

0:100 0:100 MemLog inited, TSC freq: 4008541380  
0:100 0:000 CPU was calibrated with RTC  
0:100 0:000  
0:100 0:000 Now is 29.10.2018, 18:47:39 (GMT)  
0:100 0:000 Starting Clover revision: 4630 on American Megatrends EFI  
0:100 0:000 Build with: [Args: -mc --no-usb -D NO\_GRUB\_DRIVERS\_EMBEDDED -t :  
NO\_GRUB\_DRIVERS\_EMBEDDED --conf=/Users/macman/src/edk2/Conf -D USE\_BIC  
XCODE8 -n 9 | OS: 10.13.6 | XCODE: 9.4.1]  
0:100 0:000 SelfDevicePath=PciRoot(0x0)\Pci(0x17,0x0)\Sata(0x0,0xFFFF,0x0)\HD(1,  
F092E860F9E0,0x28,0x64000) @8ACCA798  
0:100 0:000 SelfDirPath = \EFI\BOOT  
0:105 0:004 === [ Get Smbios ] =====  
0:105 0:000 Type 16 Index = 0  
0:105 0:000 Total Memory Slots Count = 4  
0:105 0:000 Type 17 Index = 0  
0:105 0:000 Ignoring insane frequency value 0MHz  
0:105 0:000 SmbiosTable.Type17->Speed = 0MHz  
0:105 0:000 SmbiosTable.Type17->Size = 0MB  
0:105 0:000 SmbiosTable.Type17->Bank/Device = BANK 0 ChannelA-DIMM1  
0:105 0:000 SmbiosTable.Type17->Vendor = <null string>  
0:105 0:000 SmbiosTable.Type17->SerialNumber = <null string>  
0:105 0:000 SmbiosTable.Type17->PartNumber = <null string>  
0:105 0:000 Type 17 Index = 1  
0:105 0:000 SmbiosTable.Type17->Speed = 2400MHz  
0:105 0:000 SmbiosTable.Type17->Size = 8192MB  
0:105 0:000 SmbiosTable.Type17->Bank/Device = BANK 1 ChannelA-DIMM2  
0:105 0:000 SmbiosTable.Type17->Vendor = CRUCIAL  
0:105 0:000 SmbiosTable.Type17->SerialNumber = E129DE6D  
0:105 0:000 SmbiosTable.Type17->PartNumber = CT8G4DFD824A.C16FF  
0:105 0:000 Type 17 Index = 2  
0:105 0:000 Ignoring insane frequency value 0MHz  
0:105 0:000 SmbiosTable.Type17->Speed = 0MHz  
0:105 0:000 SmbiosTable.Type17->Size = 0MB  
0:105 0:000 SmbiosTable.Type17->Bank/Device = BANK 2 ChannelB-DIMM1  
0:105 0:000 SmbiosTable.Type17->Vendor = <null string>  
0:105 0:000 SmbiosTable.Type17->SerialNumber = <null string>  
0:105 0:000 SmbiosTable.Type17->PartNumber = <null string>  
0:105 0:000 Type 17 Index = 3  
0:105 0:000 SmbiosTable.Type17->Speed = 2400MHz  
0:105 0:000 SmbiosTable.Type17->Size = 8192MB  
0:105 0:000 SmbiosTable.Type17->Bank/Device = BANK 3 ChannelB-DIMM2  
0:105 0:000 SmbiosTable.Type17->Vendor = CRUCIAL  
0:105 0:000 SmbiosTable.Type17->SerialNumber = E1279EC4

0:105 0:000 SmbiosTable.Type17->PartNumber = CT8G4DFD824A.C16FF  
0:105 0:000 Boot status=0  
0:105 0:000 Running on: 'System Product Name' with board 'ROG STRIX H370-F GAMING'  
0:105 0:000 === [ GetCPUProperties ] =====  
0:105 0:000 CPU Vendor = 756E6547 Model=906EB  
0:105 0:000 The CPU supported SSE4.1  
0:105 0:000 BrandString = Intel(R) Core(TM) i3-8350K CPU @ 4.00GHz  
0:105 0:000 The CPU supported turbo  
0:105 0:000 MSR 0x35 40004  
0:105 0:000 TSC/CCC Information Leaf:  
0:105 0:000 numerator : 334  
0:105 0:000 denominator : 2  
0:105 0:000 Calibrated ARTFrequency: 24003241  
0:105 0:000 MSR 0xE2 before patch 1E000000  
0:105 0:000 MSR 0xCE 00080838\_F1012800  
0:105 0:000 corrected FLEX\_RATIO = E0000  
0:105 0:000 MSR 0x1B0 00000000  
0:105 0:000 FSBFrequency = 90 MHz, DMI FSBFrequency = 100 MHz, Corrected FSBFrequency = 100 MHz  
0:105 0:000 MaxDiv/MinDiv: 40.0/8  
0:105 0:000 Turbo: 40/40/40/40  
0:105 0:000 Features: 0xBFEBFBFF  
0:105 0:000 Threads: 4  
0:105 0:000 Cores: 4  
0:105 0:000 FSB: 100 MHz  
0:105 0:000 CPU: 3600 MHz  
0:105 0:000 TSC: 3600 MHz  
0:105 0:000 PIS: 100 MHz  
0:105 0:000 ExternalClock: 25 MHz  
0:105 0:000 === [ GetDevices ] =====  
0:105 0:000 PCI (00100:00.00) : 8086 3E1F class=060000  
0:105 0:000 PCI (00100:01.00) : 8086 1901 class=060400  
0:105 0:000 PCI (00101:00.00) : 1002 67DF class=030000  
0:105 0:000 - GFX: Model=AMD Radeon RX 480 (ATI/AMD)  
0:105 0:000 PCI (00101:00.01) : 1002 AAF0 class=040300  
0:105 0:000 - HDMI Audio:  
0:105 0:000 PCI (00100:14.00) : 8086 A36D class=0C0330  
0:105 0:000 PCI (00100:14.02) : 8086 A36F class=050000  
0:105 0:000 PCI (00100:16.00) : 8086 A360 class=078000  
0:105 0:000 PCI (00100:17.00) : 8086 A352 class=010601  
0:105 0:000 PCI (00100:1C.00) : 8086 A33A class=060400  
0:105 0:000 PCI (00100:1D.00) : 8086 A330 class=060400  
0:105 0:000 PCI (00100:1D.02) : 8086 A332 class=060400  
0:105 0:000 PCI (00104:00.00) : 14E4 43A0 class=028000

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0:105 0:000 - WIFI: Vendor=Broadcom
0:105 0:000 PCI (00100:1F.00) : 8086 A304 class=060100
0:105 0:000 PCI (00100:1F.03) : 8086 A348 class=040300
0:105 0:000 PCI (00100:1F.04) : 8086 A323 class=0C0500
0:105 0:000 PCI (00100:1F.05) : 8086 A324 class=0C8000
0:105 0:000 PCI (00100:1F.06) : 8086 15BC class=020000
0:105 0:000 - LAN: 0 Vendor=Intel
0:105 0:000 === [ GetDefaultSettings ] =====
0:105 0:000 Clover load options size = 0 bytes
0:116 0:011 EFI\CLOVER\config.plist loaded: Success
0:116 0:000 === [ GetListOfThemes ] =====
0:121 0:004 - [00]: tonymacx86
0:128 0:006 - [01]: random
0:129 0:001 - [01]: embedded
0:137 0:007 === [ Found config plists ] =====
0:138 0:001 - config.plist
0:139 0:001 - config-backup.plist
0:143 0:003 === [ GetEarlyUserSettings ] =====
0:143 0:000 timeout set to 3
0:143 0:000 Custom boot CUSTOM_BOOT_DISABLED (0x0)
0:143 0:000 KextsToPatch: 3 requested
0:143 0:000 - [00]: AppleAHCIPort (External icons patch) :: BinPatch :: data len: 8
0:143 0:000 - [01]: com.apple.driver.usb.AppleUSBXHCI (Remove USB port limit in XI
0:143 0:000 - [02]: com.apple.driver.usb.AppleUSBXHCI (USB 10.13.4+ by PMHeart)
0:143 0:000 Default theme: tonymacx86
0:143 0:000 Hiding entries with string Windows
0:143 0:000 Hiding entries with string BOOTX64.EFI
0:143 0:000 Hiding entries with string Preboot
0:143 0:000 === [ LoadDrivers ] =====
0:152 0:009 Loading AppleImageCodec-64.efi status=Success
0:156 0:004 Loading AppleUITheme-64.efi status=Success
0:159 0:002 Loading DataHubDxe-64.efi status=Success
0:163 0:004 Loading AppleKeyAggregator-64.efi status=Success
0:166 0:002 Loading OsxAptioFix2Drv-64.efi status=Success
0:168 0:002 Loading VBoxHfs-64.efi status=Success
0:171 0:002 - driver needs connecting
0:171 0:000 Loading FSInject-64.efi status=Success
0:173 0:002 Loading FirmwareVolume-64.efi status=Success
0:175 0:002 Loading ApfsDriverLoader-64.efi status=Success
0:178 0:002 - driver needs connecting
0:178 0:000 Loading EmuVariableUefi-64.efi status=Success
0:180 0:002 EmuVariableUefi Initialize: VariableCommonInitialize = Success, orig serv
0:180 0:000 Loading SMCHelper-64.efi status=Success
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0:182 0:002 Loading apfs.efi status=Success
0:206 0:023 - driver needs connecting
0:206 0:000 3 drivers needs connecting ...
0:206 0:000 PlatformDriverOverrideProtocol not found. Installing ... Success
0:206 0:000 APFS driver loaded
0:206 0:000 Searching for invalid Disklo BY_DRIVER connects: not found, all ok
1:610 1:403 EmuVariable InstallEmulation: orig vars copied, emu.var.services installed
ExitBootServices = Success, set Status=Success
1:636 0:026 === [ InitScreen ] =====
1:636 0:000 SetScreenResolution: 1920x1080 - already set
1:636 0:000 Console modes reported: 4, available modes:
1:636 0:000 - [01]: 80x25 (current mode)
1:636 0:000 - [02]: 80x50
1:636 0:000 - [03]: 100x31
1:636 0:000 - [04]: 240x56
1:636 0:000 reinit: self device path=PciRoot(0x0)\Pci(0x17,0x0)\Sata(0x0,0xFFFF,0x0)
F092E860F9E0,0x28,0x64000)
1:640 0:003 Using embedded font: Success
1:640 0:000 === [ GetMacAddress ] =====
1:640 0:000 MAC address of LAN #0= 0C:9D:92:C0:BA:E7:
1:640 0:000 === [ ScanSPD ] =====
1:640 0:000 SMBus device : 8086 A323 class=0C0500 status=Success
1:640 0:000 SMBus CmdReg: 0x1
1:641 0:000 Scanning SMBus [8086:A323], mmio: 0x4, ioport: 0xEFA0, hostc: 0x11
1:641 0:000 Slots to scan [8]...
1:641 0:000 SPD[1]: Type 12 @0x51
1:658 0:017 DDR speed 2400MHz
1:658 0:000 Slot: 1 Type 26 8192MB 2400MHz Vendor=Crucial Technology PartNo=C
1:659 0:000 SPD[3]: Type 12 @0x53
1:676 0:017 DDR speed 2400MHz
1:676 0:000 Slot: 3 Type 26 8192MB 2400MHz Vendor=Crucial Technology PartNo=C
1:677 0:000 === [ GetAcpiTablesList ] =====
1:677 0:000 Get Acpi Tables List from RSDT:
1:677 0:000 - [00]: FACP A M I len=132
1:677 0:000 - [01]: APIC A M I len=132
1:677 0:000 - [02]: FPDT A M I len=68
1:677 0:000 - [03]: FIDT A M I len=156
1:677 0:000 - [04]: MCFG A M I len=60
1:677 0:000 - [05]: WSMT A M I len=40
1:677 0:000 - [06]: SSDT SataTabl len=888
1:677 0:000 - [07]: SSDT CpuSsdt len=6091
1:677 0:000 - [08]: SSDT SaSsdt len=12743
1:677 0:000 - [09]: SSDT PegSsdt len=8040

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1:677 0:000 - [10]: HPET A M I len=56
1:677 0:000 - [11]: SSDT Ther_Rvp len=3998
1:677 0:000 - [12]: SSDT xh_cfsd4 len=10575
1:677 0:000 - [13]: UEFI A M I len=66
1:677 0:000 - [14]: LPIT A M I len=92
1:677 0:000 - [15]: SSDT PtidDevc len=10206
1:677 0:000 - [16]: SSDT TbtTypeC len=4094
1:677 0:000 - [17]: DBGP A M I len=52
1:677 0:000 - [18]: DBG2 A M I len=84
1:677 0:000 - [19]: SSDT UsbCTabl len=6596
1:677 0:000 - [20]: VFCT A M I len=60548
1:677 0:000 - [21]: BGRT A M I len=56
1:677 0:000 Calibrated TSC Frequency = 4008541380 = 4008MHz
1:677 0:000 === [ GetUserSettings ] =====
1:677 0:000 USB FixOwnership: yes
1:677 0:000 Dropping 1 tables:
1:677 0:000 - [00]: Drop table signature="MATS" (5354414D)
1:677 0:000 - set table: 5354414D, 0 to drop: no
1:677 0:000 - final DSDT Fix mask=00000004
1:677 0:000 PatchesDSDT: 1 requested
1:677 0:000 - [00]: (Rename HDAS to HDEF) lenToFind: 4, lenToReplace: 4, Target B
1:677 0:000 Using ProductName from config: iMac14,2
1:677 0:000 Found same BiosVersion in clover and config
1:677 0:000 BiosVersion: IM142.88Z.0130.B00.1804091831
1:677 0:000 BiosReleaseDate: 04/09/2018
1:677 0:000 Using FirmwareFeatures from config: 0xE00FE137
1:677 0:000 Using FirmwareFeaturesMask from config: 0xFF1FFF3F
1:677 0:000 Board-ID set from config as Mac-27ADBB7B4CEE8E61
1:677 0:000 BoardType: 0xA
1:677 0:000 ChassisType: 0xD
1:677 0:000 Converted CustomUUID FEDD766F-9999-5016-BC11-D7D59C9485BE
1:682 0:004 === [ Found DSDT tables ] =====
2:099 0:416 === [ ScanVolumes ] =====
2:099 0:000 Found 18 volumes with blockIO
2:099 0:000 - [00]: Volume: PciRoot(0x0)\Pci(0x17,0x0)\Sata(0x0,0xFFFF,0x0)
2:099 0:000 - [01]: Volume: PciRoot(0x0)\Pci(0x17,0x0)\Sata(0x1,0xFFFF,0x0)
2:100 0:000 - [02]: Volume: PciRoot(0x0)\Pci(0x17,0x0)\Sata(0x2,0xFFFF,0x0)
2:100 0:000 - [03]: Volume: PciRoot(0x0)\Pci(0x17,0x0)\Sata(0x0,0xFFFF,0x0)\HD(1,C
2:101 0:000 Result of bootcode detection: bootable unknown (legacy)
2:102 0:000 This is SelfVolume !!
2:102 0:000 - [04]: Volume: PciRoot(0x0)\Pci(0x17,0x0)\Sata(0x0,0xFFFF,0x0)\HD(2,C
A17CD01A5334,0x64028,0x746A2D60)
2:102 0:000 Result of bootcode detection: bootable unknown (legacy)

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2:102 0:000 - [05]: Volume: PciRoot(0x0)\Pci(0x17,0x0)\Sata(0x1,0xFFFF,0x0)\HD(1,C
2:103 0:000      Result of bootcode detection: bootable unknown (legacy)
2:117 0:013 - [06]: Volume: PciRoot(0x0)\Pci(0x17,0x0)\Sata(0x1,0xFFFF,0x0)\HD(2,C
A22F-2BE3BE6C3FA6,0x64028,0x1D1BA7E60)
2:130 0:013      Result of bootcode detection: bootable unknown (legacy)
2:130 0:000 - [07]: Volume: PciRoot(0x0)\Pci(0x17,0x0)\Sata(0x2,0xFFFF,0x0)\HD(1,C
2:130 0:000      Result of bootcode detection: bootable unknown (legacy)
2:138 0:007 - [08]: Volume: PciRoot(0x0)\Pci(0x17,0x0)\Sata(0x2,0xFFFF,
0x0)\HD(2,GPT,F4CB4F22-6480-4F42-915B-4BD09B04D2B5,0x64028,0x1D1BA7E67)
2:141 0:002      Result of bootcode detection: bootable unknown (legacy)
2:141 0:000 - [09]: Volume: PciRoot(0x0)\Pci(0x17,0x0)\Sata(0x0,0xFFFF,0x0)\HD(2,C
A17CD01A5334,0x64028,0x746A2D60)\VenMedia(BE74FCF7-0B7C-49F3-9147-01F4(
2:141 0:000      hiding this volume
2:141 0:000 - [10]: Volume: PciRoot(0x0)\Pci(0x17,0x0)\Sata(0x0,0xFFFF,0x0)\HD(2,C
A17CD01A5334,0x64028,0x746A2D60)\VenMedia(BE74FCF7-0B7C-49F3-9147-01F4(
2:141 0:000 - [11]: Volume: PciRoot(0x0)\Pci(0x17,0x0)\Sata(0x0,0xFFFF,0x0)\HD(2,C
A17CD01A5334,0x64028,0x746A2D60)\VenMedia(BE74FCF7-0B7C-49F3-9147-01F4(
2:141 0:000 - [12]: Volume: PciRoot(0x0)\Pci(0x17,0x0)\Sata(0x0,0xFFFF,0x0)\HD(2,C
A17CD01A5334,0x64028,0x746A2D60)\VenMedia(BE74FCF7-0B7C-49F3-9147-01F4(
2:141 0:000 - [13]: Volume: PciRoot(0x0)\Pci(0x17,0x0)\Sata(0x1,0xFFFF,0x0)\HD(2,C
A22F-2BE3BE6C3FA6,0x64028,0x1D1BA7E60)\VenMedia(BE74FCF7-0B7C-49F3-914
2:141 0:000 - [14]: Volume: PciRoot(0x0)\Pci(0x17,0x0)\Sata(0x2,0xFFFF,
0x0)\HD(2,GPT,F4CB4F22-6480-4F42-915B-4BD09B04D2B5,0x64028,0x1D1BA7E67)
C4402F0C4588FB31EE9818FBF4)
2:141 0:000      hiding this volume
2:141 0:000 - [15]: Volume: PciRoot(0x0)\Pci(0x17,0x0)\Sata(0x2,0xFFFF,
0x0)\HD(2,GPT,F4CB4F22-6480-4F42-915B-4BD09B04D2B5,0x64028,0x1D1BA7E67)
948264584585901A402E61C6D1)
2:141 0:000 - [16]: Volume: PciRoot(0x0)\Pci(0x17,0x0)\Sata(0x2,0xFFFF,
0x0)\HD(2,GPT,F4CB4F22-6480-4F42-915B-4BD09B04D2B5,0x64028,0x1D1BA7E67)
776710F44198C056CEF0AD144F)
2:141 0:000 - [17]: Volume: PciRoot(0x0)\Pci(0x17,0x0)\Sata(0x2,0xFFFF,
0x0)\HD(2,GPT,F4CB4F22-6480-4F42-915B-4BD09B04D2B5,0x64028,0x1D1BA7E67)
113EC51E4C9D6553F1575BAA13)
2:148 0:007 Loading nvram.plist from Vol 'EFI' - loaded, size=3395
2:163 0:015 === [ PutNvramPlistToRtVars ] =====
2:163 0:000 Adding Key: EFIBluetoothDelay: Size = 2, Data: B8 0B
2:163 0:000 Adding Key: EFILoginHiDPI: Size = 4, Data: 00 00 00 00
2:163 0:000 Skipping EmuVariableUefiPresent
2:163 0:000 Adding Key: SystemAudioVolume: Size = 1, Data: 80
2:163 0:000 Adding Key: SystemAudioVolumeDB: Size = 1, Data: F0
2:163 0:000 Adding Key: bluetoothActiveControllerInfo: Size = 16, Data: 8D 82 AC 05
2:163 0:000 Adding Key: bluetoothInternalControllerInfo: Size = 14, Data: 8D 82 AC 0

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2:163 0:000 Adding Key: csr-active-config: Size = 4, Data: 03 00 00 00
2:163 0:000 Adding Key: efi-backup-boot-device: Size = 216, Data: 3C 61 72 72 61 79 3E 3C 64 69 63 74 3E 3C 6B 65 79 3E 49 4F 50 72 6F 76 69 64 65 72 43 6C 61 64 69 61 3C 2F 73 74 72 69 6E 67 3E 3C 6B 65 79 3E 49 4F 50 72 6F 70 65 72 6B 65 79 3E 55 55 49 44 3C 2F 6B 65 79 3E 3C 73 74 72 69 6E 67 3E 36 43 36 30 39 31 37 43 44 30 31 41 35 33 33 34 3C 2F 73 74 72 69 6E 67 3E 3C 2F 64 69 63 74 3E 3C 2F 79 3E
2:163 0:000 Adding Key: efi-backup-boot-device-data: Size = 74, Data: 02 01 0C 00 D0 00 00 00 04 01 2A 00 02 00 00 00 28 40 06 00 00 00 00 00 60 2D 6A 74 00 00 00 00 1A 97 6C F7 FC 74 BE 7C 0B F3 49 91 47 01 F4 04 2E 68 42 4A CC 9C 49 22 D6 8B 36 A4 05 6
2:164 0:000 Adding Key: efi-boot-device: Size = 216, Data: 3C 61 72 72 61 79 3E 3C 65 79 3E 3C 64 69 63 74 3E 3C 6B 65 79 3E 49 4F 50 72 6F 76 69 64 65 72 43 6C 61 64 69 61 3C 2F 73 74 72 69 6E 67 3E 3C 6B 65 79 3E 49 4F 50 72 6F 70 65 72 74 79 3E 55 55 49 44 3C 2F 6B 65 79 3E 3C 73 74 72 69 6E 67 3E 36 43 36 30 39 37 31 43 44 30 31 41 35 33 33 34 3C 2F 73 74 72 69 6E 67 3E 3C 2F 64 69 63 74 3E 3C 2F
2:164 0:000 Adding Key: efi-boot-device-data: Size = 110, Data: 02 01 0C 00 D0 41 00 00 04 01 2A 00 02 00 00 00 28 40 06 00 00 00 00 00 60 2D 6A 74 00 00 00 00 1A 97 6C F7 FC 74 BE 7C 0B F3 49 91 47 01 F4 04 2E 68 42 4A CC 9C 49 22 D6 8B 36 A4 05 6
2:164 0:000 Adding Key: fakesmc-key-#KEY-ui32: Size = 4, Data: 00 00 00 10
2:164 0:000 Adding Key: fakesmc-key-$Adr-ui32: Size = 4, Data: 00 00 03 00
2:164 0:000 Adding Key: fakesmc-key-$Num-ui8: Size = 1, Data: 01
2:164 0:000 Adding Key: fakesmc-key-BATP-flag: Size = 1, Data: 00
2:164 0:000 Adding Key: fakesmc-key-BEMB-flag: Size = 1, Data: 00
2:164 0:000 Adding Key: fakesmc-key-BNum-ui8: Size = 1, Data: 00
2:164 0:000 Adding Key: fakesmc-key-EPCI-ui32: Size = 4, Data: 07 A0 07 00
2:164 0:000 Adding Key: fakesmc-key-MSAc-ui16: Size = 2, Data: 00 00
2:164 0:000 Adding Key: fakesmc-key-MSFW-ui8: Size = 2, Data: 01 00
2:164 0:000 Adding Key: fakesmc-key-MSPS-ui16: Size = 2, Data: 00 03
2:164 0:000 Adding Key: fakesmc-key-MSTc-ui8: Size = 1, Data: 00
2:164 0:000 Adding Key: fakesmc-key-MSWr-ui8: Size = 1, Data: 00
2:164 0:000 Adding Key: fakesmc-key-RBr -ch8*: Size = 8, Data: 6A 31 36 6A 31 37 00
2:164 0:000 Adding Key: fakesmc-key-REV -ch8*: Size = 6, Data: 02 15 0F 00 00 07
2:164 0:000 Adding Key: fakesmc-key-RMde-char: Size = 1, Data: 41
2:164 0:000 Adding Key: fakesmc-key-RPlt-ch8*: Size = 8, Data: 6A 31 37 00 00 00 00
2:164 0:000 Adding Key: flagstate: Size = 32, Data: 00 00 00 00 00 00 00 00 00 00 0C
2:164 0:000 Adding Key: fmm-computer-name: Size = 13, Data: 48 61 63 6B 69 6E 74
2:164 0:000 Adding Key: install-product-url: Size = 73, Data: 78 2D 6F 73 70 72 6F 64 33 36 38 42 2D 41 34 30 35 2D 36 32 31 35 46 43 36 37 35 46 36 30 2F 6D 61 63 4F 5
2:164 0:000 Adding Key: prev-lang:kbd: Size = 7, Data: 65 6E 2D 55 53 3A 30
2:164 0:000 Adding Key: previous-system-uuid: Size = 36, Data: 34 39 39 43 43 43 34 35 46 43 36 37 35 46 36 30
2:164 0:000 Adding Key: security-mode: String: Size = 4, Val = 'none'
2:164 0:000 Adding Key: specialbootdevice: Size = 110, Data: 02 01 0C 00 D0 41 03 1A 97 6C F7 FC 74 BE 7C 0B F3 49 91 47 01 F4 04 2E 68 42 4A CC 9C 49 22 D6 8B 36 A4 05 6

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04 01 2A 00 02 00 00 00 28 40 06 00 00 00 00 60 2D 6A 74 00 00 00 00 1A 97 60 6F
FC 74 BE 7C 0B F3 49 91 47 01 F4 04 2E 68 42 4A CC 9C 49 22 D6 8B 36 A4 05 62 1
2:164 0:000 === [ InitTheme ] =====
2:172 0:008 Using theme 'tonymacx86' (EFI\CLOVER\themes\tonymacx86)
2:173 0:000 Loading font from ThemeDir: Error
2:174 0:001 Chosen theme tonymacx86
2:174 0:000 after NVRAM boot-args=-v dart=0 darkwake=0 kext-dev-mode=1
2:174 0:000 Scanning legacy ...
2:174 0:000 === [ Dump SMC keys from NVRAM ] =====
2:174 0:000 found AppleSMC protocol
2:174 0:000 Registered 16 SMC keys
2:174 0:000 === [ ScanLoader ] =====
2:174 0:000 - [03]: 'EFI'
2:269 0:095     AddLoaderEntry for Volume Name=EFI
2:269 0:000     skipped because entry is hidden
2:269 0:000 - [05]: 'EFI'
2:327 0:057 - [07]: 'EFI'
2:408 0:080     AddLoaderEntry for Volume Name=EFI
2:408 0:000     skipped because entry is hidden
2:408 0:000 - [09]: 'Preboot', hidden
2:408 0:000 - [10]: 'Macintosh SSD'
2:484 0:075     AddLoaderEntry for Volume Name=Macintosh SSD
2:501 0:017     Check if volume Is Hibernated:
2:501 0:000     Check sleep image 'by signature':
2:533 0:032     read prefs \Library\Preferences\com.apple.PowerManagement.plist sta
2:533 0:000     using default sleep image name = \private\var\vm\sleepimage
2:547 0:014     sleepimage not found -> Not Found
2:547 0:000     hibernated: no - sign
2:612 0:065 - [11]: 'Recovery'
2:619 0:006     AddLoaderEntry for Volume Name=Recovery
2:685 0:065 - [12]: 'VM'
2:722 0:037 - [13]: 'Data'
2:800 0:077 - [14]: 'Preboot', hidden
2:800 0:000 - [15]: 'CCC_Backup'
3:032 0:232     AddLoaderEntry for Volume Name=CCC_Backup
3:075 0:042     Check if volume Is Hibernated:
3:075 0:000     Check sleep image 'by signature':
3:220 0:145     read prefs \Library\Preferences\com.apple.PowerManagement.plist sta
3:220 0:000     using default sleep image name = \private\var\vm\sleepimage
3:327 0:106     sleepimage not found -> Not Found
3:327 0:000     hibernated: no - sign
3:393 0:066 - [16]: 'Recovery'
3:405 0:012     AddLoaderEntry for Volume Name=Recovery

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3:482 0:076 - [17]: 'VM'
3:518 0:036 === [ AddCustomTool ] =====
3:520 0:002 found tool \EFI\CLOVER\tools\Shell64U.efi
3:520 0:000 Checking EFI partition Volume 3 for Clover
3:522 0:002 Found Clover
3:524 0:001 EmuVariable UninstallEmulation: CloseEvent = Success, original var serv
3:532 0:008 EmuVariable InstallEmulation: orig vars copied, emu.var.services installed
ExitBootServices = Success, set Status=Success
3:558 0:026 === [ GetEfiBootDeviceFromNvram ] =====
3:558 0:000 - efi-boot-device-data: PciRoot(0x0)\Pci(0x17,0x0)\Sata(0x0,0xFFFF,0x0)\
A17CD01A5334,0x64028,0x746A2D60)\VenMedia(BE74FCF7-0B7C-49F3-9147-01F4(
3:558 0:000 - Volume: 'PciRoot(0x0)\Pci(0x17,0x0)\Sata(0x0,0xFFFF,0x0)\HD(2,GPT
A17CD01A5334,0x64028,0x746A2D60)\VenMedia(BE74FCF7-0B7C-49F3-9147-01F4(
3:558 0:000 - LoaderPath: '<null string>'
3:558 0:000 - Guid = 6C60971A-C9DA-434B-A001-A17CD01A5334
3:558 0:000 === [ FindStartupDiskVolume ] =====
3:558 0:000 - Volume: partition = PciRoot(0x0)\Pci(0x17,0x0)\Sata(0x0,0xFFFF,0x0)\
A17CD01A5334,0x64028,0x746A2D60)\VenMedia(BE74FCF7-0B7C-49F3-9147-01F4(
3:558 0:000 - searching for that partition
3:558 0:000 - found entry 0. 'Boot macOS from Macintosh SSD', Volume 'Macintosh
3:558 0:000 Boot redirected to Entry 0. 'Boot macOS from Macintosh SSD'
3:558 0:000 EmuVariable UninstallEmulation: CloseEvent = Success, original var serv
3:558 0:000 DefaultIndex=0 and MainMenu.EntryCount=10
3:629 0:070 GUI ready
7:638 4:008 === [ StartLoader ] =====
7:638 0:000 Finally: ExternalClock=26MHz BusSpeed=100214kHz CPUFreq=4009MH
7:638 0:000 Loading boot.efi status=Success
7:675 0:037 GetOSVersion: 10.14 (18A391)
7:675 0:000 CSR_CFG: CSR_ALLOW_UNTRUSTED_KEXTS | CSR_ALLOW_UNRE
7:675 0:000 Filtering KextPatches:
7:675 0:000 - [00]: AppleAHCIPort (External icons patch) :: BinPatch :: [OS: 10.14 | M
7:675 0:000 - [01]: com.apple.driver.usb.AppleUSBXHCI (Remove USB port limit in XI
MatchBuild: All] ==> not allowed
7:675 0:000 - [02]: com.apple.driver.usb.AppleUSBXHCI (USB 10.13.4+ by PMHeart)
not allowed
7:675 0:000 Will not patch boot.efi
7:675 0:000 EmuVariable InstallEmulation: orig vars copied, emu.var.services installed
ExitBootServices = Success, set Status=Success
7:702 0:026 === [ PatchSmbios ] =====
7:702 0:000 insert table 9 for dev 0:0
7:702 0:000 insert table 9 for dev 0:1
7:702 0:000 insert table 9 for dev 1F:6
7:702 0:000 insert table 9 for dev 0:0

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7:702 0:000 Trusting SMBIOS...
7:702 0:000 Channels: 2
7:702 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
7:702 0:000 SMBIOS Type 17 Index = 0 => 0 0:
7:702 0:000 BANK 0 DIMM0 EMPTY
7:702 0:000 SMBIOS Type 17 Index = 1 => 2 2:
7:702 0:000 BANK 1 DIMM0 EMPTY
7:702 0:000 partNum=CT8G4DFD824A.C16FF
7:702 0:000 SMBIOS Type 17 Index = 2 => 1 1:
7:702 0:000 BANK 0 DIMM1 2400MHz 8192MB
7:702 0:000 partNum=CT8G4DFD824A.C16FF
7:702 0:000 SMBIOS Type 17 Index = 3 => 3 3:
7:702 0:000 BANK 1 DIMM1 2400MHz 8192MB
7:702 0:000 mTotalSystemMemory = 16384
7:702 0:000 NumberOfMemoryDevices = 4
7:702 0:000 Type20[0]->End = 0x7FFFFFFF, Type17[2] = 0x2000
7:702 0:000 Type20[1]->End = 0xFFFFFFFF, Type17[3] = 0x6000
7:702 0:000 Table 131 is present, CPUType=31
7:702 0:000 Change to: 905
7:702 0:000 === [ PatchACPI ] =====
7:702 0:000 Xsdt reallocation done
7:702 0:000 old FADT length=114
7:702 0:000 SignatureFixup: 0x52ADE54A -> 0x0
7:704 0:001 Apply DsdtFixMask=0x00000004
7:704 0:000 drop _DSM mask=0xFFFF
7:704 0:000 === [ FixBiosDsdt ] =====
7:704 0:000 VideoCard devID=0x67DF1002
7:704 0:000 DisplayADR1[0] = 0x10000, DisplayADR2[0] = 0x0
7:704 0:000 USBADR[0] = 0x140000 and PCIe = 0xFFFFE
7:704 0:000 Found Airport BCM at 0x1D0002, 0x0
8:900 1:195 Audio HDA (addr:0x1F0003) setting specified layout-id=1 (0x1)
8:900 0:000 Patching DSDT:
8:900 0:000 - [Rename HDAS to HDEF]: pattern 48444153, patched at: [ (2FA) (12) (·
(8FCC) ]
8:900 0:000 0 replacements
8:900 0:000 first CPU found at E425 offset E428
8:900 0:000 score candidate at E421
8:900 0:000 score inserted in acpi_cpu_score _SB_
8:900 0:000 Found ACPI CPU: PR00 | PR01 | PR02 | PR03 | PR04 | PR05 | PR06 | PI
within the score: _SB_
8:900 0:000 Start SHUTDOWN Fix len=4234D
8:901 0:000 PreCleanup XSDT: count=22, length=212
8:901 0:000 PreCleanup XSDT, corrected XSDT: count=22, length=212

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8:901 0:000 === [ ACPIPatchedAML ] =====
8:901 0:000 AutoMerge pass 1
8:901 0:000 Unsorted
8:901 0:000 Inserting SSDT-USB.aml from EFI\CLOVER\ACPI\patched: ignore on pas
8:901 0:000 === [ ACPIDropTables ] =====
8:901 0:000 0. [Rename HDAS to HDEF]: pattern 48444153, bin not found / already p
8:901 0:000 0 replacements
8:901 0:000 0. [Rename HDAS to HDEF]: pattern 48444153, bin not found / already p
8:901 0:000 0 replacements
8:901 0:000 Found OperationRegion(PNVS, SystemMemory, 8F5A6000, ...)
8:901 0:000 0. [Rename HDAS to HDEF]: pattern 48444153, bin not found / already p
8:901 0:000 0 replacements
8:901 0:000 Found OperationRegion(SANV, SystemMemory, 8EC11118, ...)
8:901 0:000 0. [Rename HDAS to HDEF]: pattern 48444153, bin not found / already p
8:901 0:000 0 replacements
8:901 0:000 0. [Rename HDAS to HDEF]: pattern 48444153, bin not found / already p
8:901 0:000 0 replacements
8:901 0:000 0. [Rename HDAS to HDEF]: pattern 48444153, bin not found / already p
8:901 0:000 0 replacements
8:901 0:000 0. [Rename HDAS to HDEF]: pattern 48444153, bin not found / already p
8:901 0:000 0 replacements
8:901 0:000 0. [Rename HDAS to HDEF]: pattern 48444153, bin not found / already p
8:901 0:000 0 replacements
8:901 0:000 0. [Rename HDAS to HDEF]: pattern 48444153, bin not found / already p
8:901 0:000 0 replacements
8:901 0:000 === [ ACPIPatchedAML ] =====
8:901 0:000 AutoMerge pass 2
8:901 0:000 Unsorted
8:901 0:000 Inserting SSDT-USB.aml from EFI\CLOVER\ACPI\patched: size=658 ... S
8:904 0:002 CPUBase=0 and ApicCPUBase=1 ApicCPUNum=1
8:904 0:000 Cleanup XSDT: count=23, length=220
8:904 0:000 corrected XSDT count=23, length=220
8:904 0:000 === [ RestSetup macOS ] =====
8:904 0:000 EdidDiscovered size=128
8:904 0:000 --- Discovered EDID Table size:128
8:904 0:000 000 | 00 FF FF FF FF FF FF 00 5A 63
8:904 0:000 010 | 2B F6 01 01 01 01 07 18 01 03
8:904 0:000 020 | 80 3C 22 78 2E B2 05 A3 56 4F
8:904 0:000 030 | 9E 28 0F 50 54 BF EF 80 B3 00
8:904 0:000 040 | A9 40 95 00 90 40 81 80 81 40
8:904 0:000 050 | 71 4F 31 0A 02 3A 80 18 71 38
8:904 0:000 060 | 2D 40 58 2C 45 00 55 50 21 00
8:904 0:000 070 | 00 1E 00 00 00 FF 00 54 38 47

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8:904 0:000 080 | 31 34 30 37 32 31 34 31 30 0A  
8:904 0:000 090 | 00 00 00 FD 00 32 4C 18 53 12  
8:904 0:000 100 | 00 0A 20 20 20 20 20 20 00 00  
8:904 0:000 110 | 00 FC 00 56 58 32 37 30 33 20  
8:904 0:000 120 | 53 45 52 49 45 53 00 BF  
8:904 0:000 ATI injection not set  
8:904 0:000 RCBA disabled; cannot use it  
8:904 0:000 setting specified layout-id=1 (0x1)  
8:904 0:000 stringlength = 1032  
8:904 0:000 CurrentMode: Width=1920 Height=1080  
8:904 0:000 Beginning FSInjection  
FSInjectionInstall ...  
- Our FSI\_SIMPLE\_FILE\_SYSTEM\_PROTOCOL installed on handle: 87B13F18  
FSInjectionInstall ...  
- Our FSI\_SIMPLE\_FILE\_SYSTEM\_PROTOCOL installed on handle: 87B13F18  
8:906 0:002 Use origin smbios table type 1 guid.  
8:910 0:003 Preparing kexts injection for arch=x86\_64 from EFI\CLOVER\kexts\Other  
8:910 0:000 Extra kext: EFI\CLOVER\kexts\Other\AppleALC.kext (v.1.3.2)  
9:245 0:335 Extra kext: EFI\CLOVER\kexts\Other\Lilu.kext (v.1.2.7)  
9:264 0:018 Extra kext: EFI\CLOVER\kexts\Other\USBInjectAll.kext (v.0.6.9)  
10:323 1:058 Extra kext: EFI\CLOVER\kexts\Other\FakeSMC.kext (v.1787)  
10:354 0:031 Preparing kexts injection for arch=x86\_64 from EFI\CLOVER\kexts\10.1.  
10:355 0:000 SetStartupDiskVolume:  
10:355 0:000 \* Volume: 'Macintosh SSD'  
10:355 0:000 \* LoaderPath: '<null string>'  
10:355 0:000 \* DevPath: Macintosh SSD  
10:355 0:000 \* GUID = 6C60971A-C9DA-434B-A001-A17CD01A5334  
10:355 0:000 \* efi-boot-device: <array><dict><key>IOMatch</key><dict><key>IOPr  
string><key>IOPropertyMatch</key><dict><key>UUID</key><string>6C60971A-C9DA  
array>  
10:355 0:000 Custom boot screen not used because entry has unset use graphics