

0:100 0:100 MemLog inited, TSC freq: 3696511600
0:100 0:000 CPU was calibrated with RTC
0:100 0:000
0:100 0:000 Now is 27.10.2018, 2:34:33 (GMT)
0:100 0:000 Starting Clover revision: 4722 on American Megatrends EFI
0:100 0:000 Build with: [Args: -D NO_GRUB_DRIVERS_EMBEDDED -t XCODE8 I -D
NO_GRUB_DRIVERS_EMBEDDED -D USE_LOW_EBDA -a X64 -b RELEASE -t XCO
OS: 10.13.6 I XCODE: 10.0]
0:100 0:000 SelfDevicePath=PciRoot(0x0)\Pci(0x1B,0x4)\Pci(0x0,0x0)\NVMe(0x1,38-I
B0-71-52-38-25-00)\HD(1,GPT,598C5F2A-410E-459C-9067-CA436F83A176,0x28,0x6
@83E76E98
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 SmbiosTable.Type17->Speed = 3000MHz
0:105 0:000 SmbiosTable.Type17->Size = 8192MB
0:105 0:000 SmbiosTable.Type17->Bank/Device = BANK 0 ChannelA-DIMM0
0:105 0:000 SmbiosTable.Type17->Vendor = 859B
0:105 0:000 SmbiosTable.Type17->SerialNumber = 00000000
0:105 0:000 SmbiosTable.Type17->PartNumber = BLT8G4D30AETA.K16FE
0:105 0:000 Type 17 Index = 1
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 1 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 = 2
0:105 0:000 SmbiosTable.Type17->Speed = 3000MHz
0:105 0:000 SmbiosTable.Type17->Size = 8192MB
0:105 0:000 SmbiosTable.Type17->Bank/Device = BANK 2 ChannelB-DIMM0
0:105 0:000 SmbiosTable.Type17->Vendor = 859B
0:105 0:000 SmbiosTable.Type17->SerialNumber = 00000000
0:105 0:000 SmbiosTable.Type17->PartNumber = BLT8G4D30AETA.K16FE
0:105 0:000 Type 17 Index = 3
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 3 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 Boot status=0
0:105 0:000 Running on: 'MS-7B43' with board 'Z370I GAMING PRO CARBON AC (M
0:105 0:000 === [ GetCPUProperties ] =====
0:105 0:000 CPU Vendor = 756E6547 Model=906EA
0:105 0:000 The CPU supported SSE4.1
0:105 0:000 BrandString = Intel(R) Core(TM) i7-8700K CPU @ 3.70GHz
0:105 0:000 The CPU supported turbo
0:105 0:000 MSR 0x35          6000C
0:105 0:000 TSC/CCC Information Leaf:
0:105 0:000 numerator      : 308
0:105 0:000 denominator    : 2
0:105 0:000 Calibrated ARTFrequency: 24003322
0:105 0:000 MSR 0xE2 before patch 1E008000
0:105 0:000 MSR 0xE2 is locked, PM patches will be turned on
0:105 0:000 MSR 0xCE          08080838_F1012500
0:105 0:000 corrected FLEX_RATIO = E0000
0:105 0:000 FSBFrequency = 100 MHz, DMI FSBFrequency = 100 MHz, Corrected FS
= 100 MHz
0:105 0:000 MaxDiv/MinDiv: 37.0/8
0:105 0:000 Turbo: 45/46/47/48
0:105 0:000 Features: 0xBFEBFBFF
0:105 0:000 Threads: 12
0:105 0:000 Cores: 6
0:105 0:000 FSB: 100 MHz
0:105 0:000 CPU: 3700 MHz
0:105 0:000 TSC: 3700 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 3EC2 class=060000
0:105 0:000 PCI (00100:02.00) : 8086 3E92 class=030000
0:105 0:000 - GFX: Model=Intel UHD Graphics 630 (Intel)
0:105 0:000 PCI (00100:08.00) : 8086 1911 class=088000
0:105 0:000 PCI (00100:14.00) : 8086 A2AF class=0C0330
0:105 0:000 PCI (00100:14.02) : 8086 A2B1 class=118000
0:105 0:000 PCI (00100:16.00) : 8086 A2BA class=078000
0:105 0:000 PCI (00100:17.00) : 8086 A282 class=010601
0:105 0:000 PCI (00100:1B.00) : 8086 A2E7 class=060400
0:105 0:000 PCI (00100:1B.04) : 8086 A2EB class=060400
0:105 0:000 PCI (00102:00.00) : 144D A804 class=010802
0:105 0:000 PCI (00100:1C.00) : 8086 A290 class=060400

```

```

0:105 0:000 PCI (00100:1C.06) : 8086 A296 class=060400
0:105 0:000 PCI (00104:00.00) : 1B21 2142 class=0C0330
0:105 0:000 PCI (00100:1D.00) : 8086 A298 class=060400
0:105 0:000 PCI (00100:1D.03) : 8086 A29B class=060400
0:105 0:000 PCI (00106:00.00) : 8086 24FD class=028000
0:105 0:000 - WIFI: Vendor=Intel
0:105 0:000 PCI (00100:1F.00) : 8086 A2C9 class=060100
0:105 0:000 PCI (00100:1F.02) : 8086 A2A1 class=058000
0:105 0:000 PCI (00100:1F.03) : 8086 A2F0 class=040300
0:105 0:000 PCI (00100:1F.04) : 8086 A2A3 class=0C0500
0:105 0:000 PCI (00100:1F.06) : 8086 15B8 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
0:118 0:012 EFI\CLOVER\config.plist loaded: Success
0:118 0:000 === [ GetListOfThemes ] =====
0:122 0:004 - [00]: embedded
0:135 0:012 - [00]: random
0:154 0:019 - [00]: BGM
0:170 0:016 - [01]: Mojave4k
0:179 0:009 - [02]: Aero
0:191 0:011 - [03]: Aero256
0:203 0:012 - [04]: metal
0:225 0:021 - [05]: Apocalypse
0:237 0:012 - [06]: applestyle
0:262 0:024 - [07]: Beauty
0:286 0:024 - [08]: BeautyDark
0:307 0:020 - [09]: BeautyDark256
0:319 0:012 - [10]: BeautyX
0:332 0:012 === [ Found config plists ] =====
0:340 0:008 - config copy.plist
0:340 0:000 - config.plist
0:348 0:008 - config Insanely.plist
0:348 0:000 === [ GetEarlyUserSettings ] =====
0:348 0:000 timeout set to 2
0:348 0:000 Custom boot CUSTOM_BOOT_DISABLED (0x0)
0:348 0:000 KextsToPatch: 7 requested
0:348 0:000 - [00]: AppleAHCIPort (External Drives as Internal to fix Orange Icons) :: I
data len: 8
0:348 0:000 - [01]: AppleGraphicsDevicePolicy ((c)Pike R. Alpha) :: BinPatch :: data le
0:348 0:000 - [02]: AppleUSBXHCIPCI (change 15 port limit to 26) :: MatchOS: 10.11.
BinPatch :: data len: 7
0:348 0:000 - patch disabled at config

```

0:348 0:000 - [03]: AppleUSBXHCIPCI (change 15 port limit to 26) :: MatchOS: 10.12.
BinPatch :: data len: 7
0:348 0:000 - patch disabled at config
0:348 0:000 - [04]: AppleUSBXHCIPCI (change 15 port limit to 24) :: MatchOS: 10.13.
BinPatch :: data len: 4
0:348 0:000 - [05]: com.apple.driver.usb.AppleUSBXHCI (USB 10.13.4+ by PMHeart)
10.13.x :: BinPatch :: data len: 10
0:348 0:000 - patch disabled at config
0:348 0:000 - [06]: com.apple.driver.usb.AppleUSBXHCI (USB 10.13.6+ by PMHeart)
10.13.x :: BinPatch :: data len: 10
0:348 0:000 Default theme: embedded
0:348 0:000 === [LoadDrivers] =====
0:356 0:007 Loading apfs.efi status=Success
0:383 0:026 - driver needs connecting
0:383 0:000 Loading AppleImageCodec-64.efi status=Success
0:391 0:007 Loading AppleKeyAggregator-64.efi status=Success
0:399 0:008 Loading AppleUITheme-64.efi status=Success
0:408 0:008 Loading DataHubDxe-64.efi status=Success
0:410 0:002 Loading FirmwareVolume-64.efi status=Success
0:411 0:001 Loading VBoxHfs-64.efi status=Success
0:413 0:001 - driver needs connecting
0:413 0:000 Loading OsxAptioFix2Drv-free2000.efi status=Success
0:415 0:001 Loading FSInject-64.efi status=Success
0:424 0:009 Loading SMCHelper-64.efi status=Success
0:426 0:001 2 drivers needs connecting ...
0:426 0:000 PlatformDriverOverrideProtocol->GetDriver overriden
0:426 0:000 APFS driver loaded
0:426 0:000 Searching for invalid Disklo BY_DRIVER connects:
0:426 0:000 - Handle 847DE998 with Disklo, is Partition, no Fs, BY_DRIVER Agent: 8
Disconnect: Success
3:981 3:555 === [InitScreen] =====
3:981 0:000 SetScreenResolution: 1920x1080 - setting Mode 4
4:247 0:265 Video mode change to mode #4: Success
4:247 0:000 Console modes reported: 4, available modes:
4:247 0:000 - [01]: 80x25
4:247 0:000 - [02]: 80x50
4:247 0:000 - [03]: 100x31
4:247 0:000 - [04]: 128x40 (current mode)
4:247 0:000 SetScreenResolution: 1920x1080 - already set
4:247 0:000 reinit: self device path=PciRoot(0x0)\Pci(0x1B,0x4)\Pci(0x0,0x0)\NVMe(0:
B0-71-52-38-25-00)\HD(1,GPT,598C5F2A-410E-459C-9067-CA436F83A176,0x28,0x6-
4:247 0:000 Using embedded font: Success
4:248 0:000 === [GetMacAddress] =====

4:248 0:000 MAC address of LAN #0= 30:9C:23:67:D2:76:
4:248 0:000 === [ScanSPD] =====
4:248 0:000 SMBus device : 8086 A2A3 class=0C0500 status=Success
4:248 0:000 SMBus CmdReg: 0x3
4:248 0:000 Scanning SMBus [8086:A2A3], mmio: 0xDF34A004, ioport: 0xF040, hostc
4:248 0:000 Slots to scan [8]...
4:249 0:000 SPD[0]: Type 12 @0x50
4:266 0:017 XMP Profile1: 6*125 -84 ns
4:266 0:000 Found module with XMP version 2.0
4:266 0:000 Using XMP Profile1 instead of standard frequency 2132MHz
4:266 0:000 DDR speed 3003MHz
4:266 0:000 Slot: 0 Type 26 8192MB 3003MHz Vendor=Crucial Technology
PartNo=BLT8G4D30AETA.K16FE SerialNo=0000000000000000
4:267 0:000 SPD[2]: Type 12 @0x52
4:285 0:017 XMP Profile1: 6*125 -84 ns
4:285 0:000 Found module with XMP version 2.0
4:285 0:000 Using XMP Profile1 instead of standard frequency 2132MHz
4:285 0:000 DDR speed 3003MHz
4:285 0:000 Slot: 2 Type 26 8192MB 3003MHz Vendor=Crucial Technology
PartNo=BLT8G4D30AETA.K16FE SerialNo=0000000000000000
4:286 0:000 === [GetAcpiTablesList] =====
4:286 0:000 Get Acpi Tables List from RSDT:
4:286 0:000 - [00]: FACP A M I len=132
4:286 0:000 - [01]: APIC A M I len=244
4:286 0:000 - [02]: FPDT A M I len=68
4:286 0:000 - [03]: FIDT A M I len=156
4:286 0:000 - [04]: MCFG A M I len=60
4:286 0:000 - [05]: SSDT SataTabl len=931
4:286 0:000 - [06]: SSDT SaSsdT len=12630
4:286 0:000 - [07]: HPET KBL len=56
4:286 0:000 - [08]: SSDT Ther_Rvp len=4514
4:286 0:000 - [09]: SSDT xh_rvp08 len=2598
4:286 0:000 - [10]: UEFI A M I len=66
4:286 0:000 - [11]: SSDT CpuSsdT len=6062
4:286 0:000 - [12]: LPIT KBL len=148
4:286 0:000 - [13]: SSDT HdaDsp len=321
4:286 0:000 - [14]: SSDT sensrhub len=671
4:286 0:000 - [15]: SSDT PtidDevc len=12290
4:286 0:000 - [16]: SSDT TbtTypeC len=1303
4:286 0:000 - [17]: DBGp len=52
4:286 0:000 - [18]: DBG2 len=84
4:286 0:000 - [19]: WSMI A M I len=40
4:286 0:000 Calibrated TSC Frequency = 3696511600 = 3696MHz

```

4:286 0:000 === [ GetUserSettings ] =====
4:286 0:000 Add 1 properties:
4:286 0:000 - [00]: IntelGFX Key: AAPL,GfxYTile, len: 4
4:286 0:000 USB FixOwnership: yes
4:286 0:000 Dropping 3 tables:
4:286 0:000 - [00]: Drop table signature="SSDT" (54445353) table-
id="CpuPm" (0000006D50757043)
4:286 0:000 - set table: 54445353, 6D50757043 to drop: no
4:286 0:000 - [01]: Drop table signature="DMAR" (52414D44)
4:286 0:000 - set table: 52414D44, 0 to drop: no
4:286 0:000 - [02]: Drop table signature="SSDT" (54445353) table-
id="Cpu0Ist" (0074734930757043)
4:286 0:000 - set table: 54445353, 74734930757043 to drop: no
4:286 0:000 - final DSDT Fix mask=00000000
4:286 0:000 PatchesDSDT: 7 requested
4:286 0:000 - [00]: (change GFX0 to IGPU) lenToFind: 4, lenToReplace: 4, Target Brid
string>
4:286 0:000 - [01]: (change PEGP to GFX0) lenToFind: 4, lenToReplace: 4, Target Bri
string>
4:286 0:000 - [02]: (Rename HDAS to HDEF) lenToFind: 4, lenToReplace: 4, Target B
string>
4:286 0:000 - [03]: (change EC0 to EC) lenToFind: 4, lenToReplace: 4, Target Bridge:
4:286 0:000 - [04]: (change XHCI to XHC) lenToFind: 4, lenToReplace: 4, Target Bridg
string>
4:286 0:000 - [05]: (change XHC1 to XHC) lenToFind: 4, lenToReplace: 4, Target Brid
string>
4:286 0:000 - [06]: (change HECI to IMEI) lenToFind: 4, lenToReplace: 4, Target Bridg
string>
4:286 0:000 Using ProductName from config: iMac18,1
4:286 0:000 Using latest BiosVersion from clover
4:286 0:000 BiosVersion: IM181.88Z.F000.B00.1809171524
4:286 0:000 BiosReleaseDate: 09/17/2018
4:286 0:000 Using EfiVersion from clover: 165.0.0.0.0
4:286 0:000 Using FirmwareFeatures from config: 0xFC0FE137
4:286 0:000 Using FirmwareFeaturesMask from config: 0xFF1FFF3F
4:286 0:000 Board-ID set from config as Mac-4B682C642B45593E
4:286 0:000 BoardType: 0xA
4:286 0:000 ChassisType: 0x9
4:287 0:000 === [ Found DSDT tables ] =====
4:336 0:048 === [ ScanVolumes ] =====
4:336 0:000 Found 18 volumes with blockIO
4:336 0:000 - [00]: Volume: PciRoot(0x0)\Pci(0x1C,0x6)\Pci(0x0,0x0)\USB(0x3,0x0)\U
4:337 0:000 USB volume

```

4:337 0:000 USB volume
 4:337 0:000 - [01]: Volume: PciRoot(0x0)\Pci(0x1C,0x6)\Pci(0x0,0x0)\USB(0x3,0x0)\USB(0x2,0x0)\HD(1,GPT,29BCA171-FFA2-4C7A-B48E6B03DD9B08E,0x28,0x64000)
 4:338 0:000 Result of bootcode detection: bootable unknown (legacy)
 4:338 0:000 USB volume
 4:338 0:000 USB volume
 4:338 0:000 - [02]: Volume: PciRoot(0x0)\Pci(0x1C,0x6)\Pci(0x0,0x0)\USB(0x3,0x0)\USB(0x2,0x0)\HD(2,GPT,FD1D70C5-2583-4AAD-9951D902,0x64800,0x3A2E1808)
 4:338 0:000 USB volume
 4:338 0:000 USB volume
 4:338 0:000 - [03]: Volume: PciRoot(0x0)\Pci(0x1C,0x6)\Pci(0x0,0x0)\USB(0x3,0x0)\USB(0x3,0x0)\USB(0x0,0x0)
 4:339 0:000 Result of bootcode detection: bootable unknown (legacy)
 4:339 0:000 USB volume
 4:339 0:000 USB volume
 4:339 0:000 USB volume
 4:339 0:000 - [04]: Volume: PciRoot(0x0)\Pci(0x1C,0x6)\Pci(0x0,0x0)\USB(0x3,0x0)\USB(0x3,0x0)\USB(0x0,0x0)\HD(1,MBR,0x00285125,0x800,0x74705000)
 4:342 0:002 USB volume
 4:342 0:000 USB volume
 4:342 0:000 USB volume
 4:342 0:000 - [05]: Volume: PciRoot(0x0)\Pci(0x1C,0x6)\Pci(0x0,0x0)\USB(0x1,0x0)\U
 4:342 0:000 USB volume
 4:342 0:000 USB volume
 4:342 0:000 - [06]: Volume: PciRoot(0x0)\Pci(0x1C,0x6)\Pci(0x0,0x0)\USB(0x1,0x0)\USB(0x0,0x0)\HD(1,GPT,4704C2BC-0DB0-4B56-8FCC-4505B6341564,0x6,0x12C00)
 4:342 0:000 USB volume
 4:342 0:000 USB volume
 4:342 0:000 - [07]: Volume: PciRoot(0x0)\Pci(0x1C,0x6)\Pci(0x0,0x0)\USB(0x1,0x0)\USB(0x0,0x0)\HD(2,GPT,3E01A410-C5FF-4D1A-B3B:CB44311891C1,0x12C06,0x3A366BCA)
 4:342 0:000 USB volume
 4:342 0:000 USB volume
 4:342 0:000 - [08]: Volume: PciRoot(0x0)\Pci(0x1C,0x6)\Pci(0x0,0x0)\USB(0x1,0x0)\U
 4:343 0:000 USB volume
 4:343 0:000 USB volume
 4:343 0:000 - [09]: Volume: PciRoot(0x0)\Pci(0x1C,0x6)\Pci(0x0,0x0)\USB(0x1,0x0)\USB(0x1,0x0)\HD(1,GPT,6226141B-4FAF-4A74-BBE7-893B2B36C719,0x800,0x3A3811800)

```

4:344 0:000      Result of bootcode detection: bootable unknown (legacy)
4:344 0:000      USB volume
4:344 0:000      USB volume
4:344 0:000 - [10]: Volume: PciRoot(0x0)\Pci(0x1C,
0x6)\Pci(0x0,0x0)\USB(0x1,0x0)\USB(0x1,0x0)\Unit(0x1)
4:344 0:000      USB volume
4:344 0:000      USB volume
4:344 0:000 - [11]: Volume: PciRoot(0x0)\Pci(0x1B,0x4)\Pci(0x0,0x0)\NVMe(0x1,38-E2
B0-71-52-38-25-00)
4:344 0:000 - [12]: Volume: PciRoot(0x0)\Pci(0x1B,0x4)\Pci(0x0,0x0)\NVMe(0x1,38-E2
B0-71-52-38-25-00)\HD(1,GPT,598C5F2A-410E-459C-9067-CA436F83A176,0x28,0x6-
4:344 0:000      Result of bootcode detection: bootable unknown (legacy)
4:345 0:000      This is SelfVolume !!
4:345 0:000 - [13]: Volume: PciRoot(0x0)\Pci(0x1B,0x4)\Pci(0x0,0x0)\NVMe(0x1,38-E2
B0-71-52-38-25-00)\HD(2,GPT,8483A613-DD2A-4CCB-A113-51184414286B,
0x64028,0x3A321FE0)
4:345 0:000      Result of bootcode detection: bootable unknown (legacy)
4:345 0:000 - [14]: Volume: PciRoot(0x0)\Pci(0x1B,0x4)\Pci(0x0,0x0)\NVMe(0x1,38-E2
B0-71-52-38-25-00)\HD(2,GPT,8483A613-DD2A-4CCB-A113-51184414286B,
0x64028,0x3A321FE0)\VenMedia(BE74FCF7-0B7C-49F3-9147-01F4042E6842,30072
C4D8A63945A3BF93742)
4:345 0:000 - [15]: Volume: PciRoot(0x0)\Pci(0x1B,0x4)\Pci(0x0,0x0)\NVMe(0x1,38-E2
B0-71-52-38-25-00)\HD(2,GPT,8483A613-DD2A-4CCB-A113-51184414286B,
0x64028,0x3A321FE0)\VenMedia(BE74FCF7-0B7C-49F3-9147-01F4042E6842,CF63E
3C86B09B5B3D3F0A58)
4:345 0:000 - [16]: Volume: PciRoot(0x0)\Pci(0x1B,0x4)\Pci(0x0,0x0)\NVMe(0x1,38-E2
B0-71-52-38-25-00)\HD(2,GPT,8483A613-DD2A-4CCB-A113-51184414286B,
0x64028,0x3A321FE0)\VenMedia(BE74FCF7-0B7C-49F3-9147-01F4042E6842,E3271
4BA55AAE169F4917C5)
4:345 0:000 - [17]: Volume: PciRoot(0x0)\Pci(0x1B,0x4)\Pci(0x0,0x0)\NVMe(0x1,38-E2
B0-71-52-38-25-00)\HD(2,GPT,8483A613-DD2A-4CCB-A113-51184414286B,
0x64028,0x3A321FE0)\VenMedia(BE74FCF7-0B7C-49F3-9147-01F4042E6842,30166:
C97E71BC0146E09D5)
4:345 0:000 === [ InitTheme ] =====
4:345 0:000 using embedded theme
4:345 0:000 Using embedded font: Success
4:345 0:000 Chosen embedded theme
4:346 0:000 after NVRAM boot-args=-disablegfxfirmware shikigva=1 dart=0
4:346 0:000 === [ Dump SMC keys from NVRAM ] =====
4:346 0:000 found AppleSMC protocol
4:439 0:093 Registered 17 SMC keys
4:441 0:001 === [ ScanLoader ] =====
4:441 0:000 - [01]: 'EFI'

```



```

4:442 0:000 - [02]: 'Portable 500gb'
4:511 0:068 - [04]: 'Backup'
4:518 0:007 - [06]: 'EFI'
4:519 0:000 - [07]: 'TerraByte 4'
4:521 0:002 - [12]: 'EFI'
4:524 0:003      AddLoaderEntry for Volume Name=EFI
4:524 0:000      skipped because entry is hidden
4:524 0:000 - [14]: 'Preboot'
4:547 0:023      AddLoaderEntry for Volume Name=Preboot
4:566 0:019      Check if volume Is Hibernated:
4:566 0:000      Check sleep image 'by signature':
4:570 0:003      using default sleep image name = \private\var\vm\sleepimage
4:571 0:001      sleepimage not found -> Not Found
4:571 0:000      hibernated: no - sign
4:579 0:008      AddLoaderEntry for Volume Name=Preboot
4:657 0:077 - [15]: 'MacOS'
4:836 0:178      AddLoaderEntry for Volume Name=MacOS
4:875 0:038      Check if volume Is Hibernated:
4:875 0:000      Check sleep image 'by signature':
4:933 0:057      read prefs \Library\Preferences\com.apple.PowerManagement.plist sta
4:933 0:000      using default sleep image name = \private\var\vm\sleepimage
4:959 0:026      sleepimage not found -> Not Found
4:959 0:000      hibernated: no - sign
5:049 0:089 - [16]: 'Recovery'
5:069 0:020      AddLoaderEntry for Volume Name=Recovery
5:129 0:059 - [17]: 'VM'
5:129 0:000      Scanning legacy ...
5:129 0:000      === [ AddCustomTool ] =====
5:130 0:000      found tool \EFI\CLOVER\tools\Shell64U.efi
5:130 0:000      Checking EFI partition Volume 1 for Clover
5:130 0:000      Checking EFI partition Volume 6 for Clover
5:130 0:000      Checking EFI partition Volume 12 for Clover
5:130 0:000      Found Clover
5:131 0:000      === [ GetEfiBootDeviceFromNvram ] =====
5:131 0:000      - found entry 2. 'Boot macOS from MacOS', Volume 'MacOS', DevicePath
'PciRoot(0x0)\Pci(0x1B,0x4)\Pci(0x0,0x0)\NVMe(0x1,38-E2-B0-71-52-38-25-00)\HD(2,(
8483A613-DD2A-4CCB-A113-51184414286B,
0x64028,0x3A321FE0)\VenMedia(BE74FCF7-0B7C-49F3-9147-01F4042E6842,CF63E
3C86B09B5B3D3F0A58)\System\Library\CoreServices\boot.efi'
5:131 0:000      DefaultIndex=2 and MainMenu.EntryCount=10
5:216 0:084      GUI ready
8:221 3:004      === [ StartLoader ] =====
8:221 0:000      Finally: ExternalClock=25MHz BusSpeed=99906kHz CPUFreq=3697MHz

```

hw.busfrequency=100000000Hz
8:221 0:000 Loading boot.efi status=Success
8:309 0:087 GetOSVersion: 10.13.6 (17G65)
8:309 0:000 CSR_CFG: CSR_ALLOW_UNTRUSTED_KEXTS I
CSR_ALLOW_UNRESTRICTED_FS I CSR_ALLOW_TASK_FOR_PID I
CSR_ALLOW_UNRESTRICTED_DTRACE I CSR_ALLOW_UNRESTRICTED_NVRAM
8:309 0:000 Filtering KextPatches:
8:309 0:000 - [00]: AppleAHCIPort (External Drives as Internal to fix Orange Icons) :: I
[OS: 10.13.6 I MatchOS: All I MatchBuild: All] ==> allowed
8:309 0:000 - [01]: AppleGraphicsDevicePolicy ((c)Pike R. Alpha) :: BinPatch :: [OS: 1
MatchOS: All I MatchBuild: All] ==> allowed
8:309 0:000 - [02]: AppleUSBXHCIPCI (change 15 port limit to 26) :: BinPatch :: [OS:
MatchOS: 10.11.x I MatchBuild: All] ==> disabled by user
8:309 0:000 - [03]: AppleUSBXHCIPCI (change 15 port limit to 26) :: BinPatch :: [OS:
MatchOS: 10.12.x I MatchBuild: All] ==> disabled by user
8:309 0:000 - [04]: AppleUSBXHCIPCI (change 15 port limit to 24) :: BinPatch :: [OS:
MatchOS: 10.13.x I MatchBuild: All] ==> allowed
8:309 0:000 - [05]: com.apple.driver.usb.AppleUSBXHCI (USB 10.13.4+ by PMHeart)
BinPatch :: [OS: 10.13.6 I MatchOS: 10.13.x I MatchBuild: All] ==> disabled by user
8:309 0:000 - [06]: com.apple.driver.usb.AppleUSBXHCI (USB 10.13.6+ by PMHeart)
BinPatch :: [OS: 10.13.6 I MatchOS: 10.13.x I MatchBuild: All] ==> allowed
8:309 0:000 Will not patch boot.efi
8:309 0:000 === [PatchSmbios] =====
8:309 0:000 insert table 9 for dev 1F:6
8:309 0:000 insert table 9 for dev 0:0
8:310 0:000 Trusting SMBIOS...
8:310 0:000 Channels: 2
8:310 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
8:310 0:000 partNum=BLT8G4D30AETA.K16FE
8:310 0:000 SMBIOS Type 17 Index = 0 => 0 0:
8:310 0:000 BANK 0 DIMM0 3003MHz 8192MB
8:310 0:000 partNum=BLT8G4D30AETA.K16FE
8:310 0:000 SMBIOS Type 17 Index = 1 => 2 2:
8:310 0:000 BANK 1 DIMM0 3003MHz 8192MB
8:310 0:000 SMBIOS Type 17 Index = 2 => 1 1:
8:310 0:000 BANK 0 DIMM1 EMPTY
8:310 0:000 SMBIOS Type 17 Index = 3 => 3 3:
8:310 0:000 BANK 1 DIMM1 EMPTY
8:310 0:000 mTotalSystemMemory = 16384
8:310 0:000 NumberOfMemoryDevices = 4
8:310 0:000 Type20[0]->End = 0x7FFFFFFF, Type17[0] = 0x2000
8:310 0:000 Type20[1]->End = 0xFFFFFFFF, Type17[1] = 0x6000
8:310 0:000 Table 131 is present, CPUType=35

[illegible]

```

8:315 0:000 1. [change PEGP to GFX0]: pattern 50454750, bin not found / already pat
8:315 0:000 2. [Rename HDAS to HDEF]: pattern 48444153, bin not found / already p
8:315 0:000 3. [change EC0 to EC]: pattern 4543305F, bin not found / already patched
8:315 0:000 4. [change XHCI to XHC]: pattern 58484349, bin not found / already patch
8:315 0:000 5. [change XHC1 to XHC]: pattern 58484331, bin not found / already patc
8:315 0:000 6. [change HECI to IMEI]: pattern 48454349, bin not found / already patch
8:315 0:000 0 replacements
8:315 0:000 Found OperationRegion(SANV, SystemMemory, 8A39B418, ...)
8:315 0:000 0. [change GFX0 to IGPU]: pattern 47465830, bin not found / already patc
8:315 0:000 1. [change PEGP to GFX0]: pattern 50454750, bin not found / already pat
8:315 0:000 2. [Rename HDAS to HDEF]: pattern 48444153, bin not found / already p
8:315 0:000 3. [change EC0 to EC]: pattern 4543305F, bin not found / already patched
8:315 0:000 4. [change XHCI to XHC]: pattern 58484349, bin not found / already patch
8:315 0:000 5. [change XHC1 to XHC]: pattern 58484331, bin not found / already patc
8:315 0:000 6. [change HECI to IMEI]: pattern 48454349, bin not found / already patch
8:315 0:000 0 replacements
8:315 0:000 0. [change GFX0 to IGPU]: pattern 47465830, bin not found / already patc
8:315 0:000 1. [change PEGP to GFX0]: pattern 50454750, bin not found / already pat
8:315 0:000 2. [Rename HDAS to HDEF]: pattern 48444153, bin not found / already p
8:315 0:000 3. [change EC0 to EC]: pattern 4543305F, bin not found / already patched
8:315 0:000 4. [change XHCI to XHC]: pattern 58484349, bin not found / already patch
8:315 0:000 5. [change XHC1 to XHC]: pattern 58484331, bin not found / already patc
8:315 0:000 6. [change HECI to IMEI]: pattern 48454349, bin not found / already patch
8:315 0:000 0 replacements
8:315 0:000 0. [change GFX0 to IGPU]: pattern 47465830, bin not found / already patc
8:315 0:000 1. [change PEGP to GFX0]: pattern 50454750, bin not found / already pat
8:315 0:000 2. [Rename HDAS to HDEF]: pattern 48444153, bin not found / already p
8:315 0:000 3. [change EC0 to EC]: pattern 4543305F, bin not found / already patched
8:315 0:000 4. [change XHCI to XHC]: pattern 58484349, bin not found / already patch
8:315 0:000 5. [change XHC1 to XHC]: pattern 58484331, bin not found / already patc
8:315 0:000 6. [change HECI to IMEI]: pattern 48454349, bin not found / already patch
8:315 0:000 0 replacements
8:315 0:000 Found OperationRegion(PNVS, SystemMemory, 7971A000, ...)
8:315 0:000 0. [change GFX0 to IGPU]: pattern 47465830, bin not found / already patc
8:315 0:000 1. [change PEGP to GFX0]: pattern 50454750, bin not found / already pat
8:315 0:000 2. [Rename HDAS to HDEF]: pattern 48444153, patched at: [ (20) (48) ]
8:315 0:000 3. [change EC0 to EC]: pattern 4543305F, bin not found / already patched
8:315 0:000 4. [change XHCI to XHC]: pattern 58484349, bin not found / already patch
8:315 0:000 5. [change XHC1 to XHC]: pattern 58484331, bin not found / already patc
8:315 0:000 6. [change HECI to IMEI]: pattern 48454349, bin not found / already patch
8:315 0:000 0 replacements
8:315 0:000 0. [change GFX0 to IGPU]: pattern 47465830, bin not found / already patc
8:315 0:000 1. [change PEGP to GFX0]: pattern 50454750, bin not found / already pat

```

```

8:315 0:000 2. [Rename HDAS to HDEF]: pattern 48444153, bin not found / already patched
8:315 0:000 3. [change EC0 to EC]: pattern 4543305F, bin not found / already patched
8:315 0:000 4. [change XHCI to XHC]: pattern 58484349, bin not found / already patched
8:315 0:000 5. [change XHC1 to XHC]: pattern 58484331, bin not found / already patched
8:315 0:000 6. [change HECI to IMEI]: pattern 48454349, bin not found / already patched
8:315 0:000 0 replacements
8:315 0:000 0. [change GFX0 to IGPU]: pattern 47465830, bin not found / already patched
8:315 0:000 1. [change PEGP to GFX0]: pattern 50454750, bin not found / already patched
8:315 0:000 2. [Rename HDAS to HDEF]: pattern 48444153, bin not found / already patched
8:315 0:000 3. [change EC0 to EC]: pattern 4543305F, bin not found / already patched
8:315 0:000 4. [change XHCI to XHC]: pattern 58484349, bin not found / already patched
8:315 0:000 5. [change XHC1 to XHC]: pattern 58484331, bin not found / already patched
8:315 0:000 6. [change HECI to IMEI]: pattern 48454349, bin not found / already patched
8:315 0:000 0 replacements
8:315 0:000 0. [change GFX0 to IGPU]: pattern 47465830, bin not found / already patched
8:315 0:000 1. [change PEGP to GFX0]: pattern 50454750, bin not found / already patched
8:315 0:000 2. [Rename HDAS to HDEF]: pattern 48444153, bin not found / already patched
8:315 0:000 3. [change EC0 to EC]: pattern 4543305F, bin not found / already patched
8:315 0:000 4. [change XHCI to XHC]: pattern 58484349, bin not found / already patched
8:315 0:000 5. [change XHC1 to XHC]: pattern 58484331, bin not found / already patched
8:315 0:000 6. [change HECI to IMEI]: pattern 48454349, bin not found / already patched
8:315 0:000 0 replacements
8:315 0:000 CPUBase=0 and ApicCPUBase=1 ApicCPUNum=1
8:315 0:000 Maximum control=0x25
8:315 0:000 Turbo control=0x30
8:315 0:000 P-States: min 0x8, max 0x30
8:315 0:000 SSDT with plugin-type without P-States is generated
8:315 0:000 Cleanup XSDT: count=21, length=204
8:315 0:000 corrected XSDT count=21, length=204
8:315 0:000 === [ RestSetup macOS ] =====
8:315 0:000 EdidDiscovered size=128
8:315 0:000 --- Discovered EDID Table size:128
8:315 0:000 000 | 00 FF FF FF FF FF 00 04 72
8:315 0:000 010 | 16 02 C1 79 40 24 2C 16 01 03
8:315 0:000 020 | 80 35 1E 78 CA BB 04 A1 59 55
8:315 0:000 030 | 9E 28 0D 50 54 BF EF 80 71 4F
8:315 0:000 040 | 81 40 81 80 81 C0 81 00 95 00
8:315 0:000 050 | B3 00 D1 C0 02 3A 80 18 71 38
8:315 0:000 060 | 2D 40 58 2C 45 00 13 2B 21 00
8:315 0:000 070 | 00 1E 00 00 00 FD 00 38 4C 1F
8:315 0:000 080 | 53 11 00 0A 20 20 20 20 20 20
8:315 0:000 090 | 00 00 00 FC 00 53 32 34 32 48
8:315 0:000 100 | 4C 0A 20 20 20 20 20 20 00 00

```

8:315 0:000 110 | 00 FF 00 4C 52 39 30 44 30 31
8:315 0:000 120 | 32 38 35 33 36 0A 01 AE
8:315 0:000 Intel UHD Graphics 630 [8086:3E92] :: PciRoot(0x0)\Pci(0x2,0x0)
8:315 0:000 Found Full HD Display - 16:9 :: Width=1920 Height=1080
8:315 0:000 Additional Intel GFX properties injected, continue
8:315 0:000 IntelHDMI: used
8:315 0:000 Beginning DualLink auto-detection
8:315 0:000 High Resolution Display
8:315 0:000 AAPL00,DualLink = 1
8:315 0:000 FakeID Intel GFX = 0x59128086
8:315 0:000 ig-platform-id = 0x59120000
8:318 0:002 Intel GFX revision = 0x0
8:318 0:000 RCBA disabled; cannot use it
8:318 0:000 setting specified layout-id=7 (0x7)
8:318 0:000 stringlength = 2468
8:318 0:000 CurrentMode: Width=1920 Height=1080
8:318 0:000 Beginning FSInjection
FSInjectionInstall ...
- Our FSI_SIMPLE_FILE_SYSTEM_PROTOCOL installed on handle: 82725918
FSInjectionInstall ...
- Our FSI_SIMPLE_FILE_SYSTEM_PROTOCOL installed on handle: 82725918
8:326 0:008 Use origin smbios table type 1 guid.
8:339 0:012 Preparing kexts injection for arch=x86_64 from EFI\CLOVER\kexts\Other
8:339 0:000 Extra kext: EFI\CLOVER\kexts\Other\FakeSMC_SMM Sensors.kext (v.1800)
8:341 0:001 Extra kext: EFI\CLOVER\kexts\Other\FakeSMC_LPCSensors.kext (v.1800)
8:346 0:005 Extra kext: EFI\CLOVER\kexts\Other\FakeSMC_GPUSensors.kext (v.1800)
8:349 0:002 Extra kext: EFI\CLOVER\kexts\Other\FakeSMC_CPUSensors.kext (v.1800)
8:350 0:001 Extra kext: EFI\CLOVER\kexts\Other\FakeSMC_ACPI Sensors.kext (v.1800)
8:352 0:001 Extra kext: EFI\CLOVER\kexts\Other\XHCI-200-series-injector.kext (v.0.5.0)
8:353 0:000 Extra kext: EFI\CLOVER\kexts\Other\USBInjectAll.kext (v.0.6.2)
8:395 0:041 Extra kext: EFI\CLOVER\kexts\Other\Lilu.kext (v.1.2.7)
8:397 0:002 Extra kext: EFI\CLOVER\kexts\Other\IntelMausiEthernet.kext (v.2.4.0d0)
8:399 0:002 Extra kext: EFI\CLOVER\kexts\Other\FakeSMC.kext (v.1800)
8:402 0:002 Extra kext: EFI\CLOVER\kexts\Other\CodecCommander.kext (v.2.6.3)
8:405 0:003 Extra kext: EFI\CLOVER\kexts\Other\AppleALC.kext (v.1.3.2)
8:449 0:043 Preparing kexts injection for arch=x86_64 from EFI\CLOVER\kexts\10.13
8:451 0:001 SetScreenResolution: 1920x1080 - already set
8:451 0:000 Custom boot is disabled