

1. Description of audio problem

I cannot get audio to work, it will not show anything but the apple tv

2. macOS version/motherboard model/BIOS version/processor/graphics

10.4.5/ asrock p67 pro 3 SE/Bios 2.2/ 3,29 GHz Intel Core i5/ Radeon RX 580 8 GB

3. Procedure/Guide Used

I have thrown just about anything I could find at it. I tried also to find anything and delete that might be in the way. Must have made a mistake somewhere

4. Copy of IOReg - IOReg_v2.1 (**Tools** 2.)

1. IOReg/File/Save a Copy As..., verify file opens

5. Terminal - 3 commands, attach Terminal output

1. Code:

```
ioreg -rxn IOHDACodecDevice | grep VendorID  
"IOHDACodecVendorID" = 0x10ec0892
```

2. Code:

```
Bdmesg  
0:100 0:100 MemLog inited, TSC freq: 3292522280  
0:100 0:000 CPU was calibrated with ACPI PM Timer  
0:100 0:000  
0:100 0:000 Now is 17.7.2019, 13:31:33 (GMT)  
0:100 0:000 Starting Clover revision: 4920 on American Megatrends  
EFI  
0:100 0:000 Build with: [Args: -mc --no-usb -D  
NO_GRUB_DRIVERS_EMBEDDED -t XCODE8 | -D DISABLE_USB_SUPPORT -D  
NO_GRUB_DRIVERS_EMBEDDED --conf=/Users/macman/src/edk2/Conf -D  
USE_BIOS_BLOCKIO -D USE_LOW_EBDA -a X64 -b RELEASE -t XCODE8 -n 13 |  
OS: 10.14.4 | XCODE: 10.2]  
0:100 0:000  
SelfDevicePath=PciRoot(0x0)\Pci(0x1F,0x2)\Sata(0x5,0xFFFF,0x0)\HD(1,  
GPT,82767A05-9531-4820-BF7C-899029806B74,0x28,0x64000) @9E31B18  
0:100 0:000 SelfDirPath = \EFI\CLOVER  
0:100 0:000 === [ Get Smbios ]  
=====
```

```
0:100 0:000 Type 16 Index = 0  
0:100 0:000 Total Memory Slots Count = 4  
0:100 0:000 Type 17 Index = 0  
0:100 0:000 SmbiosTable.Type17->Speed = 1333MHz  
0:100 0:000 SmbiosTable.Type17->Size = 4096MB
```

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0:100 0:000 SmbiosTable.Type17->Bank/Device = BANK 0 ChannelA-
DIMM0
0:100 0:000 SmbiosTable.Type17->Vendor = 029E
0:100 0:000 SmbiosTable.Type17->SerialNumber = 00000000
0:100 0:000 SmbiosTable.Type17->PartNumber = CMZ8GX3M2A1600C9
0:100 0:000 Type 17 Index = 1
0:100 0:000 SmbiosTable.Type17->Speed = 1333MHz
0:100 0:000 SmbiosTable.Type17->Size = 4096MB
0:100 0:000 SmbiosTable.Type17->Bank/Device = BANK 1 ChannelA-
DIMM1
0:100 0:000 SmbiosTable.Type17->Vendor = 029E
0:100 0:000 SmbiosTable.Type17->SerialNumber = 00000000
0:100 0:000 SmbiosTable.Type17->PartNumber = CMZ8GX3M2A1600C9
0:100 0:000 Type 17 Index = 2
0:100 0:000 SmbiosTable.Type17->Speed = 1333MHz
0:100 0:000 SmbiosTable.Type17->Size = 4096MB
0:100 0:000 SmbiosTable.Type17->Bank/Device = BANK 2 ChannelB-
DIMM0
0:100 0:000 SmbiosTable.Type17->Vendor = 029E
0:100 0:000 SmbiosTable.Type17->SerialNumber = 00000000
0:100 0:000 SmbiosTable.Type17->PartNumber = CMZ8GX3M2A1600C9
0:100 0:000 Type 17 Index = 3
0:100 0:000 SmbiosTable.Type17->Speed = 1333MHz
0:100 0:000 SmbiosTable.Type17->Size = 4096MB
0:100 0:000 SmbiosTable.Type17->Bank/Device = BANK 3 ChannelB-
DIMM1
0:100 0:000 SmbiosTable.Type17->Vendor = 029E
0:100 0:000 SmbiosTable.Type17->SerialNumber = 00000000
0:100 0:000 SmbiosTable.Type17->PartNumber = CMZ8GX3M2A1600C9
0:100 0:000 Boot status=0
0:100 0:000 Running on: 'To Be Filled By O.E.M.' with board 'P67
Pro3 SE'
0:100 0:000 === [ GetCPUProperties ]
=====
0:100 0:000 CPU Vendor = 756E6547 Model=206A7
0:100 0:000 The CPU supported SSE4.1
0:100 0:000 BrandString = Intel(R) Core(TM) i5-2500 CPU @ 3.30GHz
0:100 0:000 The CPU supported turbo
0:100 0:000 MSR 0x35 40004
0:100 0:000 MSR 0xE2 before patch 1E008400
0:100 0:000 MSR 0xE2 is locked, PM patches will be turned on
0:100 0:000 MSR 0xCE 00001000_70012100
0:100 0:000 corrected FLEX_RATIO = 80000
0:100 0:000 MSR 0x1B0 00000000
0:100 0:000 FSBFrequency = 100 MHz, DMI FSBFrequency = 100 MHz,
Corrected FSBFrequency = 100 MHz
0:100 0:000 MaxDiv/MinDiv: 33.0/16
0:100 0:000 Turbo: 34/35/36/37
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: 3300 MHz
0:100 0:000 TSC: 3300 MHz

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0:100 0:000 PIS: 100 MHz
0:100 0:000 ExternalClock: 25 MHz
0:100 0:000 === [ GetDevices ]
=====
0:100 0:000 PCI (00|00:00.00) : 8086 0100 class=060000
0:100 0:000 PCI (00|00:01.00) : 8086 0101 class=060400
0:100 0:000 PCI (00|01:00.00) : 1002 67DF class=030000
0:100 0:000 - GFX: Model=AMD Radeon RX 480 (ATI/AMD)
0:100 0:000 PCI (00|01:00.01) : 1002 AAF0 class=040300
0:100 0:000 - HDMI Audio:
0:100 0:000 PCI (00|00:16.00) : 8086 1C3A class=078000
0:100 0:000 PCI (00|00:16.01) : FFFF FFFF class=FFFFFF
0:100 0:000 PCI (00|00:16.03) : FFFF FFFF class=FFFFFF
0:100 0:000 PCI (00|00:1A.00) : 8086 1C2D class=0C0320
0:100 0:000 PCI (00|00:1B.00) : 8086 1C20 class=040300
0:100 0:000 PCI (00|00:1C.00) : 8086 1C10 class=060400
0:100 0:000 PCI (00|00:1C.06) : 8086 1C1C class=060400
0:100 0:000 PCI (00|03:00.00) : 1969 1083 class=020000
0:100 0:000 - LAN: 0 Vendor=Atheros
0:100 0:000 PCI (00|00:1C.07) : 8086 1C1E class=060400
0:100 0:000 PCI (00|04:00.00) : 1B6F 7023 class=0C0330
0:100 0:000 PCI (00|00:1D.00) : 8086 1C26 class=0C0320
0:100 0:000 PCI (00|00:1F.00) : 8086 1C46 class=060100
0:100 0:000 PCI (00|00:1F.02) : 8086 1C02 class=010601
0:100 0:000 PCI (00|00:1F.03) : 8086 1C22 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 0:003 EFI\CLOVER\config.plist loaded: Success
0:104 0:000 === [ GetListOfThemes ]
=====
0:105 0:001 - [00]: EMBEDDED
0:106 0:001 - [00]: RANDOM
0:107 0:001 - [00]: tonymacx86
0:110 0:002 === [ Found config plists ]
=====
0:110 0:000 - config.plist
0:110 0:000 === [ GetEarlyUserSettings ]
=====
0:110 0:000 timeout set to 3
0:110 0:000 Custom boot CUSTOM_BOOT_DISABLED (0x0)
0:138 0:027 KextsToPatch: 4 requested
0:140 0:002 - [00]: AppleAHCIPort (External icons patch) ::
BinPatch :: data len: 8
0:149 0:009 - [01]: com.apple.iokit.IOUSBHostFamily (USB Port
Limit Patch 1 ©PMHeart) :: MatchOS: 10.14.4 :: BinPatch :: data len:
9
0:159 0:010 - [02]: com.apple.driver.usb.AppleUSBXHCI (USB Port
Limit Patch 2 ©PMHeart) :: MatchOS: 10.14.4 :: BinPatch :: data len:
10
0:169 0:010 - [03]: com.apple.iokit.IOUSBHostFamily (USB Port
Limit Patch 3 ©PMHeart) :: MatchOS: 10.14.4 :: BinPatch :: data len:
8

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0:180 0:010 Default theme: tonymacx86
0:182 0:001 Hiding entries with string Windows
0:186 0:003 Hiding entries with string BOOTX64.EFI
0:188 0:001 === [ LoadDrivers ]
=====
0:272 0:084 Loading ApfsDriverLoader-64.efi status=Success
0:279 0:006 - driver needs connecting
0:281 0:001 Loading AptioMemoryFix-64.efi status=Success
0:288 0:007 Loading AudioDxe-64.efi status=Success
0:295 0:006 - driver needs connecting
0:297 0:001 Loading DataHubDxe-64.efi status=Success
0:329 0:032 Loading FSInject-64.efi status=Success
0:338 0:008 Loading PartitionDxe-64.efi status=Success
0:345 0:006 - driver needs connecting
0:347 0:001 Loading SMCHelper-64.efi status=Success
0:354 0:007 Loading VBoxHfs-64.efi status=Success
0:362 0:007 - driver needs connecting
0:364 0:001 Loading APFS.EFI status=Success
0:392 0:028 - driver needs connecting
0:394 0:002 5 drivers needs connecting ...
0:396 0:001 PlatformDriverOverrideProtocol not found. Installing
... Success
0:400 0:004 Partition driver loaded: CD disconnect Success
0:408 0:008 APFS driver loaded
0:410 0:002 Searching for invalid DiskIo BY_DRIVER connects: not
found, all ok
7:326 6:916 === [ InitScreen ]
=====
7:412 0:085 Console modes reported: 3, available modes:
7:414 0:001 - [01]: 128x40 (current mode)
7:416 0:001 - [03]: 100x31
7:418 0:001 SetScreenResolution: 1920x1080 - not found!
7:422 0:004 SetMaxResolution: found best mode 2: 1024x768
7:426 0:004 - already set
7:429 0:003 SetScreenResolution: 1024x768 - already set
7:433 0:004 reinit: self device
path=PciRoot(0x0)\Pci(0x1F,0x2)\Sata(0x5,0xFFFF,0x0)\HD(1,GPT,82767A
05-9531-4820-BF7C-899029806B74,0x28,0x64000)
7:436 0:002 Using embedded font: Success
7:439 0:002 === [ GetMacAddress ]
=====
7:517 0:077 === [ ScanSPD ]
=====
7:609 0:092 Scanning SMBus [8086:1C22], mmio: 0xF7F05004, ioport:
0xF000, hostc: 0x1
7:630 0:021 Slot: 0 Type 24 4096MB 1333MHz Vendor=Corsair
PartNo=CMZ8GX3M2A1600C9 SerialNo=0000000000000000
7:653 0:023 Slot: 1 Type 24 4096MB 1333MHz Vendor=Corsair
PartNo=CMZ8GX3M2A1600C9 SerialNo=0000000000000000
7:675 0:021 Slot: 2 Type 24 4096MB 1333MHz Vendor=Corsair
PartNo=CMZ8GX3M2A1600C9 SerialNo=0000000000000000
7:696 0:021 Slot: 3 Type 24 4096MB 1333MHz Vendor=Corsair
PartNo=CMZ8GX3M2A1600C9 SerialNo=0000000000000000

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7:699 0:002 === [ GetAcpiTablesList ]
=====
7:770 0:070 Get Acpi Tables List from RSDT:
7:775 0:005 - [00]: FACP A M I len=132
7:777 0:001 - [01]: APIC A M I len=114
7:779 0:001 - [02]: ASF! HCG len=165
7:782 0:002 - [03]: MCFG A M I len=60
7:784 0:001 - [04]: SSDT AoacTabl len=1190
7:786 0:001 - [05]: AAFI OEMAAFT len=194
7:788 0:001 - [06]: HPET A M I len=56
7:790 0:002 - [07]: SSDT SataTabl len=877
7:792 0:001 - [08]: SSDT Cpu0Ist len=2474
7:794 0:002 - [09]: SSDT CpuPm len=2706
7:796 0:001 - [10]: BGRT A M I len=60
7:799 0:003 Calibrated TSC Frequency = 3292522280 = 3292MHz
7:802 0:002 === [ GetUserSettings ]
=====
7:877 0:075 USB FixOwnership: no
7:879 0:001 Dropping 1 tables:
7:881 0:001 - [00]: Drop table signature="MATS" (5354414D)
7:897 0:016 - set table: 5354414D, 0 to
drop: no
7:901 0:003 - final DSDT Fix mask=00000000
7:903 0:001 Using ProductName from config: iMac14,2
7:905 0:001 BiosVersion: not set, Using BiosVersion from clover
7:909 0:003 BiosVersion: IM142.88Z.F000.B00.1902141634
7:911 0:001 BiosReleaseDate: 02/14/2019
7:913 0:001 Using EfiVersion from clover: 135.0.0.0
7:915 0:001 Using FirmwareFeatures from clover: 0xE00FE137
7:917 0:002 Using FirmwareFeaturesMask from clover: 0xFF1FFF3F
7:919 0:001 Using PlatformFeature from clover: 0x1
7:922 0:003 === [ Found DSDT tables ]
=====
8:040 0:117 === [ ScanVolumes ]
=====
8:137 0:097 Found 37 volumes with blockIO
8:139 0:001 - [00]: Volume:
PciRoot(0x0)\Pci(0x1A,0x0)\USB(0x1,0x0)\USB(0x1,0x0)
8:144 0:004 USB volume
8:146 0:001 USB volume
8:148 0:001 - [01]: Volume:
PciRoot(0x0)\Pci(0x1C,0x7)\Pci(0x0,0x0)\USB(0x3,0x0)
8:152 0:004 USB volume
8:154 0:001 - [02]: Volume:
PciRoot(0x0)\Pci(0x1C,0x7)\Pci(0x0,0x0)\USB(0x3,0x0)\HD(1,GPT,14D122
77-5DDC-4265-B743-346F238E0B4A,0x28,0x64000)
8:159 0:004 Result of bootcode detection: bootable unknown
(legacy)
8:163 0:003 USB volume
8:201 0:038 - [03]: Volume:
PciRoot(0x0)\Pci(0x1C,0x7)\Pci(0x0,0x0)\USB(0x3,0x0)\HD(2,GPT,95EF82
47-85DE-4CFE-8C43-69FF9027E3FB,0x64028,0xE8D547B0)
8:206 0:005 USB volume

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8:208 0:002 - [04]: Volume:
PciRoot(0x0)\Pci(0x1C,0x7)\Pci(0x0,0x0)\USB(0x4,0x0)
8:213 0:004 USB volume
8:215 0:001 - [05]: Volume:
PciRoot(0x0)\Pci(0x1C,0x7)\Pci(0x0,0x0)\USB(0x4,0x0)\HD(1,GPT,BFB186
3E-7C2C-4ECC-83C7-1D62D075040C,0x28,0x64000)
8:221 0:006 Result of bootcode detection: bootable unknown
(legacy)
8:223 0:001 USB volume
8:265 0:041 - [06]: Volume:
PciRoot(0x0)\Pci(0x1C,0x7)\Pci(0x0,0x0)\USB(0x4,0x0)\HD(2,GPT,D336C1
BA-2572-4CFC-9BE9-4CE060F9F371,0x64028,0xE8D547B0)
8:270 0:005 USB volume
8:272 0:002 - [07]: Volume:
PciRoot(0x0)\Pci(0x1A,0x0)\USB(0x1,0x0)\USB(0x1,0x0)\Scsi(0x0,0x1)
8:276 0:004 USB volume
8:278 0:001 USB volume
8:280 0:001 - [08]: Volume:
PciRoot(0x0)\Pci(0x1A,0x0)\USB(0x1,0x0)\USB(0x1,0x0)\Scsi(0x0,0x2)
8:286 0:005 USB volume
8:288 0:001 USB volume
8:290 0:001 - [09]: Volume:
PciRoot(0x0)\Pci(0x1A,0x0)\USB(0x1,0x0)\USB(0x1,0x0)\Scsi(0x0,0x3)
8:294 0:003 USB volume
8:296 0:001 USB volume
8:298 0:001 - [10]: Volume:
PciRoot(0x0)\Pci(0x1C,0x7)\Pci(0x0,0x0)\USB(0x4,0x0)\Scsi(0x0,0x1)
8:302 0:004 USB volume
8:304 0:001 - [11]: Volume:
PciRoot(0x0)\Pci(0x1F,0x2)\Sata(0x0,0xFFFF,0x0)
8:310 0:006 - [12]: Volume:
PciRoot(0x0)\Pci(0x1F,0x2)\Sata(0x1,0xFFFF,0x0)
8:316 0:006 - [13]: Volume:
PciRoot(0x0)\Pci(0x1F,0x2)\Sata(0x2,0xFFFF,0x0)
8:321 0:004 - [14]: Volume:
PciRoot(0x0)\Pci(0x1F,0x2)\Sata(0x3,0xFFFF,0x0)
8:326 0:004 - [15]: Volume:
PciRoot(0x0)\Pci(0x1F,0x2)\Sata(0x4,0xFFFF,0x0)
8:329 0:003 Found optical drive
8:331 0:001 - [16]: Volume:
PciRoot(0x0)\Pci(0x1F,0x2)\Sata(0x5,0xFFFF,0x0)
8:336 0:004 - [17]: Volume:
PciRoot(0x0)\Pci(0x1F,0x2)\Sata(0x0,0xFFFF,0x0)\HD(1,GPT,704ADFF1-
99D2-4932-AE8A-63ECE591BF50,0x28,0x64000)
8:342 0:006 Result of bootcode detection: bootable unknown
(legacy)
8:349 0:007 - [18]: Volume:
PciRoot(0x0)\Pci(0x1F,0x2)\Sata(0x0,0xFFFF,0x0)\HD(2,GPT,EAF99A77-
75ED-4FE9-9D04-1EFBAD46ECE1,0x64028,0xDF30B60)
8:354 0:004 Result of bootcode detection: bootable unknown
(legacy)
8:356 0:002 - [19]: Volume:
PciRoot(0x0)\Pci(0x1F,0x2)\Sata(0x1,0xFFFF,0x0)\HD(1,GPT,23CD7D19-
D542-4DFC-9625-7B23D0319AE4,0x28,0x64000)

8:361 0:004 Result of bootcode detection: bootable unknown (legacy)

8:382 0:021 - [20]: Volume:
PciRoot(0x0)\Pci(0x1F,0x2)\Sata(0x1,0xFFFF,0x0)\HD(2,GPT,3B225679-0F44-45D0-8A45-FC82F0A37ABB,0x64028,0x74662D60)

8:386 0:004 - [21]: Volume:
PciRoot(0x0)\Pci(0x1F,0x2)\Sata(0x2,0xFFFF,0x0)\HD(1,GPT,56B40A38-4B8C-4B62-841D-7DB1CA1D8618,0x28,0x64000)

8:391 0:004 Result of bootcode detection: bootable unknown (legacy)

8:433 0:042 - [22]: Volume:
PciRoot(0x0)\Pci(0x1F,0x2)\Sata(0x2,0xFFFF,0x0)\HD(2,GPT,B0AD7CAB-DDF2-4DAF-8B43-CA61475D2725,0x64028,0x15D466360)

8:439 0:006 - [23]: Volume:
PciRoot(0x0)\Pci(0x1F,0x2)\Sata(0x2,0xFFFF,0x0)\HD(3,GPT,4F4FF4DD-FA5B-40A1-A1FF-57061A303B60,0x15D4CA388,0x40000)

8:444 0:004 - [24]: Volume:
PciRoot(0x0)\Pci(0x1F,0x2)\Sata(0x3,0xFFFF,0x0)\HD(1,GPT,8A57CE29-8696-4A2F-9EA4-47B9F732ED46,0x28,0x64000)

8:448 0:004 Result of bootcode detection: bootable unknown (legacy)

8:481 0:032 - [25]: Volume:
PciRoot(0x0)\Pci(0x1F,0x2)\Sata(0x3,0xFFFF,0x0)\HD(2,GPT,161B2637-A1AA-416E-A0C7-3438B17590E4,0x64028,0x15D466360)

8:488 0:006 - [26]: Volume:
PciRoot(0x0)\Pci(0x1F,0x2)\Sata(0x3,0xFFFF,0x0)\HD(3,GPT,B9B4ADD6-1744-4769-982C-27069A0836AB,0x15D4CA388,0x40000)

8:492 0:004 - [27]: Volume:
PciRoot(0x0)\Pci(0x1F,0x2)\Sata(0x5,0xFFFF,0x0)\HD(1,GPT,82767A05-9531-4820-BF7C-899029806B74,0x28,0x64000)

8:497 0:004 Result of bootcode detection: bootable unknown (legacy)

8:499 0:002 This is SelfVolume !!

8:501 0:001 - [28]: Volume:
PciRoot(0x0)\Pci(0x1F,0x2)\Sata(0x5,0xFFFF,0x0)\HD(2,GPT,C2490D2E-6A72-4799-94CF-EA0B35E8774B,0x64028,0xDF30B60)

8:508 0:006 Result of bootcode detection: bootable unknown (legacy)

8:510 0:002 - [29]: Volume:
PciRoot(0x0)\Pci(0x1F,0x2)\Sata(0x0,0xFFFF,0x0)\HD(2,GPT,EAF99A77-75ED-4FE9-9D04-1EFBAD46ECE1,0x64028,0xDF30B60)\VenMedia(BE74FCF7-0B7C-49F3-9147-01F4042E6842,7C8CC15913866944835DA5212B06E5E7)

8:514 0:004 - [30]: Volume:
PciRoot(0x0)\Pci(0x1F,0x2)\Sata(0x0,0xFFFF,0x0)\HD(2,GPT,EAF99A77-75ED-4FE9-9D04-1EFBAD46ECE1,0x64028,0xDF30B60)\VenMedia(BE74FCF7-0B7C-49F3-9147-01F4042E6842,8E58E807AF783A4B9016F3CB1D846630)

8:519 0:005 - [31]: Volume:
PciRoot(0x0)\Pci(0x1F,0x2)\Sata(0x0,0xFFFF,0x0)\HD(2,GPT,EAF99A77-75ED-4FE9-9D04-1EFBAD46ECE1,0x64028,0xDF30B60)\VenMedia(BE74FCF7-0B7C-49F3-9147-01F4042E6842,0FC4A87A5427BC41B512D334BFA6D00D)

8:523 0:004 - [32]: Volume:
PciRoot(0x0)\Pci(0x1F,0x2)\Sata(0x0,0xFFFF,0x0)\HD(2,GPT,EAF99A77-75ED-4FE9-9D04-1EFBAD46ECE1,0x64028,0xDF30B60)\VenMedia(BE74FCF7-0B7C-49F3-9147-01F4042E6842,462FAB7F1935EA40AF096196674083C7)

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8:529 0:005 - [33]: Volume:
PciRoot(0x0)\Pci(0x1F,0x2)\Sata(0x5,0xFFFF,0x0)\HD(2,GPT,C2490D2E-
6A72-4799-94CF-EA0B35E8774B,0x64028,0xDF30B60)\VenMedia(BE74FCF7-
0B7C-49F3-9147-01F4042E6842,B70164E722327C4E93B3AE8D1E69B23F)
8:533 0:004 - [34]: Volume:
PciRoot(0x0)\Pci(0x1F,0x2)\Sata(0x5,0xFFFF,0x0)\HD(2,GPT,C2490D2E-
6A72-4799-94CF-EA0B35E8774B,0x64028,0xDF30B60)\VenMedia(BE74FCF7-
0B7C-49F3-9147-01F4042E6842,4F982ADADFB29332959329A7C8D295B1)
8:537 0:004 - [35]: Volume:
PciRoot(0x0)\Pci(0x1F,0x2)\Sata(0x5,0xFFFF,0x0)\HD(2,GPT,C2490D2E-
6A72-4799-94CF-EA0B35E8774B,0x64028,0xDF30B60)\VenMedia(BE74FCF7-
0B7C-49F3-9147-01F4042E6842,17E581D129917042B5DA89F26956E839)
8:543 0:005 - [36]: Volume:
PciRoot(0x0)\Pci(0x1F,0x2)\Sata(0x5,0xFFFF,0x0)\HD(2,GPT,C2490D2E-
6A72-4799-94CF-EA0B35E8774B,0x64028,0xDF30B60)\VenMedia(BE74FCF7-
0B7C-49F3-9147-01F4042E6842,EC9DD0AD477A574D978557DA94688A33)
8:547 0:004 found 2 handles with audio
8:550 0:002 No AudioIoDevice stored
8:552 0:002 no stored audio parameters
8:555 0:003 === [ InitTheme ]
=====
8:642 0:086 use daylight theme
8:647 0:004 Using theme 'tonymacx86'
(EFI\CLOVER\themes\tonymacx86)
8:649 0:002 file sound read: sound.wav Not Found
8:651 0:001 Loading font from ThemeDir: Error
8:654 0:002 theme initied
8:656 0:001 Chosen theme tonymacx86
8:658 0:002 found boot-args in NVRAM:, size=1
8:660 0:002 after NVRAM boot-args=dart=0 nv_disable=1
8:662 0:002 Scanning legacy ...
8:666 0:003 === [ Dump SMC keys from NVRAM ]
=====
8:722 0:056 found AppleSMC protocol
8:806 0:083 Registered 16 SMC keys
8:809 0:003 === [ ScanLoader ]
=====
8:894 0:084 - [02]: 'EFI'
8:949 0:054 - [03]: 'Video'
9:021 0:071 - [05]: 'EFI'
9:064 0:042 - [06]: 'CCC video '
9:135 0:071 - [17]: 'EFI'
9:182 0:047 AddLoaderEntry for Volume Name=EFI
9:184 0:002 skipped because entry is hidden
9:186 0:002 - [19]: 'EFI'
9:231 0:045 - [20]: 'TIMEMACHINE'
9:340 0:109 - [21]: 'EFI'
9:383 0:043 - [22]: 'Raid Foto's'
9:446 0:062 - [23]: 'Boot OS X'
9:489 0:043 - [24]: 'EFI'
9:532 0:043 - [25]: 'Raid Foto's'
9:591 0:058 - [26]: 'Boot OS X'
9:634 0:043 - [27]: 'EFI'
9:679 0:044 AddLoaderEntry for Volume Name=EFI

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9:681 0:002          skipped because entry is hidden
9:683 0:001 - [29]: 'Preboot'
9:704 0:020          AddLoaderEntry for Volume Name=Preboot
9:721 0:017          Check if volume Is Hibernated:
9:725 0:003          Check sleep image 'by signature':
9:729 0:003          using default sleep image name =
\private\var\vm\sleepimage
9:731 0:002          sleepimage not found -> Not Found
9:734 0:002          hibernated: no - sign
9:747 0:013          AddLoaderEntry for Volume Name=Preboot
9:841 0:094 - [30]: 'BCKUP Mojave'
10:000 0:158         AddLoaderEntry for Volume Name=BCKUP Mojave
10:035 0:034         Check if volume Is Hibernated:
10:037 0:001         Check sleep image 'by signature':
10:087 0:050         read prefs
\Library\Preferences\com.apple.PowerManagement.plist status=Success
10:089 0:002         using default sleep image name =
\private\var\vm\sleepimage
10:112 0:023         sleepimage not found -> Not Found
10:114 0:001         hibernated: no - sign
10:218 0:103 - [31]: 'Recovery'
10:234 0:015         AddLoaderEntry for Volume Name=Recovery
10:320 0:086 - [32]: 'VM'
10:363 0:043 - [33]: 'Preboot'
10:389 0:025         AddLoaderEntry for Volume Name=Preboot
10:414 0:025         Check if volume Is Hibernated:
10:416 0:001         Check sleep image 'by signature':
10:419 0:003         using default sleep image name =
\private\var\vm\sleepimage
10:422 0:002         sleepimage not found -> Not Found
10:424 0:001         hibernated: no - sign
10:434 0:010         AddLoaderEntry for Volume Name=Preboot
10:523 0:088 - [34]: 'Mojave DT'
10:680 0:157         AddLoaderEntry for Volume Name=Mojave DT
10:717 0:036         Check if volume Is Hibernated:
10:721 0:003         Check sleep image 'by signature':
10:776 0:054         read prefs
\Library\Preferences\com.apple.PowerManagement.plist status=Success
10:778 0:001         using default sleep image name =
\private\var\vm\sleepimage
10:806 0:028         sleepimage not found -> Not Found
10:808 0:001         hibernated: no - sign
10:913 0:104 - [35]: 'Recovery'
10:936 0:023         AddLoaderEntry for Volume Name=Recovery
11:016 0:079 - [36]: 'VM'
11:059 0:043 === [ AddCustomTool ]
=====
11:141 0:081 found tool \EFI\CLOVER\tools\Shell64U.efi
11:143 0:001 Checking EFI partition Volume 2 for Clover
11:145 0:001 Checking EFI partition Volume 5 for Clover
11:147 0:002 Checking EFI partition Volume 17 for Clover
11:151 0:004 Found Clover
11:157 0:006 === [ GetEfiBootDeviceFromNvram ]
=====

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11:212 0:054 Default boot entry not found
11:214 0:001 DefaultIndex=-1 and MainMenu.EntryCount=14
11:311 0:097 GUI ready
22:433 11:121 Found BIOS RSDP at FDF00
22:438 0:005 Printing ACPI tables from RSDP FDF00 ...
22:440 0:001 FDF00: 'RSD PTR ', Rev: 2 (Acpi 2.0 or newer), Len:
36
22:448 0:008 (Xsdt: DEB53080, Rsdt: DEB53028)
22:450 0:001 DEB53080: 'XSDT', 'A M I', Rev: 1, Len: 124
22:456 0:005 DEB53028: 'RSDT', 'A M I', Rev: 1, Len: 80
22:462 0:006 Tables in Xsdt: 11
22:464 0:001 0. DEB5C890: 'FACP', 'A M I', Rev: 4, Len: 244
22:470 0:005 (Dsdt: DEB53190, Facs: DEB6AF80, XDsd:
DEB53190, XFacs: 0)
22:476 0:006 DEB53190: 'DSDT', 'A M I', Rev: 2, Len: 38654
22:487 0:010 DEB6AF80: 'FACS', Ver: 2, Len: 64
22:491 0:004 1. DEB5C988: 'APIC', 'A M I', Rev: 3, Len: 114
22:497 0:006 2. DEB5CA00: 'ASF!', ' HCG', Rev: 32, Len: 165
22:504 0:006 3. DEB5CAA8: 'MCFG', 'A M I', Rev: 1, Len: 60
22:510 0:006 4. DEB5CAE8: 'SSDT', 'AoacTabl', Rev: 1, Len: 1190
22:516 0:006 5. DEB5CF90: 'AAFT', 'OEMAAFT', Rev: 1, Len: 194
22:522 0:005 6. DEB5D058: 'HPET', 'A M I', Rev: 1, Len: 56
22:529 0:007 7. DEB5D090: 'SSDT', 'SataTabl', Rev: 1, Len: 877
22:535 0:006 8. DEB5D400: 'SSDT', 'Cpu0Ist', Rev: 1, Len: 2474
22:542 0:006 9. DEB5DDB0: 'SSDT', 'CpuPm', Rev: 1, Len: 2706
22:548 0:006 10. DEB5E848: 'BGRT', 'A M I', Rev: 0, Len: 60
22:554 0:005 Tables in Rsdt: 11
22:556 0:002 0. DEB53108: 'FACP', 'A M I', Rev: 2, Len: 132
22:562 0:005 (Dsdt: DEB53190, Facs: DEB6AF40)
22:566 0:003 DEB53190: 'DSDT', 'A M I', Rev: 2, Len: 38654
22:572 0:006 DEB6AF40: 'FACS', Ver: 0, Len: 64
22:578 0:005 1. DEB5C988: 'APIC', 'A M I', Rev: 3, Len: 114
22:584 0:005 2. DEB5CA00: 'ASF!', ' HCG', Rev: 32, Len: 165
22:590 0:006 3. DEB5CAA8: 'MCFG', 'A M I', Rev: 1, Len: 60
22:596 0:005 4. DEB5CAE8: 'SSDT', 'AoacTabl', Rev: 1, Len: 1190
22:602 0:005 5. DEB5CF90: 'AAFT', 'OEMAAFT', Rev: 1, Len: 194
22:608 0:005 6. DEB5D058: 'HPET', 'A M I', Rev: 1, Len: 56
22:614 0:006 7. DEB5D090: 'SSDT', 'SataTabl', Rev: 1, Len: 877
22:620 0:006 8. DEB5D400: 'SSDT', 'Cpu0Ist', Rev: 1, Len: 2474
22:628 0:007 9. DEB5DDB0: 'SSDT', 'CpuPm', Rev: 1, Len: 2706
22:634 0:005 10. DEB5E848: 'BGRT', 'A M I', Rev: 0, Len: 60
22:640 0:005 Found UEFI Acpi 2.0 RSDP at DEB53000
22:642 0:001 Saving ACPI tables from RSDP DEB53000 to
EFI\CLOVER\ACPI\origin ...
22:644 0:002 DEB53000: 'RSD PTR ', Rev: 2 (Acpi 2.0 or newer),
Len: 36 -> RSDP.aml
22:662 0:018 (Xsdt: DEB53080, Rsdt: DEB53028)
22:664 0:002 DEB53080: 'XSDT', 'A M I', Rev: 1, Len: 124 ->
XSDT.aml
22:679 0:014 DEB53028: 'RSDT', 'A M I', Rev: 1, Len: 80 ->
RSDT.aml
22:691 0:012 Tables in Xsdt: 11
22:693 0:002 0. DEB5C890: 'FACP', 'A M I', Rev: 4, Len: 244 ->
FACP.aml

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22:706 0:012      (Dsd: DEB53190, Facs: DEB6AF80, XDsd:
DEB53190, XFacs: 0)
22:712 0:006      DEB53190: 'DSDT', 'A M I', Rev: 2, Len: 38654 -
> DSDT.aml
22:726 0:014      DEB6AF80: 'FACS', Ver: 2, Len: 64 -> FACS.aml
22:737 0:010      1. DEB5C988: 'APIC', 'A M I', Rev: 3, Len: 114 ->
APIC.aml
22:752 0:014      2. DEB5CA00: 'ASF!', ' HCG', Rev: 32, Len: 165 ->
ASF!.aml
22:765 0:013      3. DEB5CAA8: 'MCFG', 'A M I', Rev: 1, Len: 60 ->
MCFG.aml
22:778 0:012      4. DEB5CAE8: 'SSDT', 'AoacTabl', Rev: 1, Len: 1190
-> SSDT-0-AoacTabl.aml
22:790 0:012      5. DEB5CF90: 'AAFT', 'OEMAAFT', Rev: 1, Len: 194 ->
AAFT.aml
22:803 0:012      6. DEB5D058: 'HPET', 'A M I', Rev: 1, Len: 56 ->
HPET.aml
22:815 0:012      7. DEB5D090: 'SSDT', 'SataTabl', Rev: 1, Len: 877 -
> SSDT-1-SataTabl.aml
22:828 0:012      8. DEB5D400: 'SSDT', 'Cpu0Ist', Rev: 1, Len: 2474 -
> SSDT-2-Cpu0Ist.aml
22:844 0:015      9. DEB5DDB0: 'SSDT', 'CpuPm', Rev: 1, Len: 2706 ->
SSDT-3-CpuPm.aml (Found hidden SSDT 4 pcs)
22:856 0:012      * 94C7018: 'SSDT', 'CpuPm', Rev: 1, Len: 2706
53 53 44 54 92 0A 00 00 01 44 50 6D 52 65 66 00 Internal length =
2706 -> SSDT-x3_0-CpuPm.aml
22:901 0:044      * DE89AA98: 'SSDT', 'ApIst', Rev: 1, Len: 771
53 53 44 54 03 03 00 00 01 76 50 6D 52 65 66 00 Internal length =
771 -> SSDT-x3_1-ApIst.aml
22:947 0:046      * DE899018: 'SSDT', 'Cpu0Cst', Rev: 1, Len:
2107 53 53 44 54 3B 08 00 00 01 D8 50 6D 52 65 66 00 Internal
length = 2107 -> SSDT-x3_2-Cpu0Cst.aml
22:992 0:044      * DE89BC18: 'SSDT', 'ApCst', Rev: 1, Len: 281
53 53 44 54 19 01 00 00 01 EC 50 6D 52 65 66 00 Internal length =
281 -> SSDT-x3_3-ApCst.aml
23:038 0:045
23:040 0:002      10. DEB5E848: 'BGRT', 'A M I', Rev: 0, Len: 60 ->
BGRT.aml
23:052 0:012      Tables in Rsd: 11
23:054 0:002      0. DEB53108: 'FACP', 'A M I', Rev: 2, Len: 132 ->
RSDT-FACP.aml
23:069 0:014      (Dsd: DEB53190, Facs: DEB6AF40)
23:073 0:003      DEB53190: 'DSDT', 'A M I', Rev: 2, Len: 38654
23:079 0:006      DEB6AF40: 'FACS', Ver: 0, Len: 64 -> RSDT-
FACS.aml
23:090 0:010      1. DEB5C988: 'APIC', 'A M I', Rev: 3, Len: 114
23:096 0:006      2. DEB5CA00: 'ASF!', ' HCG', Rev: 32, Len: 165
23:102 0:006      3. DEB5CAA8: 'MCFG', 'A M I', Rev: 1, Len: 60
23:108 0:006      4. DEB5CAE8: 'SSDT', 'AoacTabl', Rev: 1, Len: 1190
23:114 0:006      5. DEB5CF90: 'AAFT', 'OEMAAFT', Rev: 1, Len: 194
23:123 0:009      6. DEB5D058: 'HPET', 'A M I', Rev: 1, Len: 56
23:130 0:006      7. DEB5D090: 'SSDT', 'SataTabl', Rev: 1, Len: 877
23:136 0:006      8. DEB5D400: 'SSDT', 'Cpu0Ist', Rev: 1, Len: 2474
23:142 0:006      9. DEB5DDB0: 'SSDT', 'CpuPm', Rev: 1, Len: 2706

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23:148 0:006      10. DEB5E848: 'BGRT', 'A M I', Rev: 0, Len: 60
23:154 0:006 Found UEFI Acpi 1.0 RSDP at DEB53000
23:156 0:001 Printing ACPI tables from RSDP DEB53000 ...
23:158 0:002 DEB53000: 'RSD PTR ', Rev: 2 (Acpi 2.0 or newer),
Len: 36
23:168 0:009      (Xsdt: DEB53080, Rsdtd: DEB53028)
23:170 0:002 DEB53080: 'XSDT', 'A M I', Rev: 1, Len: 124
23:176 0:006 DEB53028: 'RSDT', 'A M I', Rev: 1, Len: 80
23:182 0:006 Tables in Xsdt: 11
23:184 0:002 0. DEB5C890: 'FACP', 'A M I', Rev: 4, Len: 244
23:190 0:006      (Dsdt: DEB53190, Facs: DEB6AF80, XDsdtd:
DEB53190, XFacs: 0)
23:196 0:005 DEB53190: 'DSDT', 'A M I', Rev: 2, Len: 38654
23:202 0:006 DEB6AF80: 'FACS', Ver: 2, Len: 64
23:208 0:005 1. DEB5C988: 'APIC', 'A M I', Rev: 3, Len: 114
23:214 0:006 2. DEB5CA00: 'ASF!', ' HCG', Rev: 32, Len: 165
23:220 0:006 3. DEB5CAA8: 'MCFG', 'A M I', Rev: 1, Len: 60
23:226 0:006 4. DEB5CAE8: 'SSDT', 'AoacTabl', Rev: 1, Len: 1190
23:232 0:006 5. DEB5CF90: 'AAFT', 'OEMAAFT', Rev: 1, Len: 194
23:238 0:006 6. DEB5D058: 'HPET', 'A M I', Rev: 1, Len: 56
23:244 0:006 7. DEB5D090: 'SSDT', 'SataTabl', Rev: 1, Len: 877
23:250 0:006 8. DEB5D400: 'SSDT', 'Cpu0Ist', Rev: 1, Len: 2474
23:258 0:007 9. DEB5DDB0: 'SSDT', 'CpuPm', Rev: 1, Len: 2706
23:264 0:006 10. DEB5E848: 'BGRT', 'A M I', Rev: 0, Len: 60
23:270 0:006 Tables in Rsdtd: 11
23:272 0:002 0. DEB53108: 'FACP', 'A M I', Rev: 2, Len: 132
23:278 0:006      (Dsdt: DEB53190, Facs: DEB6AF40)
23:282 0:003 DEB53190: 'DSDT', 'A M I', Rev: 2, Len: 38654
23:289 0:006 DEB6AF40: 'FACS', Ver: 0, Len: 64
23:293 0:004 1. DEB5C988: 'APIC', 'A M I', Rev: 3, Len: 114
23:300 0:007 2. DEB5CA00: 'ASF!', ' HCG', Rev: 32, Len: 165
23:306 0:006 3. DEB5CAA8: 'MCFG', 'A M I', Rev: 1, Len: 60
23:312 0:006 4. DEB5CAE8: 'SSDT', 'AoacTabl', Rev: 1, Len: 1190
23:318 0:006 5. DEB5CF90: 'AAFT', 'OEMAAFT', Rev: 1, Len: 194
23:324 0:006 6. DEB5D058: 'HPET', 'A M I', Rev: 1, Len: 56
23:330 0:006 7. DEB5D090: 'SSDT', 'SataTabl', Rev: 1, Len: 877
23:336 0:006 8. DEB5D400: 'SSDT', 'Cpu0Ist', Rev: 1, Len: 2474
23:342 0:006 9. DEB5DDB0: 'SSDT', 'CpuPm', Rev: 1, Len: 2706
23:350 0:007 10. DEB5E848: 'BGRT', 'A M I', Rev: 0, Len: 60
23:361 0:010 Found BIOS RSDP at FDF00
23:363 0:002 Printing ACPI tables from RSDP FDF00 ...
23:365 0:002 FDF00: 'RSD PTR ', Rev: 2 (Acpi 2.0 or newer), Len:
36
23:373 0:008      (Xsdt: DEB53080, Rsdtd: DEB53028)
23:375 0:002 DEB53080: 'XSDT', 'A M I', Rev: 1, Len: 124
23:381 0:005 DEB53028: 'RSDT', 'A M I', Rev: 1, Len: 80
23:387 0:006 Tables in Xsdt: 11
23:389 0:002 0. DEB5C890: 'FACP', 'A M I', Rev: 4, Len: 244
23:397 0:008      (Dsdt: DEB53190, Facs: DEB6AF80, XDsdtd:
DEB53190, XFacs: 0)
23:403 0:005 DEB53190: 'DSDT', 'A M I', Rev: 2, Len: 38654
23:410 0:006 DEB6AF80: 'FACS', Ver: 2, Len: 64
23:414 0:004 1. DEB5C988: 'APIC', 'A M I', Rev: 3, Len: 114
23:420 0:006 2. DEB5CA00: 'ASF!', ' HCG', Rev: 32, Len: 165

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23:426 0:005 3. DEB5CAA8: 'MCFG', 'A M I', Rev: 1, Len: 60
23:432 0:006 4. DEB5CAE8: 'SSDT', 'AoacTabl', Rev: 1, Len: 1190
23:438 0:006 5. DEB5CF90: 'AAFT', 'OEMAAFT', Rev: 1, Len: 194
23:446 0:007 6. DEB5D058: 'HPET', 'A M I', Rev: 1, Len: 56
23:452 0:006 7. DEB5D090: 'SSDT', 'SataTabl', Rev: 1, Len: 877
23:458 0:006 8. DEB5D400: 'SSDT', 'Cpu0Ist', Rev: 1, Len: 2474
23:464 0:006 9. DEB5DDB0: 'SSDT', 'CpuPm', Rev: 1, Len: 2706
23:470 0:006 10. DEB5E848: 'BGRT', 'A M I', Rev: 0, Len: 60
23:476 0:005 Tables in Rsdt: 11
23:478 0:002 0. DEB53108: 'FACP', 'A M I', Rev: 2, Len: 132
23:484 0:006 (Dsdt: DEB53190, Facs: DEB6AF40)
23:489 0:005 DEB53190: 'DSDT', 'A M I', Rev: 2, Len: 38654
23:496 0:006 DEB6AF40: 'FACS', Ver: 0, Len: 64
23:500 0:004 1. DEB5C988: 'APIC', 'A M I', Rev: 3, Len: 114
23:506 0:006 2. DEB5CA00: 'ASF!', ' HCG', Rev: 32, Len: 165
23:512 0:006 3. DEB5CAA8: 'MCFG', 'A M I', Rev: 1, Len: 60
23:518 0:006 4. DEB5CAE8: 'SSDT', 'AoacTabl', Rev: 1, Len: 1190
23:524 0:006 5. DEB5CF90: 'AAFT', 'OEMAAFT', Rev: 1, Len: 194
23:530 0:006 6. DEB5D058: 'HPET', 'A M I', Rev: 1, Len: 56
23:538 0:007 7. DEB5D090: 'SSDT', 'SataTabl', Rev: 1, Len: 877
23:544 0:006 8. DEB5D400: 'SSDT', 'Cpu0Ist', Rev: 1, Len: 2474
23:550 0:006 9. DEB5DDB0: 'SSDT', 'CpuPm', Rev: 1, Len: 2706
23:556 0:006 10. DEB5E848: 'BGRT', 'A M I', Rev: 0, Len: 60
23:562 0:005 Found UEFI Acpi 2.0 RSDP at DEB53000
23:564 0:001 Saving ACPI tables from RSDP DEB53000 to
EFI\CLOVER\ACPI\origin ...
23:566 0:002 DEB53000: 'RSD PTR ', Rev: 2 (Acpi 2.0 or newer),
Len: 36 -> RSDP.aml
23:582 0:015 (Xsdt: DEB53080, Rsdt: DEB53028)
23:584 0:002 DEB53080: 'XSDT', 'A M I', Rev: 1, Len: 124 ->
XSDT.aml
23:597 0:012 DEB53028: 'RSDT', 'A M I', Rev: 1, Len: 80 ->
RSDT.aml
23:609 0:012 Tables in Xsdt: 11
23:611 0:002 0. DEB5C890: 'FACP', 'A M I', Rev: 4, Len: 244 ->
FACP.aml
23:624 0:012 (Dsdt: DEB53190, Facs: DEB6AF80, XDsd:
DEB53190, XFacs: 0)
23:630 0:006 DEB53190: 'DSDT', 'A M I', Rev: 2, Len: 38654 -
> DSDT.aml
23:643 0:013 DEB6AF80: 'FACS', Ver: 2, Len: 64 -> FACS.aml
23:656 0:012 1. DEB5C988: 'APIC', 'A M I', Rev: 3, Len: 114 ->
APIC.aml
23:669 0:013 2. DEB5CA00: 'ASF!', ' HCG', Rev: 32, Len: 165 ->
ASF!.aml
23:682 0:012 3. DEB5CAA8: 'MCFG', 'A M I', Rev: 1, Len: 60 ->
MCFG.aml
23:695 0:012 4. DEB5CAE8: 'SSDT', 'AoacTabl', Rev: 1, Len: 1190
-> SSDT-0-AoacTabl.aml
23:707 0:012 5. DEB5CF90: 'AAFT', 'OEMAAFT', Rev: 1, Len: 194 ->
AAFT.aml
23:720 0:012 6. DEB5D058: 'HPET', 'A M I', Rev: 1, Len: 56 ->
HPET.aml

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23:734 0:014 7. DEB5D090: 'SSDT', 'SataTabl', Rev: 1, Len: 877 -
> SSDT-1-SataTabl.aml
23:747 0:012 8. DEB5D400: 'SSDT', 'Cpu0Ist', Rev: 1, Len: 2474 -
> SSDT-2-Cpu0Ist.aml
23:760 0:012 9. DEB5DDB0: 'SSDT', 'CpuPm', Rev: 1, Len: 2706 ->
SSDT-3-CpuPm.aml (Found hidden SSDT 4 pcs)
23:775 0:014 * 94C7018: 'SSDT', 'CpuPm', Rev: 1, Len: 2706
53 53 44 54 92 0A 00 00 01 44 50 6D 52 65 66 00 Internal length =
2706 -> SSDT-x3_0-CpuPm.aml
23:819 0:044 * DE89AA98: 'SSDT', 'ApIst', Rev: 1, Len: 771
53 53 44 54 03 03 00 00 01 76 50 6D 52 65 66 00 Internal length =
771 -> SSDT-x3_1-ApIst.aml
23:867 0:048 * DE899018: 'SSDT', 'Cpu0Cst', Rev: 1, Len:
2107 53 53 44 54 3B 08 00 00 01 D8 50 6D 52 65 66 00 Internal
length = 2107 -> SSDT-x3_2-Cpu0Cst.aml
23:913 0:045 * DE89BC18: 'SSDT', 'ApCst', Rev: 1, Len: 281
53 53 44 54 19 01 00 00 01 EC 50 6D 52 65 66 00 Internal length =
281 -> SSDT-x3_3-ApCst.aml
23:957 0:044
23:959 0:002 10. DEB5E848: 'BGRT', 'A M I', Rev: 0, Len: 60 ->
BGRT.aml
23:974 0:014 Tables in Rsdtd: 11
23:976 0:002 0. DEB53108: 'FACP', 'A M I', Rev: 2, Len: 132 ->
RSDT-FACP.aml
23:989 0:012 (Dsdtd: DEB53190, Facs: DEB6AF40)
23:993 0:003 DEB53190: 'DSDT', 'A M I', Rev: 2, Len: 38654 -
> RSDT-DSDT.aml
24:004 0:011 DEB6AF40: 'FACS', Ver: 0, Len: 64 -> RSDT-
FACS.aml
24:015 0:010 1. DEB5C988: 'APIC', 'A M I', Rev: 3, Len: 114 ->
RSDT-APIC.aml
24:026 0:011 2. DEB5CA00: 'ASF!', ' HCG', Rev: 32, Len: 165 ->
RSDT-ASF!.aml
24:039 0:012 3. DEB5CAA8: 'MCFG', 'A M I', Rev: 1, Len: 60 ->
RSDT-MCFG.aml
24:053 0:013 4. DEB5CAE8: 'SSDT', 'AoacTabl', Rev: 1, Len: 1190
-> RSDT-SSDT-4-AoacTabl.aml
24:064 0:010 5. DEB5CF90: 'AAFT', 'OEMAAFT', Rev: 1, Len: 194 ->
RSDT-AAFT.aml
24:075 0:010 6. DEB5D058: 'HPET', 'A M I', Rev: 1, Len: 56 ->
RSDT-HPET.aml
24:086 0:010 7. DEB5D090: 'SSDT', 'SataTabl', Rev: 1, Len: 877 -
> RSDT-SSDT-5-SataTabl.aml
24:097 0:011 8. DEB5D400: 'SSDT', 'Cpu0Ist', Rev: 1, Len: 2474 -
> RSDT-SSDT-6-Cpu0Ist.aml
24:110 0:013 9. DEB5DDB0: 'SSDT', 'CpuPm', Rev: 1, Len: 2706 ->
RSDT-SSDT-7-CpuPm.aml (Found hidden SSDT 4 pcs)
24:122 0:011 * 94C7018: 'SSDT', 'CpuPm', Rev: 1, Len: 2706
53 53 44 54 92 0A 00 00 01 44 50 6D 52 65 66 00 Internal length =
2706 -> RSDT-SSDT-x7_0-CpuPm.aml
24:167 0:045 * DE89AA98: 'SSDT', 'ApIst', Rev: 1, Len: 771
53 53 44 54 03 03 00 00 01 76 50 6D 52 65 66 00 Internal length =
771 -> RSDT-SSDT-x7_1-ApIst.aml

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24:211 0:043      * DE899018: 'SSDT', 'Cpu0Cst', Rev: 1, Len:
2107 53 53 44 54 3B 08 00 00 01 D8 50 6D 52 65 66 00 Internal
length = 2107 -> RSDT-SSDT-x7_2-Cpu0Cst.aml
24:257 0:046      * DE89BC18: 'SSDT', 'ApCst', Rev: 1, Len: 281
53 53 44 54 19 01 00 00 01 EC 50 6D 52 65 66 00 Internal length =
281 -> RSDT-SSDT-x7_3-ApCst.aml
24:301 0:043
24:303 0:002      10. DEB5E848: 'BGRT', 'A M I', Rev: 0, Len: 60 ->
RSDT-BGRT.aml
24:316 0:013      Found UEFI Acpi 1.0 RSDP at DEB53000
24:318 0:001      Printing ACPI tables from RSDP DEB53000 ...
24:322 0:004      DEB53000: 'RSD PTR ', Rev: 2 (Acpi 2.0 or newer),
Len: 36
24:330 0:008      (Xsdt: DEB53080, Rsdtd: DEB53028)
24:333 0:002      DEB53080: 'XSDT', 'A M I', Rev: 1, Len: 124
24:339 0:006      DEB53028: 'RSDT', 'A M I', Rev: 1, Len: 80
24:345 0:006      Tables in Xsdt: 11
24:347 0:002      0. DEB5C890: 'FACP', 'A M I', Rev: 4, Len: 244
24:353 0:006      (Dsdt: DEB53190, Facs: DEB6AF80, XDsdtd:
DEB53190, XFacs: 0)
24:359 0:005      DEB53190: 'DSMT', 'A M I', Rev: 2, Len: 38654
24:366 0:006      DEB6AF80: 'FACS', Ver: 2, Len: 64
24:371 0:005      1. DEB5C988: 'APIC', 'A M I', Rev: 3, Len: 114
24:377 0:006      2. DEB5CA00: 'ASF!', ' HCG', Rev: 32, Len: 165
24:384 0:006      3. DEB5CAA8: 'MCFG', 'A M I', Rev: 1, Len: 60
24:390 0:006      4. DEB5CAE8: 'SSDT', 'AoacTabl', Rev: 1, Len: 1190
24:396 0:006      5. DEB5CF90: 'AAFT', 'OEMAAFT', Rev: 1, Len: 194
24:402 0:006      6. DEB5D058: 'HPET', 'A M I', Rev: 1, Len: 56
24:408 0:006      7. DEB5D090: 'SSDT', 'SataTabl', Rev: 1, Len: 877
24:415 0:007      8. DEB5D400: 'SSDT', 'Cpu0Ist', Rev: 1, Len: 2474
24:421 0:006      9. DEB5DDB0: 'SSDT', 'CpuPm', Rev: 1, Len: 2706
24:428 0:006      10. DEB5E848: 'BGRT', 'A M I', Rev: 0, Len: 60
24:434 0:006      Tables in Rsdtd: 11
24:436 0:002      0. DEB53108: 'FACP', 'A M I', Rev: 2, Len: 132
24:442 0:006      (Dsdt: DEB53190, Facs: DEB6AF40)
24:446 0:004      DEB53190: 'DSMT', 'A M I', Rev: 2, Len: 38654
24:452 0:006      DEB6AF40: 'FACS', Ver: 0, Len: 64
24:456 0:003      1. DEB5C988: 'APIC', 'A M I', Rev: 3, Len: 114
24:464 0:007      2. DEB5CA00: 'ASF!', ' HCG', Rev: 32, Len: 165
24:470 0:006      3. DEB5CAA8: 'MCFG', 'A M I', Rev: 1, Len: 60
24:476 0:006      4. DEB5CAE8: 'SSDT', 'AoacTabl', Rev: 1, Len: 1190
24:482 0:006      5. DEB5CF90: 'AAFT', 'OEMAAFT', Rev: 1, Len: 194
24:488 0:006      6. DEB5D058: 'HPET', 'A M I', Rev: 1, Len: 56
24:494 0:006      7. DEB5D090: 'SSDT', 'SataTabl', Rev: 1, Len: 877
24:500 0:006      8. DEB5D400: 'SSDT', 'Cpu0Ist', Rev: 1, Len: 2474
24:506 0:006      9. DEB5DDB0: 'SSDT', 'CpuPm', Rev: 1, Len: 2706
24:514 0:007      10. DEB5E848: 'BGRT', 'A M I', Rev: 0, Len: 60
28:929 4:415      BootVariable of the entry is empty
28:933 0:003      === [ StartLoader ]
=====
29:016 0:082      Finally: ExternalClock=25MHz BusSpeed=99774kHz
CPUFreq=3293MHz PIS: hw.busfrequency=100000000Hz
29:020 0:004      Loading boot.efi status=Success
29:061 0:041      GetOSVersion: 10.14.5 (18F132)

```

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29:065 0:004 CSR_CFG: CSR_ALLOW_UNTRUSTED_KEXTS |
CSR_ALLOW_UNRESTRICTED_FS
29:069 0:004 Filtering KextPatches:
29:071 0:002 - [00]: AppleAHCIPort (External icons patch) ::
BinPatch :: [OS: 10.14.5 | MatchOS: All | MatchBuild: All] ==>
allowed
29:075 0:004 - [01]: com.apple.iokit.IOUSBHostFamily (USB Port
Limit Patch 1 ©PMHeart) :: BinPatch :: [OS: 10.14.5 | MatchOS:
10.14.4 | MatchBuild: All] ==> not allowed
29:079 0:004 - [02]: com.apple.driver.usb.AppleUSBXHCI (USB Port
Limit Patch 2 ©PMHeart) :: BinPatch :: [OS: 10.14.5 | MatchOS:
10.14.4 | MatchBuild: All] ==> not allowed
29:085 0:005 - [03]: com.apple.iokit.IOUSBHostFamily (USB Port
Limit Patch 3 ©PMHeart) :: BinPatch :: [OS: 10.14.5 | MatchOS:
10.14.4 | MatchBuild: All] ==> not allowed
29:089 0:004 Will not patch boot.efi
29:091 0:001 === [ PatchSmbios ]
=====
29:174 0:083 insert table 9 for dev 0:0
29:176 0:002 insert table 9 for dev 0:1
29:178 0:002 insert table 9 for dev 0:0
29:181 0:002 Channels: 2
29:183 0:002 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
29:236 0:053 SMBIOS Type 17 Index = 0 => 0 0:
29:238 0:002 BANK 0 DIMM0 1333MHz 4096MB
29:240 0:002 SMBIOS Type 17 Index = 1 => 2 2:
29:242 0:002 BANK 1 DIMM0 1333MHz 4096MB
29:245 0:002 SMBIOS Type 17 Index = 2 => 1 1:
29:247 0:002 BANK 0 DIMM1 1333MHz 4096MB
29:249 0:002 SMBIOS Type 17 Index = 3 => 3 3:
29:251 0:002 BANK 1 DIMM1 1333MHz 4096MB
29:253 0:002 mTotalSystemMemory = 16384
29:255 0:002 NumberOfMemoryDevices = 4
29:258 0:003 Type20[0]->End = 0x3FFFFFF, Type17[0] = 0x1000
29:260 0:002 Type20[1]->End = 0xBFFFFFF, Type17[2] = 0x4000
29:262 0:002 Type20[2]->End = 0x7FFFFFF, Type17[1] = 0x6000
29:264 0:002 Type20[3]->End = 0xFFFFFFFF, Type17[3] = 0xA000
29:266 0:002 Table 131 is present, CPUType=35
29:268 0:002 Change to: 603
29:270 0:002 === [ PatchACPI ]
=====
29:357 0:086 Xsdt reallocation done
29:359 0:002 old FADT length=F4
29:361 0:002 SignatureFixup: 0x0 -> 0x0
29:367 0:005 Apply DsdtFixMask=0x00000000
29:369 0:002 drop _DSM mask=0xFFFF
29:371 0:002 === [ FixBiosDsdt ]
=====
29:453 0:082 0 replacements
29:456 0:002 PreCleanup XSDT: count=11, length=124
29:458 0:002 PreCleanup XSDT, corrected XSDT: count=11, length=124
29:460 0:002 === [ ACPIDropTables ]
=====

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29:536 0:076 0 replacements
29:538 0:002 0 replacements
29:540 0:002 0 replacements
29:542 0:002 0 replacements
29:546 0:003 Found OperationRegion(PPMT, SystemMemory, DEB6BD18,
...)
29:548 0:002 CPUBase=0 and ApicCPUBase=1 ApicCPUNum=4
29:550 0:002 Cleanup XSDT: count=11, length=124
29:552 0:002 corrected XSDT count=11, length=124
29:554 0:002 === [ RestSetup macOS ]
=====
29:628 0:074 ATI injection not set
29:630 0:002 setting specified layout-id=1 (0x1)
29:632 0:002 stringlength = 538
29:634 0:002 CurrentMode: Width=1024 Height=768
29:638 0:003 Beginning FSInjection
FSInjectionInstall ...
- Our FSI_SIMPLE_FILE_SYSTEM_PROTOCOL installed on handle: AF74C98
FSInjectionInstall ...
- Our FSI_SIMPLE_FILE_SYSTEM_PROTOCOL installed on handle: AF74C98
29:644 0:005 Use origin smbios table type 1 guid.
29:656 0:011 Preparing kexts injection for arch=x86_64 from
EFI\CLOVER\kexts\Other
29:658 0:002 Extra kext: EFI\CLOVER\kexts\Other\HDAEnabler1.kext
(v.1.0.0d1)
29:665 0:007 Extra kext: EFI\CLOVER\kexts\Other\USBInjectAll.kext
(v.0.7.1)
29:699 0:034 Extra kext:
EFI\CLOVER\kexts\Other\NullCPUPowerManagement.kext (v.1.0.0d2)
29:724 0:024 Extra kext:
EFI\CLOVER\kexts\Other\GenericUSBXHCI.kext (v.1.2.11)
29:752 0:027 Extra kext: EFI\CLOVER\kexts\Other\ALXEthernet.kext
(v.1.0.2)
29:778 0:026 Extra kext: EFI\CLOVER\kexts\Other\WhateverGreen.kext
(v.1.2.7)
29:807 0:028 Extra kext:
EFI\CLOVER\kexts\Other\RealtekRTL8111.kext (v.2.2.2)
29:835 0:028 Extra kext: EFI\CLOVER\kexts\Other\Lilu.kext
(v.1.3.5)
29:857 0:022 Extra kext:
EFI\CLOVER\kexts\Other\IntelMausiEthernet.kext (v.2.4.0)
29:867 0:009 Extra kext: EFI\CLOVER\kexts\Other\FakeSMC.kext
(v.1800)
29:892 0:025 Extra kext:
EFI\CLOVER\kexts\Other\AtherosE2200Ethernet.kext (v.2.2.2)
29:917 0:025 Preparing kexts injection for arch=x86_64 from
EFI\CLOVER\kexts\10.14
29:935 0:017 SetScreenResolution: 1024x768 - already set
29:939 0:004 Custom boot is disabled

```

3. Code:

```

diskutil list
/dev/disk0 (internal, physical):

```

#:	TYPE NAME	SIZE
IDENTIFIER		
0:	GUID_partition_scheme	*3.0 TB
disk0		
1:	EFI EFI	209.7 MB
disk0s1		
2:	Apple_RAID	3.0 TB
disk0s2		
3:	Apple_Boot Boot OS X	134.2 MB
disk0s3		

/dev/disk1 (internal, physical):

#:	TYPE NAME	SIZE
IDENTIFIER		
0:	GUID_partition_scheme	*1.0 TB
disk1		
1:	EFI EFI	209.7 MB
disk1s1		
2:	Apple_HFS TIMEMACHINE	999.9 GB
disk1s2		

/dev/disk2 (internal, physical):

#:	TYPE NAME	SIZE
IDENTIFIER		
0:	GUID_partition_scheme	*3.0 TB
disk2		
1:	EFI EFI	209.7 MB
disk2s1		
2:	Apple_RAID	3.0 TB
disk2s2		
3:	Apple_Boot Boot OS X	134.2 MB
disk2s3		

/dev/disk3 (internal, physical):

#:	TYPE NAME	SIZE
IDENTIFIER		
0:	GUID_partition_scheme	*120.0 GB
disk3		
1:	EFI EFI	209.7 MB
disk3s1		
2:	Apple_APFS Container disk5	119.8 GB
disk3s2		

/dev/disk4 (internal, physical):

#:	TYPE NAME	SIZE
IDENTIFIER		
0:	GUID_partition_scheme	*120.0 GB
disk4		
1:	EFI EFI	209.7 MB
disk4s1		
2:	Apple_APFS Container disk6	119.8 GB
disk4s2		

/dev/disk5 (synthesized):

#:	TYPE	NAME	SIZE
IDENTIFIER			
0:	APFS Container Scheme	-	+119.8 GB
disk5			
		Physical Store disk3s2	
1:	APFS Volume	BCKUP Mojave	73.4 GB
disk5s1			
2:	APFS Volume	Preboot	43.0 MB
disk5s2			
3:	APFS Volume	Recovery	510.1 MB
disk5s3			
4:	APFS Volume	VM	20.5 KB
disk5s4			

/dev/disk6 (synthesized):

#:	TYPE	NAME	SIZE
IDENTIFIER			
0:	APFS Container Scheme	-	+119.8 GB
disk6			
		Physical Store disk4s2	
1:	APFS Volume	Mojave DT	85.1 GB
disk6s1			
2:	APFS Volume	Preboot	46.0 MB
disk6s2			
3:	APFS Volume	Recovery	509.7 MB
disk6s3			
4:	APFS Volume	VM	20.5 KB
disk6s4			

/dev/disk7 (internal, virtual):

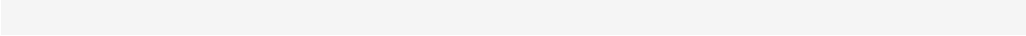
#:	TYPE	NAME	SIZE
IDENTIFIER			
0:	Apple_HFS	Raid Foto's	+3.0 TB
disk7			

/dev/disk8 (external, physical):

#:	TYPE	NAME	SIZE
IDENTIFIER			
0:	GUID_partition_scheme		*2.0 TB
disk8			
1:	EFI	EFI	209.7 MB
disk8s1			
2:	Apple_HFS	Video	2.0 TB
disk8s2			

/dev/disk9 (external, physical):

#:	TYPE	NAME	SIZE
IDENTIFIER			
0:	GUID_partition_scheme		*2.0 TB
disk9			
1:	EFI	EFI	209.7 MB
disk9s1			
2:	Apple_HFS	CCC video	2.0 TB
disk9s2			

- 
6. Copy installed S/L/E/AppleHDA.kext (10.11 and newer, search: show hidden files)

done

7. Screen shots:

1. System Preferences/Sound/Input
2. System Preferences/Sound/Output

8. Clover

1. EFI/CLOVER/config.plist

done

2. EFI/CLOVER/ACPI/patched/dsdt.aml (if installed)

None present

3. EFI/CLOVER/ACPI/patched/ssdt(s).aml (if installed)

None present

9. Put all files in a folder, compress and attach to Post