

0:100 0:100 MemLog inited, TSC freq: 3192437550
0:100 0:000 MemLog was calibrated without ACPI PM Timer: ACPI I/O space is not enabled.
0:100 0:000
0:100 0:000 Now is 26.8.2016, 4:19:50 (GMT)
0:100 0:000 Starting Clover rev 3423 on American Megatrends EFI
0:100 0:000 SelfDevicePath=PciRoot(0x0)\Pci(0x17,0x0)\Sata(0x4,0xFFFF,0x0)\HD(1,GPT,B5724F45-DF86-4048-8764-18BA0BFFC3E7,0x28,0x64000)@B9E39018
0:100 0:000 SelfDirPath = \EFI\BOOT
0:100 0:000 Total Memory Slots Count = 2
0:100 0:000 Type 17 Index = 0
0:100 0:000 SmbiosTable.Type17->Speed = 2133MHz
0:100 0:000 SmbiosTable.Type17->Size = 4096MB
0:100 0:000 SmbiosTable.Type17->Bank/Device = BANK 0 DIMM_A1
0:100 0:000 Type 17 Index = 1
0:100 0:000 SmbiosTable.Type17->Speed = 2133MHz
0:100 0:000 SmbiosTable.Type17->Size = 4096MB
0:100 0:000 SmbiosTable.Type17->Bank/Device = BANK 2 DIMM_B1
0:100 0:000 Boot status=0
0:100 0:000 Clover revision: 3423 running on System Product Name
0:100 0:000 ... with board B150I PRO GAMING_WIFI_AURA
0:100 0:000 CPU Vendor = 756E6547 Model=506E3
0:100 0:000 got cores from CPUID_1 = 0
0:100 0:000 The CPU supported turbo
0:100 0:000 BrandString = Intel(R) Core(TM) i5-6500 CPU @ 3.20GHz
0:100 0:000 TSC/CCC Information Leaf:
0:100 0:000 numerator : 266
0:100 0:000 denominator : 2
0:100 0:000 Calibrated ARTFrequency: 24003289
0:100 0:000 MSR 0xE2 before patch 1E000000
0:100 0:000 MSR 0xE4 00031814
0:100 0:000 MSR 0xCE 00080838_F1012000
0:100 0:000 non-usable FLEX_RATIO = 10000
0:100 0:000 corrected FLEX_RATIO = 0
0:100 0:000 FSBFrequency=100MHz DMIvalue=100000kHz
0:100 0:000 Corrected FSBFrequency=100MHz
0:100 0:000 Vendor/Model/Stepping: 0x756E6547/0x5E/0x3
0:100 0:000 Family/ExtFamily: 0x6/0x0
0:100 0:000 MaxDiv/MinDiv: 32.0/8
0:100 0:000 Turbo: 33/34/35/36
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: 3200 MHz
0:100 0:000 TSC: 3200 MHz
0:100 0:000 PIS: 400 MHz
0:100 0:000 PCI (00100:00.00) : 8086 191F class=060000
0:100 0:000 PCI (00100:01.00) : 8086 1901 class=060400

0:100 0:000 PCI (00101:00.00) : 1002 6811 class=030000
0:100 0:000 Found Radeon model=AMD Radeon R9 270
0:100 0:000 PCI (00101:00.01) : 1002 AAB0 class=040300
0:100 0:000 PCI (00100:14.00) : 8086 A12F class=0C0330
0:100 0:000 PCI (00100:16.00) : 8086 A13A class=078000
0:100 0:000 PCI (00100:17.00) : 8086 A102 class=010601
0:100 0:000 PCI (00100:1C.00) : 8086 A114 class=060400
0:100 0:000 PCI (00100:1C.06) : 8086 A116 class=060400
0:100 0:000 PCI (00103:00.00) : 168C 003E class=028000
0:100 0:000 PCI (00100:1D.00) : 8086 A118 class=060400
0:100 0:000 PCI (00100:1F.00) : 8086 A148 class=060100
0:100 0:000 PCI (00100:1F.02) : 8086 A121 class=058000
0:100 0:000 PCI (00100:1F.03) : 8086 A170 class=040300
0:100 0:000 PCI (00100:1F.04) : 8086 A123 class=0C0500
0:100 0:000 PCI (00100:1F.06) : 8086 15B8 class=020000
0:100 0:000 LAN 0, Vendor=8086, MMIO=F7F00000
0:100 0:000 Clover load options size = 0 bytes
0:104 0:003 Using OEM config.plist at path: EFI\CLOVER\config.plist
0:104 0:000 EFI\CLOVER\config.plist loaded: Success
0:105 0:001 Found theme directory: embedded
0:105 0:000 Found theme directory: random
0:105 0:000 Found theme directory: tonymacx86
0:107 0:001 Loading early settings
0:107 0:000 timeout set to 3
0:107 0:000 Custom boot CUSTOM_BOOT_DISABLED (0x0)
0:107 0:000 KextsToPatch: 4 requested
0:107 0:000 KextsToPatch 0: AppleAHCIPort (External icons patch) Kext bin patch, data len: 8
0:107 0:000 KextsToPatch 1: AppleHDA (10.11-AppleHDA/Realtek ALC...) Kext bin patch, data len: 4
0:107 0:000 KextsToPatch 2: AppleHDA (10.9-10.11-AppleHDA/Realtek ALC1150) Kext bin patch, data len: 4
0:107 0:000 KextsToPatch 3: AppleHDA (AppleHDA/Resources/xml>zml) Kext bin patch, data len: 6
0:107 0:000 Default theme: tonymacx86
0:107 0:000 Hiding entries with string Windows
0:107 0:000 Hiding entries with string \EFI\BOOT\BOOTX64.EFI
0:107 0:000 LoadDrivers() start
0:108 0:001 Loading FSInject-64.efi status=Success
0:109 0:001 Loading OsxAptioFix2Drv-64.efi status=Success
0:109 0:000 Loading OsxFatBinaryDrv-64.efi status=Success
0:110 0:000 Loading VBoxHfs-64.efi status=Success
0:110 0:000 - driver needs connecting
0:110 0:000 1 drivers needs connecting ...
0:110 0:000 PlatformDriverOverrideProtocol->GetDriver overridden
0:110 0:000 Searching for invalid Disklo BY_DRIVER connects: not found, all ok
0:227 0:117 LoadDrivers() end
0:227 0:000 Dump SMC keys from NVRAM:
0:234 0:007 SetScreenResolution: 1920x1080 - already set
0:234 0:000 Console modes reported: 4, available modes:

0:234 0:000 Mode 1: 80x25 (current mode)
0:234 0:000 Mode 2: 80x50
0:234 0:000 Mode 3: 100x31
0:234 0:000 Mode 4: 240x56
0:234 0:000 reinit: self device path=PciRoot(0x0)\Pci(0x17,0x0)\Sata(0x4,0xFFFF,0x0)\HD(1,GPT,B5724F45-DF86-4048-8764-18BA0BFFC3E7,0x28,0x64000)
0:235 0:000 ScanSPD() start
0:235 0:000 SMBus CmdReg: 0x3
0:235 0:000 Scanning SMBus [8086:A123], mmio: 0xF7F4A004, ioport: 0xF000, hostc: 0x11
0:235 0:000 Slots to scan [8]...
0:249 0:014 SPD[0]: Type 0 @0x50
0:269 0:020 SPD[2]: Type 0 @0x52
0:300 0:030 ScanSPD() end
0:300 0:000 Get Acpi Tables List from RSDT:
0:300 0:000 Found table: FACP A M I len=132
0:300 0:000 Found table: APIC A M I len=132
0:300 0:000 Found table: FPDT A M I len=68
0:300 0:000 Found table: FIDT A M I len=156
0:300 0:000 Found table: MCFG A M I len=60
0:300 0:000 Found table: HPET A M I len=56
0:300 0:000 Found table: SSDT SataTabl len=877
0:300 0:000 Found table: LPIT SKL len=148
0:300 0:000 Found table: SSDT sensrhub len=584
0:300 0:000 Found table: SSDT PtidDevc len=11182
0:300 0:000 Found table: SSDT Ther_Rvp len=3315
0:300 0:000 Found table: DBGP len=52
0:300 0:000 Found table: DBG2 len=84
0:300 0:000 Found table: SSDT xh_rvp08 len=1833
0:300 0:000 Found table: SSDT SaSsd len=21226
0:300 0:000 Found table: UEFI len=66
0:300 0:000 Found table: SSDT CpuSsd len=3672
0:300 0:000 Found table: BGRT A M I len=56
0:300 0:000 Calibrated TSC frequency =3192437550 =3192MHz
0:300 0:000 Loading main settings
0:300 0:000 Config set Fixes will override FixMask mask!
0:300 0:000 final mask=00000000
0:300 0:000 PatchesDSDT: 1 requested
0:300 0:000 DSDT bin patch #0 lenToFind=4 lenToReplace=4
0:300 0:000 Config set ChassisType=0x6
0:300 0:000 found 4 volumes with blockIO
0:300 0:000 0. Volume:
0:300 0:000 PciRoot(0x0)\Pci(0x17,0x0)\Sata(0x4,0xFFFF,0x0)
0:302 0:001 1. Volume:
0:302 0:000 PciRoot(0x0)\Pci(0x17,0x0)\Sata(0x4,0xFFFF,0x0)\HD(1,GPT,B5724F45-DF86-4048-8764-18BA0BFFC3E7,0x28,0x64000)
0:302 0:000 Result of bootcode detection: bootable unknown (legacy)
0:303 0:000 This is SelfVolume !!
0:303 0:000 2. Volume:
0:303 0:000 PciRoot(0x0)\Pci(0x17,0x0)\Sata(0x4,0xFFFF,0x0)\HD(2,GPT,

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0F3C9B18-8BC0-4307-8551-AB8EC77AC530,0x64028,0x1D02BA00)
0:303 0:000 3. Volume:
0:303 0:000 PciRoot(0x0)\Pci(0x17,0x0)\Sata(0x4,0xFFFF,0x0)\HD(3,GPT,
4983C5C2-3F2C-409E-9DAB-4902DFBBA9E5,0x1D08FA28,0x135F20)
0:304 0:000 Using theme 'tonymacx86' (EFI\CLOVER\themes\tonymacx86)
0:304 0:000 Warning! Character width should be even!
0:304 0:000 Choosing theme tonymacx86
0:304 0:000 Custom legacy start
0:304 0:000 Custom legacy end
0:304 0:000 Scanning legacy ...
0:304 0:000 0: 'Whole Disc Boot' (legacy) not legacy
0:304 0:000 1: 'EFI' (legacy) not legacy
0:304 0:000 2: 'OSX' (legacy) not legacy
0:304 0:000 3: 'Recovery HD' (legacy) not legacy
0:304 0:000 Custom entries start
0:304 0:000 Custom entries finish
0:304 0:000 Scanning loaders...
0:304 0:000 0: 'Whole Disc Boot' no file system
0:304 0:000 1: 'EFI'
0:322 0:017 2: 'OSX'
0:328 0:006 AddLoaderEntry for Volume Name=OSX
0:330 0:001 Check if volume Is Hibernated:
0:330 0:000 Check sleep image 'by signature':
0:336 0:006 read prefs \Library\Preferences\SystemConfiguration
\com.apple.PowerManagement.plist status=Not Found
0:336 0:000 using default sleep image name = \private\var\vm\sleepimage
0:340 0:004 sleepimage not found -> Not Found
0:341 0:000 hibernated: no - sign
0:356 0:015 3: 'Recovery HD'
0:357 0:001 AddLoaderEntry for Volume Name=Recovery HD
0:373 0:015 Custom tool start
0:373 0:000 Custom tool end
0:373 0:000 found tool \EFI\CLOVER\tools\Shell64U.efi
0:373 0:000 Checking EFI partition Volume 1 for Clover
0:373 0:000 Found Clover
0:375 0:001 GetEfiBootDeviceFromNvram: efi-boot-device-data not found
0:375 0:000 EfiBootVolume not found
0:375 0:000 found entry 0. 'Boot Mac OS X from OSX', Volume 'OSX', DevicePath
'PciRoot(0x0)\Pci(0x17,0x0)\Sata(0x4,0xFFFF,0x0)\HD(2,GPT,
0F3C9B18-8BC0-4307-8551-AB8EC77AC530,0x64028,0x1D02BA00)\System
\Library\CoreServices\boot.efi'
0:375 0:000 DefaultIndex=0 and MainMenu.EntryCount=8
0:522 0:147 Found Mouse device:
0:523 0:000 GUI ready
2:788 2:264 Boot option Boot0000 not found
2:788 0:000 StartLoader() start
2:788 0:000 Entry->Settings: <null string>
2:788 0:000 Finally: Bus=99763kHz CPU=3192MHz
2:788 0:000 Kernel and Kext Patches at B4573AB8:
2:788 0:000 Allowed: y

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2:788 0:000 Debug: n
2:788 0:000 KernelCpu: n
2:788 0:000 Lpic: n
2:788 0:000 Haswell-E: n
2:788 0:000 AICPUPM: y
2:788 0:000 AppleRTC: y
2:788 0:000 KernelPm: y
2:788 0:000 FakeCPUID: 0x0
2:788 0:000 ATIController: null
2:788 0:000 ATIDataLength: 0
2:788 0:000 0 Kexts to load
2:788 0:000 4 Kexts to patch
2:788 0:000 KextPatch[0]: 8 bytes, AppleAHCIPort
2:788 0:000 KextPatch[1]: 4 bytes, AppleHDA
2:788 0:000 KextPatch[2]: 4 bytes, AppleHDA
2:788 0:000 KextPatch[3]: 6 bytes, AppleHDA
2:788 0:000 Loading boot.efi status=Success
2:933 0:145 GetOSVersion: : 10.11.6
2:933 0:000 insert table 9 for dev 0:0
2:933 0:000 insert table 9 for dev 0:1
2:933 0:000 insert table 9 for dev 1F:6
2:933 0:000 insert table 9 for dev 0:0
2:934 0:000 Trusting SMBIOS...
2:934 0:000 Detected alternating SMBIOS channel banks
2:934 0:000 Channels: 2
2:934 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
2:934 0:000 partNum=F4-3000C15-4GTZ
2:934 0:000 SMBIOS Type 17 Index = 0 => 0 0:
2:934 0:000 DIMM1 2133MHz 4096MB
2:934 0:000 mTotalSystemMemory = 4096
2:934 0:000 partNum=F4-3000C15-4GTZ
2:934 0:000 SMBIOS Type 17 Index = 1 => 1 2:
2:934 0:000 DIMM2 2133MHz 4096MB
2:934 0:000 mTotalSystemMemory = 8192
2:934 0:000 NumberOfMemoryDevices = 2
2:934 0:000 Type20[0]->End = 0x3FFFFFF, Type17[0] = 0x1000
2:934 0:000 Type20[1]->End = 0x7FFFFFF, Type17[1] = 0x3000
2:934 0:000 Table 131 is present, CPUType=14
2:934 0:000 Change to: 605
2:934 0:000 RSDT 0xB4583028
2:934 0:000 FADT from RSDT: 0xB4583160
2:934 0:000 XSDT 0xB45830A0
2:934 0:000 FADT from XSDT: 0xB45A4B48
2:934 0:000 Xsdt reallocation done
2:934 0:000 old FADT length=10C
2:936 0:002 Apply DsdtFixMask=0x00000000 old way
2:936 0:000 drop _DSM mask=0x0000
2:936 0:000 ===== Auto patch DSDT Starting =====
2:936 0:000 VideoCard devID=0x68111002

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2:936 0:000 DisplayADR1[0] = 0x10000, DisplayADR2[0] = 0x0
2:936 0:000 USBADR[0] = 0x140000 and PCIe = 0xFFFFE
2:936 0:000 Found Airport Atheros at 0x1C0006, 0x0, DeviceID=0x003E
2:936 0:000 Audio HDA (addr:0x1F0003) setting specified layout-id=1 (0x1)
2:936 0:000 patch pattern 48444153
2:936 0:000 patched at A57C
2:936 0:000 patched at 19F6
2:936 0:000 patched at 86
2:936 0:000 patched at D
2:936 0:000 patched at A1
2:936 0:000 patched at 6A
2:937 0:000 first CPU found at 8F4A offset 8F4D
2:937 0:000 score candidate at 8F46
2:937 0:000 score inserted in acpi_cpu_score _PR_
2:937 0:000 Found ACPI CPU: CPU0 And CPU1 And CPU2 And CPU3 And CPU4
And CPU5 And CPU6 And CPU7
within the score: _PR_
2:937 0:000 Found PCIROOTUID = 0
2:937 0:000 ===== Auto patch DSDT Finished =====
2:937 0:000 Patch table: SSDT SataTabl
2:937 0:000 SSDT len = 0x36D
2:937 0:000 patch pattern 48444153
2:937 0:000 bin not found
2:937 0:000 Patch table: SSDT sensrhub
2:937 0:000 SSDT len = 0x248
2:937 0:000 patch pattern 48444153
2:937 0:000 bin not found
2:937 0:000 Patch table: SSDT PtidDevc
2:937 0:000 SSDT len = 0x2BAE
2:937 0:000 patch pattern 48444153
2:937 0:000 bin not found
2:937 0:000 Patch table: SSDT Ther_Rvp
2:937 0:000 SSDT len = 0xCF3
2:937 0:000 patch pattern 48444153
2:937 0:000 bin not found
2:937 0:000 Patch table: SSDT xh_rvp08
2:937 0:000 SSDT len = 0x729
2:937 0:000 patch pattern 48444153
2:937 0:000 bin not found
2:937 0:000 Patch table: SSDT SaSsdT
2:937 0:000 SSDT len = 0x52EA
2:937 0:000 patch pattern 48444153
2:937 0:000 bin not found
2:937 0:000 Patch table: SSDT CpuSsdT
2:937 0:000 SSDT len = 0xE58
2:937 0:000 patch pattern 48444153
2:937 0:000 bin not found
2:937 0:000 Drop tables from Xsdt, SIGN=XXXX TableID= Length=0
2:937 0:000 Xsdt has tables count=18
2:937 0:000 corrected XSDT length=180

2:937 0:000 Inserting SSDT-HDMI-AMD-PEG0.aml from EFI\CLOVER\ACPI
\patched ... Success
2:938 0:000 CPUBase=0 and ApicCPUBase=1 ApicCPUNum=1
2:938 0:000 EdidDiscovered size=128
2:938 0:000 00 | 00 FF FF FF FF FF FF 00 4C 2D B3 0A 00 00 00 00
2:938 0:000 16 | 34 16 01 03 80 30 1B 78 0A 26 21 A6 55 55 A0 28
2:938 0:000 32 | 0D 50 54 BD EF 80 71 4F 81 C0 81 00 81 80 95 00
2:938 0:000 48 | A9 C0 B3 00 01 01 02 3A 80 18 71 38 2D 40 58 2C
2:938 0:000 64 | 45 00 DD 0C 11 00 00 1E 66 21 56 AA 51 00 1E 30
2:938 0:000 80 | 46 8F 33 00 DD 0C 11 00 00 1E 00 00 00 FD 00 18
2:938 0:000 96 | 4B 0F 51 17 00 0A 20 20 20 20 20 20 00 00 00 FC
2:938 0:000 112 | 00 54 32 32 43 33 30 30 0A 20 20 20 20 01 DC
2:938 0:000 Framebuffer @0xE0000000 MMIO @0xF7E00000
I/O Port @0x0000E000 ROM Addr @0xF7E40000
2:938 0:000 ATI card POSTed,
2:938 0:000 Set VRAM for Cedar=2048Mb
2:938 0:000 ATI: get_vram_size returned 0x80000000
2:938 0:000 ATI Radeon EVERGREEN family
2:938 0:000 Framebuffer set to device's default: Futomaki
2:938 0:000 N ports defaults to 5
2:938 0:000 (AtiPorts) Nr of ports set to: 5
2:938 0:000 ATI Pitcairn AMD Radeon R9 270 2048MB (Futomaki) [1002:6811]
(subsys [174B:E271]):: PciRoot(0x0)\Pci(0x1,0x0)\Pci(0x0,0x0)
2:938 0:000 RCBA disabled; cannot use it
2:938 0:000 HDA Controller [8086:A170] :: PciRoot(0x0)\Pci(0x1F,0x3) => setting
specified layout-id=1 (0x1)
2:938 0:000 LAN Controller [8086:15B8] :: PciRoot(0x0)\Pci(0x1F,0x6)
2:938 0:000 stringlength = 3996
2:939 0:000 CurrentMode: Width=1920 Height=1080
2:939 0:000 Beginning FSInjection
FSInjectionInstall ...
- Our FSI_SIMPLE_FILE_SYSTEM_PROTOCOL installed on handle: BA8A9D18
FSInjectionInstall ...
- Our FSI_SIMPLE_FILE_SYSTEM_PROTOCOL installed on handle: BA8A9D18
2:944 0:005 Preparing kexts injection for arch=x86_64 from EFI\CLOVER\kexts
\Other
2:945 0:000 Preparing kexts injection for arch=x86_64 from EFI\CLOVER\kexts
\10.11
2:946 0:001 Removed efi-boot-device-data variable: Not Found
2:946 0:000 Custom boot is disabled
2:947 0:000 Closing log