **AppleBootPolicy** = No
- ✔ **AppleDebugLog** = No
- ✔ **AppleEvent** = No
- ✔ **AppleFramebufferInfo** = No
- ✔ **AppleImageConversion** = No
- ✔ **AppleImg4Verification** = No
- ✔ **AppleKeyMap** = No
- ✔ **AppleRtcRam** = No
- ✔ **AppleSecureBoot** = No
- ✔ **AppleSmcIo** = No
- ✔ **AppleUserInterfaceTheme** = No
- ✔ **DataHub** = No
- ✔ **DeviceProperties** = No
- ✔ **FirmwareVolume** = No If you plan to use FileVault2, please enable this
- ✔ **HashServices** = No If you plan to use FileVault2, please enable this

- ✔ OSInfo = No
- ✔ UnicodeCollation = No

## Quirks

- ✔ DisableSecurityPolicy = No
- ✔ ExitBootServicesDelay = 0
- ✔ IgnoreInvalidFlexRatio = No
- ✔ ReleaseUsbOwnership = No
- ✔ RequestBootVarRouting = Yes
- ✔ TscSyncTimeout = 0
- ✔ UnblockFsConnect = No If you have an HP system, please enable this

## ReservedMemory