

---<<BOOT>>---

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FreeBSD 12.2-RELEASE-p4 GENERIC amd64

FreeBSD clang version 10.0.1 (git@github.com:llvm/llvm-project.git llvmorg-10.0.1-C

VT(efifb): resolution 800x600

CPU: Intel(R) Core(TM) i7-10700 CPU @ 2.90GHz (2904.13-MHz K8-class CPU)

Origin="GenuineIntel" Id=0xa0655 Family=0x6 Model=0xa5 Stepping=5

Features=0xbfebfbff<FPU,VME,DE,PSE,TSC,MSR,PAE,MCE,CX8,APIC,SEP,MTRR,PGE,MCA,CMOV

Features2=0x7ffafbff<SSE3,PCLMULQDQ,DTES64,MON,DS_CPL,VMX,SMX,EST,TM2,SSSE3,SDBG,

AMD Features=0x2c100800<SYSCALL,NX,Page1GB,RDTSCP,LM>

AMD Features2=0x121<LAHF,ABM,Prefetch>

Structured Extended Features=0x29c67af<FSGSBASE,TSCADJ,SGX,BMI1,AVX2,SMEP,BMI2,EF

Structured Extended Features2=0x40000008<PKU,SGXLC>

Structured Extended Features3=0xbc000400<MD_CLEAR,IBPB,STIBP,L1DFL,ARCH_CAP,SSBD>

XSAVE Features=0xf<XSAVEOPT,XSAVEC,XINUSE,XSAVES>

IA32_ARCH_CAPS=0x2b<RDCL_NO,IBRS_ALL,SKIP_L1DFL_VME>

VT-x: PAT,HLT,MTF,PAUSE,EPT,UG,VPID,VID,PostIntr

TSC: P-state invariant, performance statistics

real memory = 17179869184 (16384 MB)

avail memory = 16329220096 (15572 MB)

Event timer "LAPIC" quality 600

ACPI APIC Table: <DELL\134x CBX3 >

FreeBSD/SMP: Multiprocessor System Detected: 16 CPUs

FreeBSD/SMP: 1 package(s) x 8 core(s) x 2 hardware threads

random: unblocking device.

ioapic0 <Version 2.0> irqs 0-119 on motherboard

Launching APs: 1 15 7 13 14 6 3 11 9 10 2 8 5 12 4

Timecounter "TSC-low" frequency 1452063735 Hz quality 1000

random: entropy device external interface

kbd1 at kbdmux0

000.000023 [4336] netmap_init netmap: loaded module

[ath_hal] loaded

module_register_init: MOD_LOAD (vesa, 0xffffffff81114e40, 0) error 19

random: registering fast source Intel Secure Key RNG

random: fast provider: "Intel Secure Key RNG"

nexus0

efirtc0: <EFI Realtime Clock> on motherboard

efirtc0: registered as a time-of-day clock, resolution 1.000000s

cryptosoft0: <software crypto> on motherboard

acpi0: <DELL CBX3 > on motherboard

acpi0: Power Button (fixed)

cpu0: <ACPI CPU> on acpi0

hpet0: <High Precision Event Timer> iomem 0xfed00000-0xfed003ff on acpi0

Timecounter "HPET" frequency 24000000 Hz quality 950

Event timer "HPET" frequency 24000000 Hz quality 350

Event timer "HPET1" frequency 24000000 Hz quality 340

Event timer "HPET2" frequency 24000000 Hz quality 340

Event timer "HPET3" frequency 24000000 Hz quality 340

Event timer "HPET4" frequency 24000000 Hz quality 340

Event timer "HPET5" frequency 24000000 Hz quality 340

Event timer "HPET6" frequency 24000000 Hz quality 340

Event timer "HPET7" frequency 24000000 Hz quality 340

atrtc0: <AT realtime clock> port 0x70-0x77 irq 8 on acpi0

atrtc0: Warning: Couldn't map I/O.

atrtc0: registered as a time-of-day clock, resolution 1.000000s

Event timer "RTC" frequency 32768 Hz quality 0

attimer0: <AT timer> port 0x40-0x43,0x50-0x53 irq 0 on acpi0

Timecounter "i8254" frequency 1193182 Hz quality 0

Event timer "i8254" frequency 1193182 Hz quality 100

Timecounter "ACPI-fast" frequency 3579545 Hz quality 900

acpi_timer0: <24-bit timer at 3.579545MHz> port 0x1808-0x180b on acpi0

pcib0: <ACPI Host-PCI bridge> port 0xcf8-0xcff on acpi0

pci0: <ACPI PCI bus> on pcib0

pcib1: <ACPI PCI-PCI bridge> at device 1.0 on pci0

pci1: <ACPI PCI bus> on pci1
vgapci0: <VGA-compatible display> port 0x5000-0x507f mem 0xc4000000-0xc4ffffff,0xbC
hdac0: <NVIDIA (0x1aeb) HDA Controller> mem 0xc5080000-0xc5083fff at device 0.1 on
xhci0: <XHCI (generic) USB 3.0 controller> mem 0xc2000000-0xc203ffff,0xc2040000-0xc
xhci0: 64 bytes context size, 64-bit DMA
usb0 on xhci0
usb0: 5.0Gbps Super Speed USB v3.0
pci1: <serial bus> at device 0.3 (no driver attached)
vgapci1: <VGA-compatible display> port 0x6000-0x603f mem 0xc3000000-0xc3ffffff,0xaC
vgapci1: Boot video device
xhci1: <XHCI (generic) USB 3.0 controller> mem 0xc5480000-0xc548ffff at device 20.0
xhci1: 32 bytes context size, 64-bit DMA
usb1 on xhci1
usb1: 5.0Gbps Super Speed USB v3.0
pci0: <memory, RAM> at device 20.2 (no driver attached)
pci0: <network> at device 20.3 (no driver attached)
pci0: <serial bus> at device 21.0 (no driver attached)
pci0: <simple comms> at device 22.0 (no driver attached)
pci0: <mass storage, RAID> at device 23.0 (no driver attached)
pcib2: <ACPI PCI-PCI bridge> at device 28.0 on pci0
pci2: <ACPI PCI bus> on pcib2
pci2: <network, ethernet> at device 0.0 (no driver attached)
pcib3: <ACPI PCI-PCI bridge> at device 28.6 on pci0
pci3: <ACPI PCI bus> on pcib3
em0: <Intel(R) PRO/1000 Network Connection> port 0x3000-0x301f mem 0xc5240000-0xc52
em0: Using 1024 TX descriptors and 1024 RX descriptors
em0: Using an MSI interrupt
em0: Ethernet address: 00:1b:21:99:0e:54
em0: netmap queues/slots: TX 1/1024, RX 1/1024
isab0: <PCI-ISA bridge> at device 31.0 on pci0
isa0: <ISA bus> on isab0
hdac1: <Intel Comet Lake-H HDA Controller> mem 0xc54a0000-0xc54a3fff,0xc5100000-0xc
pci0: <serial bus> at device 31.5 (no driver attached)
acpi_button0: <Sleep Button> on acpi0
acpi_tz0: <Thermal Zone> on acpi0
acpi_tz0: _CRT value is absurd, ignored (-273.1C)
acpi_syscontainer0: <System Container> on acpi0
atkbd0: <Keyboard controller (i8042)> at port 0x60,0x64 on isa0
atkbd0: <AT Keyboard> irq 1 on atkbd0
kbd0 at atkbd0
atkbd0: [GIANT-LOCKED]
atkbd0: non-PNP ISA device will be removed from GENERIC in FreeBSD 12.
est0: <Enhanced SpeedStep Frequency Control> on cpu0
Timecounters tick every 1.000 msec
acpi_tz0: _CRT value is absurd, ignored (-273.1C)
hdacc0: <NVIDIA (0x0099) HDA CODEC> at cad 0 on hdac0
hdaa0: <NVIDIA (0x0099) Audio Function Group> at nid 1 on hdacc0
pcm0: <NVIDIA (0x0099) (HDMI/DP 8ch)> at nid 4 on hdaa0
pcm1: <NVIDIA (0x0099) (HDMI/DP 8ch)> at nid 5 on hdaa0
pcm2: <NVIDIA (0x0099) (HDMI/DP 8ch)> at nid 6 on hdaa0
hdac1: <Realtek ALC899 HDA CODEC> at cad 0 on hdac1
hdaa1: <Realtek ALC899 Audio Function Group> at nid 1 on hdacc1
pcm3: <Realtek ALC899 (Analog 5.1+HP)> at nid 20,22,21,27 on hdaa1
hdacc2: <Intel Kaby Lake HDA CODEC> at cad 2 on hdac1
hdaa2: <Intel Kaby Lake Audio Function Group> at nid 1 on hdacc2
pcm4: <Intel Kaby Lake (HDMI/DP 8ch)> at nid 3 on hdaa2
Trying to mount root from ufs:/dev/da0p2 [rw]...
Root mount waiting for: usb0 usb1 CAM
ugen0.1: <0x10de XHCI root HUB> at usb0
uhub0: <0x10de XHCI root HUB, class 9/0, rev 3.00/1.00, addr 1> on usb0
ugen1.1: <0x8086 XHCI root HUB> at usb1
uhub1: <0x8086 XHCI root HUB, class 9/0, rev 3.00/1.00, addr 1> on usb1
uhub0: 6 ports with 6 removable, self powered
uhub1: 24 ports with 24 removable, self powered
Root mount waiting for: usb1
ugen1.2: <vendor 0x413c Dell KB216 Wired Keyboard> at usb1
ukbd0 on uhub1

ukbd0: <vendor 0x413c Dell KB216 Wired Keyboard, class 0/0, rev 1.10/1.08, addr 1>
kbd2 at ukbd0
Root mount waiting for: usb1
ugen1.3: <PixArt Dell MS116 USB Optical Mouse> at usb1
ugen1.4: <Generic USB2.0-CRW> at usb1
Root mount waiting for: usb1
ugen1.5: <vendor 0x8087 product 0x0026> at usb1
Root mount waiting for: usb1
Root mount waiting for: usb1
ugen1.6: <Verbatim STORE N GO> at usb1
umass0 on uhub1
umass0: <Verbatim STORE N GO, class 0/0, rev 3.10/11.00, addr 5> on usb1
umass0: SCSI over Bulk-Only; quirks = 0x8100
umass0:0:0: Attached to scbus0
da0 at umass-sim0 bus 0 scbus0 target 0 lun 0
da0: <Verbatim STORE N GO 1100> Removable Direct Access SPC-4 SCSI device
da0: Serial Number 12028403000075
da0: 400.000MB/s transfers
da0: 60000MB (122880000 512 byte sectors)
da0: quirks=0x2<NO_6_BYTE>
mountroot: waiting for device /dev/da0p2...
lo0: link state changed to UP
em0: link state changed to UP
uhid0 on uhub1
uhid0: <vendor 0x413c Dell KB216 Wired Keyboard, class 0/0, rev 1.10/1.08, addr 1>
ums0 on uhub1
ums0: <PixArt Dell MS116 USB Optical Mouse, class 0/0, rev 2.00/1.00, addr 2> on us
ums0: 3 buttons and [XYZ] coordinates ID=0
Security policy loaded: MAC/ntpd (mac_ntpd)