

OpenCore v0.6.4 Intel Skylake Sanity Check

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

- *#WARNING* - 1 this shouldn't be here
- *#WARNING* - 2 this shouldn't be here
- *#WARNING* - 3 this shouldn't be here
- *#WARNING* - 4 this shouldn't be here

ACPI

Add

- **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-HPET.aml** Make sure this file is in your OC/ACPI directory

Delete

Quirks

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

Patch

Booter

MmioWhitelist

Quirks

- **AllowRelocationBlock = No**
- **AvoidRuntimeDefrag = Yes**
- **DevirtualiseMmio = No**
- **DisableSingleUser = No**
- **DisableVariableWrite = No**
- **DiscardHibernateMap = No**
- **EnableSafeModeSlide = Yes**
- **EnableWriteUnprotector = Yes**
- **ForceExitBootServices = No**
- **ProtectSecureBoot = No**

- **ProtectMemoryRegions** = No
- **ProtectUefiServices** = No
- **ProvideCustomSlide** = Yes
- **ProvideMaxSlide** = 0
- **RebuildAppleMemoryMap** = No
- **SetupVirtualMap** = Yes
- **SignalAppleOS** = No
- **SyncRuntimePermissions** = No

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
- **SMCProcessor.kext** make sure this Kext is in your **OC/Kexts** directory
- **SMCSuperIO.kext** make sure this Kext is in your **OC/Kexts** directory
- **WhateverGreen.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** = No If you have a Dell or VIAO motherboard, please enable this
- **DisableIoMapper** = Yes
- **DisableRtcChecksum** = No

- **ExtendBTFeatureFlags = No**
- **LegacyCommpage = No**
- **ExternalDiskIcons = No**
- **ForceSecureBootScheme = No**
- **IncreasePciBarSize = No**
- **LapicKernelPanic = No** If you have an HP laptop, please enable this
- **PanicNoKextDump = Yes**
- **PowerTimeoutKernelPanic = Yes**
- **ThirdPartyDrives = No**
- **XhciPortLimit = No** enable if you have USB issues

Scheme

Misc

BlessOverride

Boot

- **ConsoleAttributes = 0**
- **PollAppleHotKeys = No**
- **ShowPicker = Yes**
- **TakeoffDelay = 0**
- **HibernateMode = None**
- **PickerMode = External** but should normally be **Builtin**
- **HideAuxiliary = No**
- **PickerAttributes = 1**
- **PickerAudioAssist = No**
- **Timeout = 5**

Debug

- **AppleDebug = Yes**
- **ApplePanic = Yes**
- **DisableWatchDog = Yes**
- **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**

- **BootProtect** = **Bootstrap**
- **DmgLoading** = **Signed**
- **EnablePassword** = **No**
- **Vault** = **Optional**
- **SecureBootModel** = **Default** SecureBootModel set correctly
- **HaltLevel** = **2147483648**
- **ExposeSensitiveData** = **6**
- **ScanPolicy** = **0**

Tools

- 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- (-blank-)**
- **SystemAudioVolume** = **46**

Delete

LegacySchema

PlatformInfo

- **Automatic** = **Yes**
- **UpdateDataHub** = **Yes**
- **UpdateNVRAM** = **Yes**
- **UpdateSMBIOS** = **Yes**
- **UpdateSMBIOSMode** = **Create** If you have a Dell or VIAO motherboard, please set this to

Custom

CustomMemory

Generic

- **SpoofVendor** = **Yes**
- **AdviseWindows** = **No**
- **ProcessorType** = **0**

- **SystemMemoryStatus = Auto**
- **SystemProductName = iMac17,1**
- **MLB** is set
- **ROM = 112233000000** You should set this to your NIC MAC address. See [PlatformInfo Docs](#)
- **SystemSerialNumber** is set
- **SystemUUID** is set

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**
- **VolumeAmplifier = 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

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

ReservedMemory