

0:100 0:100 MemLog inited, TSC freq: 3192442630
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 25.8.2016, 7:58:13 (GMT)
0:100 0:000 Starting Clover rev 3423 on American Megatrends EFI
0:100 0:000
SelfDevicePath=PciRoot(0x0)\Pci(0x14,0x0)\USB(0x10,0x0)\HD(1,GPT,ECE1FE26-C0AF-486A-906C-FBC017C4153C,0x28,0x64000) @BA552918
0:100 0:000 SelfDirPath = \EFI\BOOT
0:103 0:003 Total Memory Slots Count = 2
0:103 0:000 Type 17 Index = 0
0:103 0:000 SmbiosTable.Type17->Speed = 2133MHz
0:103 0:000 SmbiosTable.Type17->Size = 4096MB
0:103 0:000 SmbiosTable.Type17->Bank/Device = BANK 0 DIMM_A1
0:103 0:000 Type 17 Index = 1
0:103 0:000 SmbiosTable.Type17->Speed = 2133MHz
0:103 0:000 SmbiosTable.Type17->Size = 4096MB
0:103 0:000 SmbiosTable.Type17->Bank/Device = BANK 2 DIMM_B1
0:103 0:000 Boot status=0
0:103 0:000 Clover revision: 3423 running on System Product Name
0:103 0:000 ... with board B150I PRO GAMING_WIFI_AURA
0:103 0:000 CPU Vendor = 756E6547 Model=506E3
0:103 0:000 got cores from CPUID_1 = 0
0:103 0:000 The CPU supported turbo
0:103 0:000 BrandString = Intel(R) Core(TM) i5-6500 CPU @ 3.20GHz
0:103 0:000 TSC/CCC Information Leaf:
0:103 0:000 numerator : 266
0:103 0:000 denominator : 2
0:103 0:000 Calibrated ARTFrequency: 24003328
0:103 0:000 MSR 0xE2 before patch 1E000000
0:103 0:000 MSR 0xE4 00031814
0:103 0:000 MSR 0xCE 00080838_F1012000
0:103 0:000 non-usable FLEX_RATIO = 10000
0:103 0:000 corrected FLEX_RATIO = 0
0:103 0:000 FSBFrequency=100MHz DMIvalue=100000kHz
0:103 0:000 Corrected FSBFrequency=100MHz
0:103 0:000 Vendor/Model/Stepping: 0x756E6547/0x5E/0x3
0:103 0:000 Family/ExtFamily: 0x6/0x0
0:103 0:000 MaxDiv/MinDiv: 32.0/8
0:103 0:000 Turbo: 33/34/35/36
0:103 0:000 Features: 0xBFEBFBFF
0:103 0:000 Threads: 4
0:103 0:000 Cores: 4
0:103 0:000 FSB: 100 MHz
0:103 0:000 CPU: 3200 MHz
0:103 0:000 TSC: 3200 MHz
0:103 0:000 PIS: 400 MHz
0:103 0:000 PCI (00100:00.00) : 8086 191F class=060000
0:103 0:000 PCI (00100:01.00) : 8086 1901 class=060400

0:103 0:000 PCI (00101:00.00) : 1002 6811 class=030000
0:103 0:000 Found Radeon model=AMD Radeon R9 270
0:103 0:000 PCI (00101:00.01) : 1002 AAB0 class=040300
0:103 0:000 PCI (00100:14.00) : 8086 A12F class=0C0330
0:103 0:000 PCI (00100:17.00) : 8086 A102 class=010601
0:103 0:000 PCI (00100:1C.00) : 8086 A114 class=060400
0:103 0:000 PCI (00100:1C.06) : 8086 A116 class=060400
0:103 0:000 PCI (00103:00.00) : 168C 003E class=028000
0:103 0:000 PCI (00100:1D.00) : 8086 A118 class=060400
0:103 0:000 PCI (00100:1F.00) : 8086 A148 class=060100
0:103 0:000 PCI (00100:1F.02) : 8086 A121 class=058000
0:103 0:000 PCI (00100:1F.03) : 8086 A170 class=040300
0:103 0:000 PCI (00100:1F.04) : 8086 A123 class=0C0500
0:103 0:000 PCI (00100:1F.06) : 8086 15B8 class=020000
0:103 0:000 LAN 0, Vendor=8086, MMIO=F7F00000
0:103 0:000 Clover load options size = 0 bytes
0:115 0:012 Using OEM config.plist at path: EFI\CLOVER\config.plist
0:115 0:000 EFI\CLOVER\config.plist loaded: Success
0:116 0:000 Found theme directory: embedded
0:118 0:002 Found theme directory: random
0:120 0:002 Found theme directory: tonymacx86
0:128 0:007 Loading early settings
0:128 0:000 timeout set to 3
0:128 0:000 Custom boot CUSTOM_BOOT_DISABLED (0x0)
0:128 0:000 KextsToPatch: 2 requested
0:128 0:000 KextsToPatch 0: AppleAHCIPort (External icons patch) Kext bin patch, data len: 8
0:128 0:000 KextsToPatch 1: AppleUSBXHCIPCI (Raise 15 port limit to 30 in AppleUSBXHCIPCI) Kext bin patch, data len: 7
0:128 0:000 Default theme: tonymacx86
0:128 0:000 Hiding entries with string Windows
0:128 0:000 Hiding entries with string \EFI\BOOT\BOOTX64.EFI
0:128 0:000 LoadDrivers() start
0:130 0:002 Loading FSInject-64.efi status=Success
0:130 0:000 Loading OsxAptioFix2Drv-64.efi status=Success
0:130 0:000 Loading OsxFatBinaryDrv-64.efi status=Success
0:130 0:000 Loading VBoxHfs-64.efi status=Success
0:130 0:000 - driver needs connecting
0:130 0:000 1 drivers needs connecting ...
0:130 0:000 PlatformDriverOverrideProtocol->GetDriver overriden
0:130 0:000 Searching for invalid DiskIo BY_DRIVER connects: not found, all ok
0:262 0:131 LoadDrivers() end
0:262 0:000 Dump SMC keys from NVRAM:
0:269 0:007 SetScreenResolution: 1920x1080 - already set
0:269 0:000 Console modes reported: 4, available modes:
0:269 0:000 Mode 1: 80x25 (current mode)
0:269 0:000 Mode 2: 80x50
0:269 0:000 Mode 3: 100x31
0:269 0:000 Mode 4: 240x56
0:269 0:000 reinit: self device

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path=PciRoot(0x0)\Pci(0x14,0x0)\USB(0x10,0x0)\HD(1,GPT,ECE1FE26-
C0AF-486A-906C-FBC017C4153C,0x28,0x64000)
0:269 0:000 ScanSPD() start
0:270 0:000 SMBus CmdReg: 0x3
0:270 0:000 Scanning SMBus [8086:A123], mmio: 0xF7F4A004, ioport: 0xF000,
hostc: 0x11
0:270 0:000 Slots to scan [8]...
0:284 0:014 SPD[0]: Type 0 @0x50
0:304 0:020 SPD[2]: Type 0 @0x52
0:334 0:030 ScanSPD() end
0:334 0:000 Get Acpi Tables List from RSDT:
0:334 0:000 Found table: FACP A M I len=132
0:334 0:000 Found table: APIC A M I len=132
0:334 0:000 Found table: FPDT A M I len=68
0:334 0:000 Found table: FIDT A M I len=156
0:334 0:000 Found table: MCFG A M I len=60
0:334 0:000 Found table: HPET A M I len=56
0:334 0:000 Found table: SSDT SataTabl len=877
0:334 0:000 Found table: LPIT SKL len=148
0:334 0:000 Found table: SSDT sensrhub len=584
0:334 0:000 Found table: SSDT PtidDevc len=11182
0:334 0:000 Found table: SSDT Ther_Rvp len=3315
0:334 0:000 Found table: DBGp len=52
0:334 0:000 Found table: DBG2 len=84
0:334 0:000 Found table: SSDT xh_rvp08 len=1833
0:334 0:000 Found table: SSDT SaSsd len=21226
0:334 0:000 Found table: UEFI len=66
0:334 0:000 Found table: SSDT CpuSsd len=3672
0:334 0:000 Found table: BGRT A M I len=56
0:334 0:000 Calibrated TSC frequency =3192442630 =3192MHz
0:334 0:000 Loading main settings
0:334 0:000 Config set Fixes will override FixMask mask!
0:334 0:000 final mask=00000000
0:335 0:000 found 7 volumes with blockIO
0:335 0:000 0. Volume:
0:335 0:000 PciRoot(0x0)\Pci(0x14,0x0)\USB(0x10,0x0)
0:336 0:001 USB volume
0:336 0:000 1. Volume:
0:336 0:000 PciRoot(0x0)\Pci(0x14,0x0)\USB(0x10,0x0)\HD(1,GPT,ECE1FE26-
C0AF-486A-906C-FBC017C4153C,0x28,0x64000)
0:337 0:001 Result of bootcode detection: bootable unknown (legacy)
0:337 0:000 USB volume
0:337 0:000 This is SelfVolume !!
0:337 0:000 2. Volume:
0:337 0:000 PciRoot(0x0)\Pci(0x14,0x0)\USB(0x10,0x0)\HD(2,GPT,
69E7F03C-85D2-4953-85E4-BA7EFEE9C7FA,0x64028,0x1C697B0)
0:339 0:001 USB volume
0:339 0:000 3. Volume:
0:339 0:000 PciRoot(0x0)\Pci(0x17,0x0)\Sata(0x4,0xFFFF,0x0)
0:341 0:002 4. Volume:

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0:341 0:000 PciRoot(0x0)\Pci(0x17,0x0)\Sata(0x4,0xFFFF,
0x0)\HD(1,GPT,F14ADEC-F5B43-458C-B411-164F59C8F2F0,0x28,0x64000)
0:341 0:000 Result of bootcode detection: bootable unknown (legacy)
0:341 0:000 5. Volume:
0:341 0:000 PciRoot(0x0)\Pci(0x17,0x0)\Sata(0x4,0xFFFF,
0x0)\HD(2,GPT,EA639A2C-A41D-40FA-BEF3-EA07EA093AFB,
0x64028,0x1D02BA00)
0:342 0:000 6. Volume:
0:342 0:000 PciRoot(0x0)\Pci(0x17,0x0)\Sata(0x4,0xFFFF,0x0)\HD(3,GPT,
880F1CD0-09C7-4B12-AA4F-B108C8CF82C9,0x1D08FA28,0x135F20)
0:343 0:000 Using theme 'tonymacx86' (EFI\CLOVER\themes\tonymacx86)
0:343 0:000 Warning! Character width should be even!
0:343 0:000 Choosing theme tonymacx86
0:343 0:000 Custom legacy start
0:343 0:000 Custom legacy end
0:343 0:000 Scanning legacy ...
0:343 0:000 0: 'Whole Disc Boot' (legacy) not legacy
0:343 0:000 1: 'EFI' (legacy) not legacy
0:343 0:000 2: 'USB' (legacy) not legacy
0:343 0:000 3: 'Whole Disc Boot' (legacy) not legacy
0:343 0:000 4: 'EFI' (legacy) not legacy
0:343 0:000 5: 'OSX' (legacy) not legacy
0:343 0:000 6: 'Recovery HD' (legacy) not legacy
0:343 0:000 Custom entries start
0:343 0:000 Custom entries finish
0:343 0:000 Scanning loaders...
0:343 0:000 0: 'Whole Disc Boot' no file system
0:343 0:000 1: 'EFI'
0:378 0:035 2: 'USB'
0:393 0:014 AddLoaderEntry for Volume Name=USB
0:397 0:004 Check if volume Is Hibernated:
0:397 0:000 Check sleep image 'by signature':
0:407 0:010 read prefs \Library\Preferences\SystemConfiguration
\com.apple.PowerManagement.plist status=Not Found
0:407 0:000 using default sleep image name = \private\var\vm\sleepimage
0:421 0:013 sleepimage not found -> Not Found
0:421 0:000 hibernated: no - sign
0:435 0:014 3: 'Whole Disc Boot' no file system
0:435 0:000 4: 'EFI'
0:447 0:012 5: 'OSX'
0:454 0:007 AddLoaderEntry for Volume Name=OSX
0:456 0:001 Check if volume Is Hibernated:
0:456 0:000 Check sleep image 'by signature':
0:463 0:006 read prefs \Library\Preferences\SystemConfiguration
\com.apple.PowerManagement.plist status=Not Found
0:463 0:000 using default sleep image name = \private\var\vm\sleepimage
0:467 0:004 sleepimage not found -> Not Found
0:467 0:000 hibernated: no - sign
0:483 0:015 6: 'Recovery HD'
0:484 0:001 AddLoaderEntry for Volume Name=Recovery HD

0:501 0:016 Custom tool start
0:501 0:000 Custom tool end
0:501 0:000 found tool \EFI\CLOVER\tools\Shell64U.efi
0:501 0:000 Checking EFI partition Volume 1 for Clover
0:501 0:000 Found Clover
0:501 0:000 Checking EFI partition Volume 4 for Clover
0:502 0:001 Found Clover
0:504 0:001 GetEfiBootDeviceFromNvram: efi-boot-device-data not found
0:504 0:000 EfiBootVolume not found
0:504 0:000 Default boot entry not found
0:504 0:000 DefaultIndex=-1 and MainMenu.EntryCount=10
0:653 0:149 Found Mouse device:
0:654 0:000 GUI ready
5:926 5:272 Boot option Boot0000 not found
5:926 0:000 StartLoader() start
5:926 0:000 Entry->Settings: <null string>
5:926 0:000 Finally: Bus=99763kHz CPU=3192MHz
5:926 0:000 Kernel and Kext Patches at A4FC0AB8:
5:926 0:000 Allowed: y
5:926 0:000 Debug: n
5:926 0:000 KernelCpu: n
5:926 0:000 Lpic: n
5:926 0:000 Haswell-E: n
5:926 0:000 AICPUPM: y
5:926 0:000 AppleRTC: y
5:926 0:000 KernelPm: y
5:926 0:000 FakeCpuID: 0x0
5:926 0:000 ATIController: null
5:926 0:000 ATIDataLength: 0
5:926 0:000 0 Kexts to load
5:926 0:000 2 Kexts to patch
5:926 0:000 KextPatch[0]: 8 bytes, AppleAHCIPort
5:926 0:000 KextPatch[1]: 7 bytes, AppleUSBXHCIPCI
5:926 0:000 Loading boot.efi status=Success
6:070 0:143 GetOSVersion: : 10.11.6
6:070 0:000 insert table 9 for dev 0:0
6:070 0:000 insert table 9 for dev 0:1
6:070 0:000 insert table 9 for dev 1F:6
6:070 0:000 insert table 9 for dev 0:0
6:071 0:000 Trusting SMBIOS...
6:071 0:000 Detected alternating SMBIOS channel banks
6:071 0:000 Channels: 2
6:071 0:000 Interleave: 0 2 1 3 4 6 5 7 8 10 9 11 12 14 13 15 16 18 17 19 20 22 21
23
6:071 0:000 partNum=F4-3000C15-4GTZ
6:071 0:000 SMBIOS Type 17 Index = 0 => 0 0:
6:071 0:000 BANK0 DIMM0 2133MHz 4096MB
6:071 0:000 mTotalSystemMemory = 4096
6:071 0:000 partNum=F4-3000C15-4GTZ
6:071 0:000 SMBIOS Type 17 Index = 1 => 1 2:

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6:071 0:000 BANK1 DIMM0 2133MHz 4096MB
6:071 0:000 mTotalSystemMemory = 8192
6:071 0:000 NumberOfMemoryDevices = 2
6:071 0:000 Type20[0]->End = 0x3FFFFFF, Type17[0] = 0x1000
6:071 0:000 Type20[1]->End = 0x7FFFFFF, Type17[1] = 0x3000
6:071 0:000 RSDT 0xB4583028
6:071 0:000 FADT from RSDT: 0xB4583160
6:071 0:000 XSDT 0xB45830A0
6:071 0:000 FADT from XSDT: 0xB45A4B48
6:071 0:000 Xsdt reallocation done
6:071 0:000 old FADT length=10C
6:071 0:000 Apply DsdtFixMask=0x00000000 old way
6:071 0:000 drop _DSM mask=0x0000
6:071 0:000 ===== Auto patch DSDT Starting =====
6:071 0:000 VideoCard devID=0x68111002
6:071 0:000 DisplayADR1[0] = 0x10000, DisplayADR2[0] = 0x0
6:071 0:000 USBADR[0] = 0x140000 and PCIe = 0xFFFFE
6:071 0:000 Found Airport Atheros at 0x1C0006, 0x0, DeviceID=0x003E
6:071 0:000 Audio HDA (addr:0x1F0003) setting specified layout-id=1 (0x1)
6:071 0:000 first CPU found at 8F4A offset 8F4D
6:071 0:000 score candidate at 8F46
6:071 0:000 score inserted in acpi_cpu_score _PR_
6:071 0:000 Found ACPI CPU: CPU0 And CPU1 And CPU2 And CPU3 And CPU4
And CPU5 And CPU6 And CPU7
within the score: _PR_
6:072 0:000 Found PCIROOTUID = 0
6:072 0:000 ===== Auto patch DSDT Finished =====
6:072 0:000 Patch table: SSDT SataTabl
6:072 0:000 SSDT len = 0x36D
6:072 0:000 Patch table: SSDT sensrhub
6:072 0:000 SSDT len = 0x248
6:072 0:000 Patch table: SSDT PtidDevc
6:072 0:000 SSDT len = 0x2BAE
6:072 0:000 Patch table: SSDT Ther_Rvp
6:072 0:000 SSDT len = 0xCF3
6:072 0:000 Patch table: SSDT xh_rvp08
6:072 0:000 SSDT len = 0x729
6:072 0:000 Patch table: SSDT SaSsdt
6:072 0:000 SSDT len = 0x52EA
6:072 0:000 Patch table: SSDT CpuSsdt
6:072 0:000 SSDT len = 0xE58
6:072 0:000 Drop tables from Xsdt, SIGN=XXXX TableID= Length=0
6:072 0:000 Xsdt has tables count=18
6:072 0:000 corrected XSDT length=180
6:072 0:000 CPUBase=0 and ApicCPUBase=1 ApicCPUNum=1
6:072 0:000 EdidDiscovered size=128
6:072 0:000 00 | 00 FF FF FF FF FF FF 00 4C 2D B3 0A 00 00 00 00
6:072 0:000 16 | 34 16 01 03 80 30 1B 78 0A 26 21 A6 55 55 A0 28
6:072 0:000 32 | 0D 50 54 BD EF 80 71 4F 81 C0 81 00 81 80 95 00
6:072 0:000 48 | A9 C0 B3 00 01 01 02 3A 80 18 71 38 2D 40 58 2C

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6:072 0:000 64 | 45 00 DD 0C 11 00 00 1E 66 21 56 AA 51 00 1E 30
6:072 0:000 80 | 46 8F 33 00 DD 0C 11 00 00 1E 00 00 00 FD 00 18
6:072 0:000 96 | 4B 0F 51 17 00 0A 20 20 20 20 20 00 00 00 FC
6:072 0:000 112 | 00 54 32 32 43 33 30 30 0A 20 20 20 20 01 DC
6:072 0:000 Framebuffer @0xE0000000 MMIO @0xF7E00000
I/O Port @0x0000E000 ROM Addr @0xF7E40000
6:072 0:000 ATI card POSTed,
6:072 0:000 Set VRAM for Cedar=2048Mb
6:072 0:000 ATI: get_vram_size returned 0x80000000
6:072 0:000 ATI Radeon EVERGREEN family
6:072 0:000 Framebuffer set to device's default: Futomaki
6:072 0:000 N ports defaults to 5
6:072 0:000 (AtiPorts) Nr of ports set to: 5
6:072 0:000 ATI Pitcairn AMD Radeon R9 270 2048MB (Futomaki) [1002:6811]
(subsys [174B:E271]):: PciRoot(0x0)\Pci(0x1,0x0)\Pci(0x0,0x0)
6:072 0:000 RCBA disabled; cannot use it
6:072 0:000 HDA Controller [8086:A170] :: PciRoot(0x0)\Pci(0x1F,0x3) => setting
specified layout-id=1 (0x1)
6:072 0:000 LAN Controller [8086:15B8] :: PciRoot(0x0)\Pci(0x1F,0x6)
6:072 0:000 stringlength = 3996
6:072 0:000 CurrentMode: Width=1920 Height=1080
6:072 0:000 Beginning FSInjection
FSInjectionInstall ...
- Our FSI_SIMPLE_FILE_SYSTEM_PROTOCOL installed on handle: BA628918
FSInjectionInstall ...
- Our FSI_SIMPLE_FILE_SYSTEM_PROTOCOL installed on handle: BA628918
6:077 0:005 Preparing kexts injection for arch=x86_64 from EFI\CLOVER\kexts
\Other
6:077 0:000 Preparing kexts injection for arch=x86_64 from EFI\CLOVER\kexts
\10.11
6:080 0:002 Extra kext: EFI\CLOVER\kexts\10.11\AppleIntelE1000e.kext
6:088 0:008 Extra kext: EFI\CLOVER\kexts\10.11\AtherosE2200Ethernet.kext
6:090 0:001 Extra kext: EFI\CLOVER\kexts\10.11\FakeSMC.kext
6:093 0:002 Extra kext: EFI\CLOVER\kexts\10.11\RealtekRTL8111.kext
6:100 0:007 Extra kext: EFI\CLOVER\kexts\10.11\USBInjectAll.kext
6:105 0:005 Removed efi-boot-device-data variable: Not Found
6:105 0:000 Custom boot is disabled
6:106 0:000 Closing log