

# Ventura auf meine alte Kiste installieren - aber wie?

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schau mal in die Confuration.pdf

u.a. findest Du das:

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5. SystemProductName
Type: plist string
Fileside: Empty (OEM specified)
SMIBIOS: System Information (Type 1), Product Name
Description: Preferred Mac model used to mark the device as supported by the operating system. This value must be specified by any configuration for later automatic generation of the related values in this and other SMIBIOS tables and related configuration parameters. If SystemProductName is not compatible with the target operating system, -no_compat_check boot argument may be used as an override.

Note: If SystemProductName is unknown, and related fields are unspecified, default values should be assumed as being set to MacPro8,1 data. The list of known products can be found in AppleModels.

12.1.3 macOS 10.6
  • All previous issues apply.
  • SSE2 support is a requirement for macOS 10.6 kernel with 64-bit userspace enabled. This limitation can mostly be lifted by enabling the LegacyCompatibility option.
  • Last released installer images for macOS 10.6 are macOS 10.6.7 builds 10J3250 (for MacBookPro*,x) and 10J4159 (for Mac12,x), without Xcode(). These images are limited to their target model identifiers and have no -no_compat_check boot argument support. Modified images (with KEXT suffix) without model restrictions can be found here (MEICA Mirror), assuming macOS 10.6 is legally owned. Refer to the DIGEST.txt file for details. Note that these are the earliest tested versions of macOS 10.6 with OpenCore.

Model checking may also be erased by editing EFIInstall.spc with e.g. Flat-Path-Editor by making Distribution script to always return true in isSupportedCheck function. Since updating the only file in the image and not overriding other files can be difficult and may cause slow booting due to kernel cache data changes, it is recommended to script image rebuilding as shown below:

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9.5 Other Variables
The following variables may be used for certain configurations or troubleshooting:
  • KERNEL_ARGS=MEM=8192-8192-8192-8192-8192-8192-8192-8192
    Kernel arguments, used to pass configuration to Apple kernel and drivers. There are many arguments, which may be found by looking for the use of PR_args_init_args function in the kernel or driver code. Some of the known boot arguments include:
    - arg0=0 (force kernel architecture to 386, see kernelArch)
    - bootarg=VALUE (AppleUserFactory/Manager debug mask)
    - bootarg=none=1 (disable AppleUserFactory/Manager MMC interface)
    - apwr=VALUE (maximum number of CPUs used)
    - debug=VALUE (debug mask)
    - io=VALUE (IOKit debug mask)
    - iocore=1,debug=VALUE (IOCore/serializer debug mask)
    - keepmyself (slow point-by-point debug mode)
    - kernellog=VALUE (kernel extension loading debug mask)
    - kernel=arg=1 (enables AppleEFI/VUEAM logs)
    - no_devicecheck (disables NVTEA CPU verification)
    - nvda_arg=1 (legacy way to enable NVTEA with driver, removed in 10.12)
    - apci=0x0000 (arg=1, disables ACPI/IOAPIC/IGP/SMI/PIC)
    - logic_init_point=1 (disables logic queue timeout point on AP core)
    - panic_on_display_hang=1 (triggers panic on display hang)
    - panic_on_cpu_hang=1 (triggers panic on CPU hang)
    - serial=VALUE (enables serial logging mode). The following bits are used by XNU:
      * bit0 (SERIALMODE_OUTPUT, bit 0) - Enable serial output.
      * bit2 (SERIALMODE_INPUT, bit 1) - Enable serial input.
      * bit3 (SERIALMODE_SYNCMODE, bit 2) - Enable serial device synchronization.
      * bit8 (SERIALMODE_BAUD_TTY, bit 8) - Load Ram/Recovery/EFI/UEFI TTY.
      * bit10 (SERIALMODE_NO_DELAY, bit 4) - Prevent IOLog writing to serial.
    - allow=VALUE (normally set KASLR=0)
    - nocheck=VALUE (AppleDMC debug mask)
    - apple_wait_for_gpu=1 (reduce CPU moment on high load)
    - no_wait_for_gpu=1 (informative to WhatIsNew() - reduces for new GPUs)
    - enable_nvda_arg=1 (enables the AppleT/MC/CI/Driver)
    - no_compat_check (disables model checking on 10.7+)
    - + (single mode)
    - * (multi mode)
    - * (both mode)

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