

```
0:100 0:100 MemLog initied, TSC freq: 3199995469
0:100 0:000 CPU was calibrated with ACPI PM Timer
0:100 0:000
0:100 0:000 Now is 19.9.2020, 20:54:54 (GMT)
0:100 0:000 Starting Clover revision: 5070 on American Megatrends EFI
0:100 0:000 Build with: [Args: -D NO_GRUB_DRIVERS_EMBEDDED | -D NO_GRUB_DRIVERS_EMBEDDED -D USE_LOW_EBDA -a X64 -b RELEASE -t XCODE8
0:100 0:000 SelfDevicePath=PciRoot(0x0)\Pci(0x1F,0x2)\Sata(0x0,0xFFFF,0x0)\HD(1,GPT,37B585EF-E670-46D2-96C1-21E377344AF9,0x28,0x64000
0:100 0:000 SelfDirPath = \EFI\BOOT
0:100 0:000 SimpleTextEx Status=Success
0:100 0:000 === [ Get Smbios ] =====
0:100 0:000 Type 16 Index = 0
0:100 0:000 Total Memory Slots Count = 2
0:100 0:000 Type 17 Index = 0
0:100 0:000 SmbiosTable.Type17->Speed = 1333MHz
0:100 0:000 SmbiosTable.Type17->Size = 8192MB
0:100 0:000 SmbiosTable.Type17->Bank/Device = BANK 0 ChannelA-DIMM0
0:100 0:000 SmbiosTable.Type17->Vendor = 0000
0:100 0:000 SmbiosTable.Type17->SerialNumber = 0104A4DB
0:100 0:000 SmbiosTable.Type17->PartNumber =
0:100 0:000 Type 17 Index = 1
0:100 0:000 SmbiosTable.Type17->Speed = 1333MHz
0:100 0:000 SmbiosTable.Type17->Size = 8192MB
0:100 0:000 SmbiosTable.Type17->Bank/Device = BANK 2 ChannelB-DIMM0
0:100 0:000 SmbiosTable.Type17->Vendor = 0000
0:100 0:000 SmbiosTable.Type17->SerialNumber = 0104A448
0:100 0:000 SmbiosTable.Type17->PartNumber =
0:100 0:000 Boot status=0
0:100 0:000 Running on: 'All Series' with board 'H81M-PLUS'
0:100 0:000 === [ GetCPUProperties ] =====
0:100 0:000 CPU Vendor = 756E6547 Model=306C3
0:100 0:000 The CPU supported SSE4.1
0:100 0:000 BrandString = Intel(R) Core(TM) i5-4460 CPU @ 3.20GHz
0:100 0:000 The CPU supported turbo
0:100 0:000 MSR 0x35 40004
0:100 0:000 MSR 0xE2 before patch 1E000400
0:100 0:000 MSR 0xCE 00080838_F3012000
0:100 0:000 corrected FLEX_RATIO = 0
0:100 0:000 MSR 0x1B0 00000000
0:100 0:000 FSBFrequency = 101 MHz, DMI FSBFrequency = 100 MHz, Corrected FSBFrequency = 100 MHz
```

```
0:100 0:000 MaxDiv/MinDiv: 32.0/8
0:100 0:000 Turbo: 32/33/34/34
0:100 0:000 Features: 0xBFEBFBFF
0:100 0:000 Threads: 4
0:100 0:000 Cores: 4
0:100 0:000 FSB: 100 MHz
0:100 0:000 CPU: 3210 MHz
0:100 0:000 TSC: 3210 MHz
0:100 0:000 PIS: 100 MHz
0:100 0:000 ExternalClock: 25 MHz
0:100 0:000 === [ GetDevices ] =====
0:100 0:000 GOP found at: PciRoot(0x0)/Pci(0x2,0x0)/AcpiAdr(0x80010100)
0:100 0:000 PCI (00|00:00.00) : 8086 0C00 class=060000
0:100 0:000 PCI (00|00:01.00) : 8086 0C01 class=060400
0:100 0:000 PCI (00|00:02.00) : 8086 0412 class=030000
0:100 0:000 - GOP: Provided by device
0:100 0:000 - GFX: Model=Intel HD Graphics 4600 (Intel)
0:100 0:000 PCI (00|00:03.00) : 8086 0C0C class=040300
0:100 0:000 PCI (00|00:14.00) : 8086 8C31 class=0C0330
0:100 0:000 PCI (00|00:16.00) : 8086 8C3A class=078000
0:100 0:000 PCI (00|00:16.01) : FFFF FFFF class=FFFFFF
0:100 0:000 PCI (00|00:1B.00) : 8086 8C20 class=040300
0:100 0:000 PCI (00|00:1C.00) : 8086 8C10 class=060400
0:100 0:000 PCI (00|00:1C.02) : 8086 8C14 class=060400
0:100 0:000 PCI (00|03:00.00) : 10EC 8168 class=020000
0:100 0:000 - LAN: 0 Vendor=Realtek
0:100 0:000 PCI (00|00:1C.04) : 8086 8C18 class=060400
0:100 0:000 PCI (00|04:00.00) : 1B21 1142 class=0C0330
0:100 0:000 PCI (00|00:1D.00) : 8086 8C26 class=0C0320
0:100 0:000 PCI (00|00:1F.00) : 8086 8C5C class=060100
0:100 0:000 PCI (00|00:1F.02) : 8086 8C02 class=010601
0:100 0:000 PCI (00|00:1F.03) : 8086 8C22 class=0C0500
0:100 0:000 PCI (00|00:1F.06) : FFFF FFFF class=FFFFFF
0:100 0:000 === [ GetDefaultSettings ] =====
0:100 0:000 Clover load options size = 0 bytes
0:104 0:004 EFI\CLOVER\config.plist loaded: Success
0:104 0:000 === [ GetListOfThemes ] =====
0:106 0:001 - [00]: RANDOM
0:107 0:001 - [00]: EMBEDDED
```

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0:109 0:001 === [ Found config plists ] =====
0:109 0:000 - config.plist
0:109 0:000 === [ GetEarlyUserSettings ] =====
0:109 0:000 timeout set to 2
0:109 0:000 Custom boot CUSTOM_BOOT_DISABLED (0x0)
0:109 0:000 KextsToPatch: 8 requested
0:109 0:000 - [00]: com.apple.driver.usb.AppleUSBXHCI (remove 15 port limit in 10.13.6) :: BinPatch :: data len: 8
0:109 0:000 - [01]: com.apple.driver.usb.AppleUSBXHCI (USB Port Limit Patch 3) :: BinPatch :: data len: 4
0:109 0:000 - [02]: com.apple.iokit.IOUSBHostFamily (USB Port Limit Patch 1) :: BinPatch :: data len: 4
0:109 0:000 - [03]: com.apple.driver.usb.AppleUSBXHCI (USB Port Limit #2) :: BinPatch :: data len: 4
0:109 0:000 - [04]: com.apple.iokit.IOGraphicsFamily (Boot graphics glitch (IGPUs)) :: BinPatch :: data len: 5
0:109 0:000 - [05]: com.apple.driver.usb.AppleUSBXHCI (USB Port Limit Patch 4) :: BinPatch :: data len: 4
0:109 0:000 - [06]: com.apple.iokit.IOUSBHostFamily (USB Port Limit #1) :: BinPatch :: data len: 4
0:109 0:000 - [07]: com.apple.iokit.IOUSBHostFamily (USB Port Limit Patch 2) :: BinPatch :: data len: 4
0:109 0:000 Default theme: embedded
0:109 0:000 === [ LoadDrivers ] =====
0:112 0:003 Loading FSInject.efi status=Success
0:113 0:000 Loading VirtualSmc.efi status=Success
0:215 0:101 Loading VBoxHfs.efi status=Success
0:215 0:000 - driver needs connecting
0:215 0:000 Loading EmuVariableUefi.efi status=Success
0:216 0:000 EmuVariableUefi Initialize: VariableCommonInitialize = Success, orig services stored, install gEmuVariableControlProtocol
0:216 0:000 Loading DataHubDxe.efi status=Success
0:223 0:007 Loading ApfsDriverLoader.efi status=Success
0:224 0:000 - driver needs connecting
0:224 0:000 Loading AptioMemoryFix.efi status=Success
0:225 0:001 2 drivers needs connecting ...
0:225 0:000 PlatformDriverOverrideProtocol->GetDriver overriden
0:225 0:000 APFS driver loaded
0:225 0:000 Searching for invalid DiskIo BY_DRIVER connects: not found, all ok
0:691 0:466 EmuVariable InstallEmulation: orig vars copied, emu.var.services installed, CreateEvent VirtualAddressChange = Success, C
0:698 0:006 === [ InitScreen ] =====
0:698 0:000 Console modes reported: 4, available modes:
0:698 0:000 - [01]: 80x25 (current mode)
0:698 0:000 - [02]: 80x50
0:698 0:000 - [03]: 100x31
0:698 0:000 - [04]: 210x55
0:698 0:000 SetScreenResolution: 1920x1080 - not found!
0:698 0:000 SetMaxResolution: found best mode 4: 1680x1050
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0:871 0:173 Video mode change to mode #4: Success
0:871 0:000 - set
0:958 0:087 SetScreenResolution: 1680x1050 - already set
0:958 0:000 reinit: self device path=PciRoot(0x0)\Pci(0x1F,0x2)\Sata(0x0,0xFFFF,0x0)\HD(1,GPT,37B585EF-E670-46D2-96C1-21E377344AF9,0x
0:959 0:000 Using embedded font: Success
0:959 0:000 === [ GetMacAddress ] =====
0:959 0:000 === [ ScanSPD ] =====
0:960 0:000 Scanning SMBus [8086:8C22], mmio: 0xF7E19004, ioport: 0xF040, hostc: 0x1
0:978 0:018 Slot: 0 Type 24 8192MB 1333MHz Vendor=NoName PartNo= SerialNo=000100040A040D0B
0:996 0:018 Slot: 2 Type 24 8192MB 1333MHz Vendor=NoName PartNo= SerialNo=000100040A040408
0:997 0:000 === [ GetAcpiTablesList ] =====
0:997 0:000 Get Acpi Tables List from RSDT:
0:997 0:000 - [00]: FACP A M I len=132
0:997 0:000 - [01]: APIC A M I len=114
0:997 0:000 - [02]: FPDT A M I len=68
0:997 0:000 - [03]: LPIT A M I len=92
0:997 0:000 - [04]: SSDT Cpu0Ist len=1337
0:997 0:000 - [05]: SSDT CpuPm len=2776
0:997 0:000 - [06]: MCFG A M I len=60
0:997 0:000 - [07]: HPET A M I len=56
0:997 0:000 - [08]: SSDT SataTabl len=877
0:997 0:000 - [09]: SSDT SaSsdT len=13537
0:997 0:000 Calibrated TSC Frequency = 3199995469 = 3199MHz
0:997 0:000 === [ GetUserSettings ] =====
0:997 0:000 USB FixOwnership: yes
0:997 0:000 Dropping 3 tables:
0:997 0:000 - [00]: Drop table signature="SSDT" (54445353) table-id="CpuPm" (0000006D50757043)
0:997 0:000 - set table: 54445353, 6D50757043 to drop: yes
0:997 0:000 - [01]: Drop table signature="SSDT" (54445353) table-id="Cpu0Ist" (0074734930757043)
0:997 0:000 - set table: 54445353, 74734930757043 to drop: yes
0:997 0:000 - [02]: Drop table signature="DMAR" (52414D44)
0:997 0:000 - set table: 52414D44, 0 to drop: no
0:997 0:000 - final DSDT Fix mask=00000000
0:997 0:000 PatchesDSDT: 7 requested
0:997 0:000 - [00]: (change GFX0 to IGPU) lenToFind: 4, lenToReplace: 4, Target Bridge: <null string>
0:997 0:000 - [01]: (Change PEGP to GFX0) lenToFind: 4, lenToReplace: 4, Target Bridge: <null string>
0:997 0:000 - [02]: (change EC0 to EC) lenToFind: 4, lenToReplace: 4, Target Bridge: <null string>
0:997 0:000 - [03]: (change LPC to LPCB) lenToFind: 4, lenToReplace: 4, Target Bridge: <null string>
0:997 0:000 - [04]: (change EHC1 to EH01) lenToFind: 4, lenToReplace: 4, Target Bridge: <null string>
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0:997 0:000 - [05]: (change SAT0 to SATA) lenToFind: 4, lenToReplace: 4, Target Bridge: <null string>
0:997 0:000 - [06]: (change EHC2 to EH02) lenToFind: 4, lenToReplace: 4, Target Bridge: <null string>
0:997 0:000 Using ProductName from config: iMac14,4
0:997 0:000 Using latest BiosVersion from config
0:997 0:000 BiosVersion: IM144.88Z.F000.B00.2006101937
0:997 0:000 BiosReleaseDate: 06/10/2020
0:997 0:000 Using latest EfiVersion from config: 204.0.0.0.0
0:997 0:000 Using FirmwareFeatures from config: 0xF00FE177
0:997 0:000 Using FirmwareFeaturesMask from config: 0xFF1FFF7F
0:997 0:000 Board-ID set from config as Mac-81E3E92DD6088272
0:997 0:000 BoardType: 0xA
0:997 0:000 ChassisType: 0xD
0:999 0:001 === [ Found DSDT tables ] =====
1:090 0:091 === [ ScanVolumes ] =====
1:090 0:000 Found 14 volumes with blockIO
1:090 0:000 - [00]: Volume: PciRoot(0x0)\Pci(0x14,0x0)\USB(0x7,0x0)
1:092 0:001 Result of bootcode detection: bootable unknown (legacy)
1:092 0:000 USB volume
1:092 0:000 - [01]: Volume: PciRoot(0x0)\Pci(0x14,0x0)\USB(0x7,0x0)\HD(1,MBR,0x8B73CF67,0x800,0x3AE7800)
1:094 0:001 Result of bootcode detection: bootable unknown (legacy)
1:094 0:000 USB volume
1:094 0:000 - [02]: Volume: PciRoot(0x0)\Pci(0x1F,0x2)\Sata(0x0,0xFFFF,0x0)
1:094 0:000 - [03]: Volume: PciRoot(0x0)\Pci(0x1F,0x2)\Sata(0x0,0xFFFF,0x0)\HD(1,GPT,37B585EF-E670-46D2-96C1-21E377344AF9,0x28,0x6400)
1:095 0:000 Result of bootcode detection: bootable unknown (legacy)
1:102 0:006 This is SelfVolume !!
1:102 0:000 - [04]: Volume: PciRoot(0x0)\Pci(0x1F,0x2)\Sata(0x0,0xFFFF,0x0)\HD(2,GPT,77A2119D-E5E0-46C8-AE65-DB2DCA03DD00,0x64028,0x1)
1:102 0:000 Result of bootcode detection: bootable unknown (legacy)
1:102 0:000 - [05]: Volume: PciRoot(0x0)\Pci(0x1F,0x2)\Sata(0x0,0xFFFF,0x0)\HD(3,GPT,76CAFE5D-FC12-4DDA-8EB4-7585518B0DBB,0x1D1F5018,0x1)
1:103 0:000 Result of bootcode detection: bootable unknown (legacy)
1:103 0:000 - [06]: Volume: PciRoot(0x0)\Pci(0x1F,0x2)\Sata(0x0,0xFFFF,0x0)\HD(2,GPT,77A2119D-E5E0-46C8-AE65-DB2DCA03DD00,0x64028,0x1)
1:103 0:000 - [07]: Volume: PciRoot(0x0)\Pci(0x1F,0x2)\Sata(0x0,0xFFFF,0x0)\HD(2,GPT,77A2119D-E5E0-46C8-AE65-DB2DCA03DD00,0x64028,0x1)
1:103 0:000 - [08]: Volume: PciRoot(0x0)\Pci(0x1F,0x2)\Sata(0x0,0xFFFF,0x0)\HD(2,GPT,77A2119D-E5E0-46C8-AE65-DB2DCA03DD00,0x64028,0x1)
1:103 0:000 - [09]: Volume: PciRoot(0x0)\Pci(0x1F,0x2)\Sata(0x0,0xFFFF,0x0)\HD(2,GPT,77A2119D-E5E0-46C8-AE65-DB2DCA03DD00,0x64028,0x1)
1:103 0:000 - [10]: Volume: PciRoot(0x0)\Pci(0x1F,0x2)\Sata(0x0,0xFFFF,0x0)\HD(3,GPT,76CAFE5D-FC12-4DDA-8EB4-7585518B0DBB,0x1D1F5018,0x1)
1:103 0:000 - [11]: Volume: PciRoot(0x0)\Pci(0x1F,0x2)\Sata(0x0,0xFFFF,0x0)\HD(3,GPT,76CAFE5D-FC12-4DDA-8EB4-7585518B0DBB,0x1D1F5018,0x1)
1:103 0:000 - [12]: Volume: PciRoot(0x0)\Pci(0x1F,0x2)\Sata(0x0,0xFFFF,0x0)\HD(3,GPT,76CAFE5D-FC12-4DDA-8EB4-7585518B0DBB,0x1D1F5018,0x1)
1:103 0:000 - [13]: Volume: PciRoot(0x0)\Pci(0x1F,0x2)\Sata(0x0,0xFFFF,0x0)\HD(3,GPT,76CAFE5D-FC12-4DDA-8EB4-7585518B0DBB,0x1D1F5018,0x1)
1:104 0:000 PutNvramPlistToRtVars: nvram.plist not found
1:104 0:000 No AudioIoProtocols, status=Not Found
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1:104 0:000 === [ InitTheme ] =====
1:104 0:000 use night theme
1:104 0:000 using embedded theme
1:104 0:000 got embedded sound
1:104 0:000 Channels: 2 Sample rate: 8000 Hz Bits: 16
1:104 0:000 output to channel 0 with volume 70, len=25600
1:104 0:000 sound channels=2 bits=16 freq=8000
1:104 0:000 sound converted to 48kHz
1:104 0:000 not found AudioIo to play
1:104 0:000 sound play end with status=Not Found
1:104 0:000 Using embedded font: Success
1:105 0:000 theme initied
1:105 0:000 Chosen embedded theme
1:105 0:000 after NVRAM boot-args=-v dart=0 darkwake=10 keepsyms=1 debug=0x100
1:105 0:000 === [ Dump SMC keys from NVRAM ] =====
1:105 0:000 found AppleSMC protocol
1:105 0:000 === [ ScanLoader ] =====
1:105 0:000 - [03]: 'EFI'
1:106 0:001 AddLoaderEntry for Volume Name=EFI
1:106 0:000 skipped because entry is hidden
1:106 0:000 - [06]: 'Preboot'
1:108 0:002 AddLoaderEntry for Volume Name=Preboot
1:112 0:003 Check if volume Is Hibernated:
1:112 0:000 Check sleep image 'by signature':
1:112 0:000 using default sleep image name = \private\var\vm\sleepimage
1:112 0:000 sleepimage not found -> Not Found
1:112 0:000 hibernated: no - sign
1:114 0:001 AddLoaderEntry for Volume Name=Preboot
1:119 0:005 - [07]: 'DidiMojaveSSD'
1:156 0:036 AddLoaderEntry for Volume Name=DidiMojaveSSD
1:163 0:007 Check if volume Is Hibernated:
1:163 0:000 Check sleep image 'by signature':
1:178 0:014 read prefs \Library\Preferences\com.apple.PowerManagement.plist status=Success
1:178 0:000 using default sleep image name = \private\var\vm\sleepimage
1:187 0:009 sleepimage not found -> Not Found
1:187 0:000 hibernated: no - sign
1:193 0:006 - [08]: 'Recovery'
1:195 0:001 AddLoaderEntry for Volume Name=Recovery
1:201 0:005 - [09]: 'VM'
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1:201 0:000 - [10]: 'Preboot'
1:204 0:003     AddLoaderEntry for Volume Name=Preboot
1:207 0:003     Check if volume Is Hibernated:
1:207 0:000     Check sleep image 'by signature':
1:207 0:000     using default sleep image name = \private\var\vm\sleepimage
1:207 0:000     sleepimage not found -> Not Found
1:207 0:000     hibernated: no - sign
1:209 0:001     AddLoaderEntry for Volume Name=Preboot
1:214 0:005 - [11]: 'Mojave250'
1:250 0:036     AddLoaderEntry for Volume Name=Mojave250
1:257 0:006     Check if volume Is Hibernated:
1:257 0:000     Check sleep image 'by signature':
1:270 0:013     read prefs \Library\Preferences\com.apple.PowerManagement.plist status=Success
1:270 0:000     using default sleep image name = \private\var\vm\sleepimage
1:279 0:008     sleepimage not found -> Not Found
1:279 0:000     hibernated: no - sign
1:285 0:006 - [12]: 'Recovery'
1:287 0:001     AddLoaderEntry for Volume Name=Recovery
1:293 0:005 - [13]: 'VM'
1:293 0:000 Scanning legacy ...
1:293 0:000 === [ AddCustomTool ] =====
1:297 0:003 found tool \EFI\CLOVER\tools\Shell64U.efi
1:297 0:000 Checking EFI partition Volume 3 for Clover
1:297 0:000 Found Clover
1:297 0:000 EmuVariable UninstallEmulation: CloseEvent = Success, original var services restored
1:298 0:000 EmuVariable InstallEmulation: orig vars copied, emu.var.services installed, CreateEvent VirtualAddressChange = Success, C
1:305 0:006 === [ GetEfiBootDeviceFromNvram ] =====
1:305 0:000 Default boot entry not found
1:305 0:000 EmuVariable UninstallEmulation: CloseEvent = Success, original var services restored
1:305 0:000 DefaultIndex=-1 and MainMenu.EntryCount=14
1:377 0:072 GUI ready
6:446 5:069 exit from MainMenu 1
6:446 0:000 Boot option Boot0000 not found
6:446 0:000 === [ StartLoader ] =====
6:446 0:000 Finally: ExternalClock=25MHz BusSpeed=100000kHz CPUFreq=-4294964096MHz PIS: hw.busfrequency=100000000Hz
6:446 0:000 Loading boot.efi status=Success
6:507 0:060 GetOSVersion: 10.14.4 (18E2034)
6:507 0:000 CSR_CFG: CSR_ALLOW_UNTRUSTED_KEXTS | CSR_ALLOW_UNRESTRICTED_FS | CSR_ALLOW_TASK_FOR_PID | CSR_ALLOW_UNRESTRICTED_DTRACE |
6:507 0:000 Filtering KextPatches:

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6:507 0:000 - [00]: com.apple.driver.usb.AppleUSBXHCI (remove 15 port limit in 10.13.6) :: BinPatch :: [OS: 10.14.4 | MatchOS: All |
6:507 0:000 - [01]: com.apple.driver.usb.AppleUSBXHCI (USB Port Limit Patch 3) :: BinPatch :: [OS: 10.14.4 | MatchOS: All | MatchBui
6:507 0:000 - [02]: com.apple.iokit.IOUSBHostFamily (USB Port Limit Patch 1) :: BinPatch :: [OS: 10.14.4 | MatchOS: All | MatchBuild
6:507 0:000 - [03]: com.apple.driver.usb.AppleUSBXHCI (USB Port Limit #2) :: BinPatch :: [OS: 10.14.4 | MatchOS: All | MatchBuild: A
6:507 0:000 - [04]: com.apple.iokit.IOGraphicsFamily (Boot graphics glitch (IGPUs)) :: BinPatch :: [OS: 10.14.4 | MatchOS: All | Mat
6:507 0:000 - [05]: com.apple.driver.usb.AppleUSBXHCI (USB Port Limit Patch 4) :: BinPatch :: [OS: 10.14.4 | MatchOS: All | MatchBui
6:507 0:000 - [06]: com.apple.iokit.IOUSBHostFamily (USB Port Limit #1) :: BinPatch :: [OS: 10.14.4 | MatchOS: All | MatchBuild: All
6:507 0:000 - [07]: com.apple.iokit.IOUSBHostFamily (USB Port Limit Patch 2) :: BinPatch :: [OS: 10.14.4 | MatchOS: All | MatchBuild
6:507 0:000 Will not patch boot.efi
6:507 0:000 EmuVariable InstallEmulation: orig vars copied, emu.var.services installed, CreateEvent VirtualAddressChange = Success, C
6:514 0:007 === [ PatchSmbios ] =====
6:514 0:000 insert table 9 for dev 0:0
6:514 0:000 Table 11 present, but rewritten for us
6:514 0:000 Trusting SMBIOS...
6:514 0:000 Detected alternating SMBIOS channel banks
6:514 0:000 Channels: 2
6:514 0:000 Interleave: 0 2 1 3 4 6 5 7 8 10 9 11 12 14 13 15 16 18 17 19 20 22 21 23
6:514 0:000 partNum unknown
6:514 0:000 Type17->Manufacturer corrected by SMBIOS from NoName to 0000
6:514 0:000 SMBIOS Type 17 Index = 0 => 0 0:
6:514 0:000 BANK 0 DIMM0 1333MHz 8192MB
6:514 0:000 partNum unknown
6:514 0:000 Type17->Manufacturer corrected by SMBIOS from NoName to 0000
6:514 0:000 SMBIOS Type 17 Index = 1 => 1 2:
6:514 0:000 BANK 1 DIMM0 1333MHz 8192MB
6:514 0:000 mTotalSystemMemory = 16384
6:514 0:000 NumberOfMemoryDevices = 2
6:514 0:000 Type20[0]->End = 0x7FFFFFFF, Type17[0] = 0x2000
6:514 0:000 Type20[1]->End = 0xFFFFFFFF, Type17[1] = 0x6000
6:514 0:000 Table 131 is present, CPUType=10
6:514 0:000 Change to: 605
6:514 0:000 === [ PatchACPI ] =====
6:514 0:000 Xsdt reallocation done
6:514 0:000 old FADT length=10C
6:514 0:000 SignatureFixup: 0x98371504 -> 0x0
6:515 0:000 Apply DsdtFixMask=0x00000000
6:515 0:000 drop _DSM mask=0x0000
6:515 0:000 === [ FixBiosDsdt ] =====
6:515 0:000 Patching DSDT:

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6:515 0:000 - [change GFX0 to IGPU]: pattern 47465830, patched at: [ (80A3) (67) (1B) (13) (19) (98) (1B) (13) (19) (1AB) (1B) (148)
6:515 0:000 - [Change PEGP to GFX0]: pattern 50454750, patched at: [ (7FCD) (14) (17) (14) (1F1E) ]
6:515 0:000 - [change EC0 to EC]: pattern 4543305F, bin not found / already patched!
6:515 0:000 - [change LPC to LPCB]: pattern 4C50435F, bin not found / already patched!
6:515 0:000 - [change EHC1 to EH01]: pattern 45484331, patched at: [ (48D8) (56EA) (F) (10) ]
6:516 0:000 - [change SAT0 to SATA]: pattern 53415430, patched at: [ (6824) (23) (2E) (12) (2AC7) (35) (172) (1B) (21) (21) (21) (13
6:516 0:000 - [change EHC2 to EH02]: pattern 45484332, patched at: [ (4E62) (519B) (F) (10) ]
6:516 0:000 0 replacements
6:516 0:000 PreCleanup XSDT: count=10, length=116
6:516 0:000 PreCleanup XSDT, corrected XSDT: count=10, length=116
6:516 0:000 === [ ACPIDropTables ] =====
6:516 0:000 Drop tables from XSDT, SIGN=SSDT TableID=CpuPm Length=2776
6:516 0:000 Table[5]: SSDT CpuPm 2776 dropped
6:516 0:000 Drop tables from XSDT, SIGN=SSDT TableID=Cpu0Ist Length=1337
6:516 0:000 Table[4]: SSDT Cpu0Ist 1337 dropped
6:516 0:000 Patching SSDT SataTabl Length=877
6:516 0:000 0. [change GFX0 to IGPU]: pattern 47465830, bin not found / already patched!
6:516 0:000 1. [Change PEGP to GFX0]: pattern 50454750, bin not found / already patched!
6:516 0:000 2. [change EC0 to EC]: pattern 4543305F, bin not found / already patched!
6:516 0:000 3. [change LPC to LPCB]: pattern 4C50435F, bin not found / already patched!
6:516 0:000 4. [change EHC1 to EH01]: pattern 45484331, bin not found / already patched!
6:516 0:000 5. [change SAT0 to SATA]: pattern 53415430, patched at: [ (B5) ]
6:516 0:000 6. [change EHC2 to EH02]: pattern 45484332, bin not found / already patched!
6:516 0:000 0 replacements
6:516 0:000 Patching SSDT SaSsdT Length=13537
6:516 0:000 0. [change GFX0 to IGPU]: pattern 47465830, patched at: [ (D8A) (17) (17) (1A) (18EC) (B3E) (1D) ]
6:516 0:000 1. [Change PEGP to GFX0]: pattern 50454750, patched at: [ (47E) ]
6:516 0:000 2. [change EC0 to EC]: pattern 4543305F, bin not found / already patched!
6:516 0:000 3. [change LPC to LPCB]: pattern 4C50435F, bin not found / already patched!
6:516 0:000 4. [change EHC1 to EH01]: pattern 45484331, bin not found / already patched!
6:516 0:000 5. [change SAT0 to SATA]: pattern 53415430, bin not found / already patched!
6:516 0:000 6. [change EHC2 to EH02]: pattern 45484332, bin not found / already patched!
6:516 0:000 0 replacements
6:516 0:000 Found OperationRegion(SANV, SystemMemory, D8AEAE18, ...)
6:516 0:000 Found OperationRegion(CCDC, SystemMemory, 80000000, ...)
6:516 0:000 === [ ACPIPatchedAML ] =====
6:516 0:000 Unsorted
6:516 0:000 Inserting SSDT-EC.AML from EFI\CLOVER\ACPI\patched: size=124 ... Success
6:517 0:000 CPUBase=0 and ApicCPUBase=1 ApicCPUNum=4

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6:517 0:000 Maximum control=0x20
6:517 0:000 Turbo control=0x22
6:517 0:000 P-States: min 0x8, max 0x22
6:517 0:000 SSDT with CPU P-States and plugin-type generated successfully
6:517 0:000 SSDT with CPU C-States generated successfully
6:517 0:000 Cleanup XSDT: count=13, length=140
6:517 0:000 corrected XSDT count=11, length=124
6:517 0:000 === [ RestSetup macOS ] =====
6:517 0:000 EdidDiscovered size=128
6:517 0:000 --- Discovered EDID Table size:128
6:517 0:000 000 | 00 FF FF FF FF FF FF 00 21 34
6:517 0:000 010 | FF 6D 01 01 01 01 14 11 01 03
6:517 0:000 020 | 80 2F 1E 78 EA D5 15 A4 55 49
6:517 0:000 030 | 9A 27 14 50 54 AD CF 00 81 80
6:517 0:000 040 | B3 00 95 00 95 0F 01 01 01 01
6:517 0:000 050 | 01 01 01 01 21 39 90 30 62 1A
6:517 0:000 060 | 27 40 68 B0 36 00 DA 28 11 00
6:517 0:000 070 | 00 1C 00 00 00 FC 00 4E 32 32
6:517 0:000 080 | 30 57 20 44 56 49 0A 20 20 20
6:517 0:000 090 | 00 00 00 FD 00 38 4C 1F 50 0F
6:517 0:000 100 | 00 0A 20 20 20 20 20 20 00 00
6:517 0:000 110 | 00 FF 00 30 57 44 50 30 42 37
6:517 0:000 120 | 35 30 31 34 30 37 00 FA
6:517 0:000 Intel HD Graphics 4600 [8086:0412] :: PciRoot(0x0)\Pci(0x2,0x0)
6:517 0:000 Intel GFX revision = 0x6
6:517 0:000 setting specified layout-id=1 (0x1)
6:517 0:000 setting specified layout-id=1 (0x1)
6:517 0:000 stringlength = 3160
6:517 0:000 CurrentMode: Width=1680 Height=1050
6:517 0:000 Beginning FSInjection
FSInjectionInstall ...
- Our FSI_SIMPLE_FILE_SYSTEM_PROTOCOL installed on handle: CC743498
FSInjectionInstall ...
- Our FSI_SIMPLE_FILE_SYSTEM_PROTOCOL installed on handle: CC743498
6:517 0:000 Use origin smbios table type 1 guid.
6:518 0:000 Preparing kexts injection for arch=x86_64 from EFI\CLOVER\kexts\Other
6:518 0:000 Extra kext: EFI\CLOVER\kexts\Other\VoodooHDA.kext (v.2.9.2)
6:522 0:004 Extra kext: EFI\CLOVER\kexts\Other\RealtekRTL8111.kext (v.2.2.1)
6:529 0:006 Extra kext: EFI\CLOVER\kexts\Other\VoodooPS2Controller.kext (v.1.9.2)

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6:531 0:002 |-- PlugIn kext: EFI\CLOVER\kexts\Other\VoodooPS2Controller.kext\Contents\PlugIns\VoodooPS2Mouse.kext (v.1.9.2)
6:534 0:002 |-- PlugIn kext: EFI\CLOVER\kexts\Other\VoodooPS2Controller.kext\Contents\PlugIns\VoodooPS2Keyboard.kext (v.1.9.2)
6:536 0:002 |-- PlugIn kext: EFI\CLOVER\kexts\Other\VoodooPS2Controller.kext\Contents\PlugIns\VoodooPS2Trackpad.kext (v.1.9.2)
6:540 0:003 Extra kext: EFI\CLOVER\kexts\Other\VirtualSMC.kext (v.1.1.1)
6:547 0:007 |-- PlugIn kext: EFI\CLOVER\kexts\Other\VirtualSMC.kext\Contents\PlugIns\SMCProcessor.kext (v.1.1.1)
6:550 0:003 |-- PlugIn kext: EFI\CLOVER\kexts\Other\VirtualSMC.kext\Contents\PlugIns\SMCSuperIO.kext (v.1.1.1)
6:553 0:002 Extra kext: EFI\CLOVER\kexts\Other\USBInjectAll.kext (v.0.7.1)
6:588 0:035 Extra kext: EFI\CLOVER\kexts\Other\IntelMausiEthernet.kext (v.2.5.0d0)
6:595 0:006 Extra kext: EFI\CLOVER\kexts\Other\WhateverGreen.kext (v.1.3.7)
6:602 0:007 Extra kext: EFI\CLOVER\kexts\Other\AppleALC.kext (v.1.4.7)
6:689 0:086 Extra kext: EFI\CLOVER\kexts\Other\Lilu.kext (v.1.4.2)
6:695 0:006 SetStartupDiskVolume:
6:695 0:000 * Volume: 'DidiMojaveSSD'
6:695 0:000 * LoaderPath: '<null string>'
6:695 0:000 * DevPath: DidiMojaveSSD
6:695 0:000 * GUID = 77A2119D-E5E0-46C8-AE65-DB2DCA03DD00
6:695 0:000 * efi-boot-device: <array><dict><key>IOMatch</key><dict><key>IOProviderClass</key><string>IOMedia</string><key>IOProper
6:695 0:000 Custom boot screen not used because entry has unset use graphics
```