

```

{
  "id" : "keithcollins-hp-probook-6450b",
  "class" : "system",
  "claimed" : true,
  "handle" : "DMI:000A",
  "description" : "Notebook",
  "product" : "HP ProBook 6450b (WZ299UT#ABA)",
  "vendor" : "Hewlett-Packard",
  "serial" : "CNU1172KX0",
  "width" : 64,
  "configuration" : {
    "boot" : "normal",
    "chassis" : "notebook",
    "family" : "103C_5336AN",
    "sku" : "WZ299UT#ABA",
    "uuid" : "2E06D947-E912-E011-90AA-5C84BF0CA043"
  },
  "capabilities" : {
    "smbios-2.6" : "SMBIOS version 2.6",
    "dmi-2.6" : "DMI version 2.6",
    "smp" : "Symmetric Multi-Processing",
    "vsyscall32" : "32-bit processes"
  },
  "children" : [
    {
      "id" : "core",
      "class" : "bus",
      "claimed" : true,
      "handle" : "DMI:000B",
      "description" : "Motherboard",
      "product" : "146D",
      "vendor" : "Hewlett-Packard",
      "physid" : "0",
      "version" : "KBC Version 73.13",
      "serial" : "CNU1172KX0",
      "children" : [
        {
          "id" : "firmware",
          "class" : "memory",
          "claimed" : true,
          "description" : "BIOS",
          "vendor" : "Hewlett-Packard",
          "physid" : "9",
          "version" : "68CDE Ver. F.06",
          "date" : "01/11/2011",
          "units" : "bytes",
          "size" : 65536,
          "capacity" : 2555904,
          "capabilities" : {
            "pci" : "PCI bus",
            "pcmcia" : "PCMCIA/PCCard",
            "upgrade" : "BIOS EEPROM can be upgraded",
            "shadowing" : "BIOS shadowing",
            "cdboot" : "Bootting from CD-ROM/DVD",
            "bootselect" : "Selectable boot path",
            "edd" : "Enhanced Disk Drive extensions",
            "int5printscreenscreen" : "Print Screen key",
            "int9keyboard" : "i8042 keyboard controller",
            "int14serial" : "INT14 serial line control",

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    "int17printer" : "INT17 printer control",
    "acpi" : "ACPI",
    "usb" : "USB legacy emulation",
    "smartbattery" : "Smart battery",
    "biosbootspecification" : "BIOS boot specification",
    "netboot" : "Function-key initiated network service boot"
  }
},
{
  "id" : "cpu",
  "class" : "processor",
  "claimed" : true,
  "handle" : "DMI:0000",
  "description" : "CPU",
  "product" : "Intel(R) Core(TM) i5 CPU          M 460  @ 2.53GHz",
  "vendor" : "Intel Corp.",
  "physid" : "0",
  "businfo" : "cpu@0",
  "version" : "Intel(R) Core(TM) i5 CPU          M 460  @ 2.53GHz",
  "slot" : "CPU 1",
  "units" : "Hz",
  "size" : 1422952000,
  "capacity" : 2534000000,
  "width" : 64,
  "clock" : 1330000000,
  "configuration" : {
    "cores" : "2",
    "enabledcores" : "2",
    "threads" : "4"
  },
  "capabilities" : {
    "x86-64" : "64bits extensions (x86-64)",
    "fpu" : "mathematical co-processor",
    "fpu_exception" : "FPU exceptions reporting",
    "wp" : true,
    "vme" : "virtual mode extensions",
    "de" : "debugging extensions",
    "pse" : "page size extensions",
    "tsc" : "time stamp counter",
    "msr" : "model-specific registers",
    "pae" : "4GB+ memory addressing (Physical Address Extension)",
    "mce" : "machine check exceptions",
    "cx8" : "compare and exchange 8-byte",
    "apic" : "on-chip advanced programmable interrupt controller (APIC)",
    "sep" : "fast system calls",
    "mtrr" : "memory type range registers",
    "pge" : "page global enable",
    "mca" : "machine check architecture",
    "cmov" : "conditional move instruction",
    "pat" : "page attribute table",
    "pse36" : "36-bit page size extensions",
    "clflush" : true,
    "dts" : "debug trace and EMON store MSRs",
    "acpi" : "thermal control (ACPI)",
    "mmx" : "multimedia extensions (MMX)",
    "fxsr" : "fast floating point save/restore",
    "sse" : "streaming SIMD extensions (SSE)",
    "sse2" : "streaming SIMD extensions (SSE2)",
    "ss" : "self-snoop",

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    "ht" : "HyperThreading",
    "tm" : "thermal interrupt and status",
    "pbe" : "pending break event",
    "syscall" : "fast system calls",
    "nx" : "no-execute bit (NX)",
    "rdtscp" : true,
    "constant_tsc" : true,
    "arch_perfmon" : true,
    "pebs" : true,
    "bts" : true,
    "rep_good" : true,
    "nopl" : true,
    "xtopology" : true,
    "nonstop_tsc" : true,
    "cpuid" : true,
    "aperfmpperf" : true,
    "pni" : true,
    "dtes64" : true,
    "monitor" : true,
    "ds_cpl" : true,
    "vmx" : true,
    "est" : true,
    "tm2" : true,
    "ssse3" : true,
    "cx16" : true,
    "xtpr" : true,
    "pdc" : true,
    "pcid" : true,
    "sse4_1" : true,
    "sse4_2" : true,
    "popcnt" : true,
    "lahf_lm" : true,
    "pti" : true,
    "ssbd" : true,
    "ibrs" : true,
    "ibpb" : true,
    "stibp" : true,
    "tpr_shadow" : true,
    "vnmi" : true,
    "flexpriority" : true,
    "ept" : true,
    "vpid" : true,
    "dtherm" : true,
    "ida" : true,
    "arat" : true,
    "flush_l1d" : true,
    "cpufreq" : "CPU Frequency scaling"
},
"children" : [
{
    "id" : "cache:0",
    "class" : "memory",
    "claimed" : true,
    "handle" : "DMI:0001",
    "description" : "L1 cache",
    "physid" : "1",
    "slot" : "Unknown",
    "units" : "bytes",
    "size" : 32768,

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        "capacity" : 32768,
        "configuration" : {
            "level" : "1"
        },
        "capabilities" : {
            "asynchronous" : "Asynchronous",
            "internal" : "Internal",
            "write-back" : "Write-back",
            "data" : "Data cache"
        }
    },
    {
        "id" : "cache:1",
        "class" : "memory",
        "claimed" : true,
        "handle" : "DMI:0002",
        "description" : "L2 cache",
        "physid" : "2",
        "slot" : "Unknown",
        "units" : "bytes",
        "size" : 262144,
        "capacity" : 262144,
        "configuration" : {
            "level" : "2"
        },
        "capabilities" : {
            "asynchronous" : "Asynchronous",
            "internal" : "Internal",
            "write-back" : "Write-back",
            "unified" : "Unified cache"
        }
    }
]
},
{
    "id" : "memory",
    "class" : "memory",
    "claimed" : true,
    "handle" : "DMI:0003",
    "description" : "System Memory",
    "physid" : "3",
    "slot" : "System board or motherboard",
    "units" : "bytes",
    "size" : 6442450944,
    "children" : [
        {
            "id" : "bank:0",
            "class" : "memory",
            "claimed" : true,
            "handle" : "DMI:0004",
            "description" : "SODIMM DDR3 Synchronous 1333 MHz (0.8 ns)",
            "product" : "M471B5773CHS-CH9",
            "vendor" : "Samsung",
            "physid" : "0",
            "serial" : "846CE7A3",
            "slot" : "Top",
            "units" : "bytes",
            "size" : 2147483648,
            "width" : 64,

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    "clock" : 1333000000
  },
  {
    "id" : "bank:1",
    "class" : "memory",
    "claimed" : true,
    "handle" : "DMI:0006",
    "description" : "SODIMM DDR3 Synchronous 1333 MHz (0.8 ns)",
    "product" : "64B8HB0NS-CG",
    "vendor" : "0000",
    "physid" : "1",
    "serial" : "2E66116E",
    "slot" : "Bottom",
    "units" : "bytes",
    "size" : 4294967296,
    "width" : 64,
    "clock" : 1333000000
  }
]
},
{
  "id" : "pci:0",
  "class" : "bridge",
  "claimed" : true,
  "handle" : "PCIBUS:0000:00",
  "description" : "Host bridge",
  "product" : "Core Processor DRAM Controller",
  "vendor" : "Intel Corporation",
  "physid" : "100",
  "businfo" : "pci@0000:00:00.0",
  "version" : "02",
  "width" : 32,
  "clock" : 330000000,
  "children" : [
    {
      "id" : "display",
      "class" : "display",
      "claimed" : true,
      "handle" : "PCI:0000:00:02.0",
      "description" : "VGA compatible controller",
      "product" : "Core Processor Integrated Graphics Controller",
      "vendor" : "Intel Corporation",
      "physid" : "2",
      "businfo" : "pci@0000:00:02.0",
      "version" : "02",
      "width" : 64,
      "clock" : 330000000,
      "configuration" : {
        "driver" : "i915",
        "latency" : "0"
      },
    },
    {
      "capabilities" : {
        "msi" : "Message Signalled Interrupts",
        "pm" : "Power Management",
        "vga_controller" : true,
        "bus_master" : "bus mastering",
        "cap_list" : "PCI capabilities listing",
        "rom" : "extension ROM"
      }
    }
  ]
}

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},
{
  "id" : "communication",
  "class" : "communication",
  "claimed" : true,
  "handle" : "PCI:0000:00:16.0",
  "description" : "Communication controller",
  "product" : "5 Series/3400 Series Chipset HECI Controller",
  "vendor" : "Intel Corporation",
  "physid" : "16",
  "businfo" : "pci@0000:00:16.0",
  "version" : "06",
  "width" : 64,
  "clock" : 33000000,
  "configuration" : {
    "driver" : "mei_me",
    "latency" : "0"
  },
  "capabilities" : {
    "pm" : "Power Management",
    "msi" : "Message Signalled Interrupts",
    "bus_master" : "bus mastering",
    "cap_list" : "PCI capabilities listing"
  }
},
{
  "id" : "network",
  "class" : "network",
  "claimed" : true,
  "handle" : "PCI:0000:00:19.0",
  "description" : "Ethernet interface",
  "product" : "82577LC Gigabit Network Connection",
  "vendor" : "Intel Corporation",
  "physid" : "19",
  "businfo" : "pci@0000:00:19.0",
  "logicalname" : "enp0s25",
  "version" : "05",
  "serial" : "64:31:50:94:c6:32",
  "units" : "bit/s",
  "capacity" : 1000000000,
  "width" : 32,
  "clock" : 33000000,
  "configuration" : {
    "autonegotiation" : "on",
    "broadcast" : "yes",
    "driver" : "e1000e",
    "driverversion" : "3.2.6-k",
    "firmware" : "0.12-6",
    "latency" : "0",
    "link" : "no",
    "multicast" : "yes",
    "port" : "twisted pair"
  },
  "capabilities" : {
    "pm" : "Power Management",
    "msi" : "Message Signalled Interrupts",
    "bus_master" : "bus mastering",
    "cap_list" : "PCI capabilities listing",
    "ethernet" : true,

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        "physical" : "Physical interface",
        "tp" : "twisted pair",
        "10bt" : "10Mbit/s",
        "10bt-fd" : "10Mbit/s (full duplex)",
        "100bt" : "100Mbit/s",
        "100bt-fd" : "100Mbit/s (full duplex)",
        "1000bt-fd" : "1Gbit/s (full duplex)",
        "autonegotiation" : "Auto-negotiation"
    }
},
{
    "id" : "usb:0",
    "class" : "bus",
    "claimed" : true,
    "handle" : "PCI:0000:00:1a.0",
    "description" : "USB controller",
    "product" : "5 Series/3400 Series Chipset USB2 Enhanced Host
Controller",
    "vendor" : "Intel Corporation",
    "physid" : "1a",
    "businfo" : "pci@0000:00:1a.0",
    "version" : "05",
    "width" : 32,
    "clock" : 33000000,
    "configuration" : {
        "driver" : "ehci-pci",
        "latency" : "0"
    },
    "capabilities" : {
        "pm" : "Power Management",
        "debug" : "Debug port",
        "ehci" : "Enhanced Host Controller Interface (USB2)",
        "bus_master" : "bus mastering",
        "cap_list" : "PCI capabilities listing"
    },
    "children" : [
        {
            "id" : "usbhost",
            "class" : "bus",
            "claimed" : true,
            "handle" : "USB:1:1",
            "product" : "EHCI Host Controller",
            "vendor" : "Linux 4.15.0-156-generic ehci_hcd",
            "physid" : "1",
            "businfo" : "usb@1",
            "logicalname" : "usb1",
            "version" : "4.15",
            "configuration" : {
                "driver" : "hub",
                "slots" : "2",
                "speed" : "480Mbit/s"
            },
            "capabilities" : {
                "usb-2.00" : "USB 2.0"
            },
            "children" : [
                {
                    "id" : "usb",
                    "class" : "bus",

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```

        "claimed" : true,
        "handle" : "USB:1:2",
        "description" : "USB hub",
        "product" : "Integrated Rate Matching Hub",
        "vendor" : "Intel Corp.",
        "physid" : "1",
        "businfo" : "usb@1:1",
        "version" : "0.00",
        "configuration" : {
            "driver" : "hub",
            "slots" : "6",
            "speed" : "480Mbit/s"
        },
        "capabilities" : {
            "usb-2.00" : "USB 2.0"
        }
    }
}
]
},
{
    "id" : "multimedia",
    "class" : "multimedia",
    "claimed" : true,
    "handle" : "PCI:0000:00:1b.0",
    "description" : "Audio device",
    "product" : "5 Series/3400 Series Chipset High Definition Audio",
    "vendor" : "Intel Corporation",
    "physid" : "1b",
    "businfo" : "pci@0000:00:1b.0",
    "version" : "05",
    "width" : 64,
    "clock" : 330000000,
    "configuration" : {
        "driver" : "snd_hda_intel",
        "latency" : "0"
    },
    "capabilities" : {
        "pm" : "Power Management",
        "msi" : "Message Signalled Interrupts",
        "pciexpress" : "PCI Express",
        "bus_master" : "bus mastering",
        "cap_list" : "PCI capabilities listing"
    }
},
{
    "id" : "pci:0",
    "class" : "bridge",
    "claimed" : true,
    "handle" : "PCIBUS:0000:01",
    "description" : "PCI bridge",
    "product" : "5 Series/3400 Series Chipset PCI Express Root Port 1",
    "vendor" : "Intel Corporation",
    "physid" : "1c",
    "businfo" : "pci@0000:00:1c.0",
    "version" : "05",
    "width" : 32,
    "clock" : 330000000,

```



```

    "configuration" : {
        "driver" : "pcieport"
    },
    "capabilities" : {
        "pci" : true,
        "pciexpress" : "PCI Express",
        "msi" : "Message Signalled Interrupts",
        "pm" : "Power Management",
        "normal_decode" : true,
        "bus_master" : "bus mastering",
        "cap_list" : "PCI capabilities listing"
    }
},
{
    "id" : "pci:1",
    "class" : "bridge",
    "claimed" : true,
    "handle" : "PCIBUS:0000:02",
    "description" : "PCI bridge",
    "product" : "5 Series/3400 Series Chipset PCI Express Root Port 2",
    "vendor" : "Intel Corporation",
    "physid" : "1c.1",
    "businfo" : "pci@0000:00:1c.1",
    "version" : "05",
    "width" : 32,
    "clock" : 330000000,
    "configuration" : {
        "driver" : "pcieport"
    },
    "capabilities" : {
        "pci" : true,
        "pciexpress" : "PCI Express",
        "msi" : "Message Signalled Interrupts",
        "pm" : "Power Management",
        "normal_decode" : true,
        "bus_master" : "bus mastering",
        "cap_list" : "PCI capabilities listing"
    }
},
{
    "id" : "pci:2",
    "class" : "bridge",
    "claimed" : true,
    "handle" : "PCIBUS:0000:43",
    "description" : "PCI bridge",
    "product" : "5 Series/3400 Series Chipset PCI Express Root Port 3",
    "vendor" : "Intel Corporation",
    "physid" : "1c.2",
    "businfo" : "pci@0000:00:1c.2",
    "version" : "05",
    "width" : 32,
    "clock" : 330000000,
    "configuration" : {
        "driver" : "pcieport"
    },
    "capabilities" : {
        "pci" : true,
        "pciexpress" : "PCI Express",
        "msi" : "Message Signalled Interrupts",

```

```

    "pm" : "Power Management",
    "normal_decode" : true,
    "bus_master" : "bus mastering",
    "cap_list" : "PCI capabilities listing"
  },
  "children" : [
    {
      "id" : "generic:0",
      "class" : "generic",
      "claimed" : true,
      "handle" : "PCI:0000:43:00.0",
      "description" : "SD Host controller",
      "product" : "MMC/SD Host Controller",
      "vendor" : "Ricoh Co Ltd",
      "physid" : "0",
      "businfo" : "pci@0000:43:00.0",
      "version" : "01",
      "width" : 32,
      "clock" : 33000000,
      "configuration" : {
        "driver" : "sdhci-pci",
        "latency" : "0"
      },
      "capabilities" : {
        "msi" : "Message Signalled Interrupts",
        "pm" : "Power Management",
        "pciexpress" : "PCI Express",
        "bus_master" : "bus mastering",
        "cap_list" : "PCI capabilities listing"
      }
    },
    {
      "id" : "generic:1",
      "class" : "generic",
      "handle" : "PCI:0000:43:00.1",
      "description" : "System peripheral",
      "product" : "R5U2xx (R5U230 / R5U231 / R5U241) [Memory Stick Host
Controller]",
      "vendor" : "Ricoh Co Ltd",
      "physid" : "0.1",
      "businfo" : "pci@0000:43:00.1",
      "version" : "01",
      "width" : 32,
      "clock" : 33000000,
      "configuration" : {
        "latency" : "0"
      },
      "capabilities" : {
        "msi" : "Message Signalled Interrupts",
        "pm" : "Power Management",
        "pciexpress" : "PCI Express",
        "bus_master" : "bus mastering",
        "cap_list" : "PCI capabilities listing"
      }
    },
    {
      "id" : "firewire",
      "class" : "bus",
      "claimed" : true,

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```

        "handle" : "PCI:0000:43:00.3",
        "description" : "FireWire (IEEE 1394)",
        "product" : "R5C832 PCIe IEEE 1394 Controller",
        "vendor" : "Ricoh Co Ltd",
        "physid" : "0.3",
        "businfo" : "pci@0000:43:00.3",
        "version" : "01",
        "width" : 32,
        "clock" : 33000000,
        "configuration" : {
            "driver" : "firewire_ohci",
            "latency" : "0"
        },
        "capabilities" : {
            "msi" : "Message Signalled Interrupts",
            "pm" : "Power Management",
            "pciexpress" : "PCI Express",
            "ohci" : "Open Host Controller Interface",
            "bus_master" : "bus mastering",
            "cap_list" : "PCI capabilities listing"
        }
    }
}
],
},
{
    "id" : "pci:3",
    "class" : "bridge",
    "claimed" : true,
    "handle" : "PCIBUS:0000:44",
    "description" : "PCI bridge",
    "product" : "5 Series/3400 Series Chipset PCI Express Root Port 4",
    "vendor" : "Intel Corporation",
    "physid" : "1c.3",
    "businfo" : "pci@0000:00:1c.3",
    "version" : "05",
    "width" : 32,
    "clock" : 33000000,
    "configuration" : {
        "driver" : "pcieport"
    },
    "capabilities" : {
        "pci" : true,
        "pciexpress" : "PCI Express",
        "msi" : "Message Signalled Interrupts",
        "pm" : "Power Management",
        "normal_decode" : true,
        "bus_master" : "bus mastering",
        "cap_list" : "PCI capabilities listing"
    },
    "children" : [
        {
            "id" : "network",
            "class" : "network",
            "claimed" : true,
            "handle" : "PCI:0000:44:00.0",
            "description" : "Wireless interface",
            "product" : "BCM43224 802.11a/b/g/n",
            "vendor" : "Broadcom Inc. and subsidiaries",
            "physid" : "0",

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```

        "businfo" : "pci@0000:44:00.0",
        "logicalname" : "wlp68s0b1",
        "version" : "01",
        "serial" : "ac:81:12:6d:a4:3b",
        "width" : 64,
        "clock" : 330000000,
        "configuration" : {
            "broadcast" : "yes",
            "driver" : "brcsmac",
            "driverversion" : "4.15.0-156-generic",
            "firmware" : "610.812",
            "ip" : "192.168.43.116",
            "latency" : "0",
            "link" : "yes",
            "multicast" : "yes",
            "wireless" : "IEEE 802.11"
        },
        "capabilities" : {
            "pm" : "Power Management",
            "msi" : "Message Signalled Interrupts",
            "pciexpress" : "PCI Express",
            "bus_master" : "bus mastering",
            "cap_list" : "PCI capabilities listing",
            "ethernet" : true,
            "physical" : "Physical interface",
            "wireless" : "Wireless-LAN"
        }
    }
}
],
{
    "id" : "usb:1",
    "class" : "bus",
    "claimed" : true,
    "handle" : "PCI:0000:00:1d.0",
    "description" : "USB controller",
    "product" : "5 Series/3400 Series Chipset USB2 Enhanced Host
Controller",
    "vendor" : "Intel Corporation",
    "physid" : "1d",
    "businfo" : "pci@0000:00:1d.0",
    "version" : "05",
    "width" : 32,
    "clock" : 330000000,
    "configuration" : {
        "driver" : "ehci-pci",
        "latency" : "0"
    },
    "capabilities" : {
        "pm" : "Power Management",
        "debug" : "Debug port",
        "ehci" : "Enhanced Host Controller Interface (USB2)",
        "bus_master" : "bus mastering",
        "cap_list" : "PCI capabilities listing"
    },
    "children" : [
        {
            "id" : "usbhost",
            "class" : "bus",

```

```

"claimed" : true,
"handle" : "USB:2:1",
"product" : "EHCI Host Controller",
"vendor" : "Linux 4.15.0-156-generic ehci_hcd",
"physid" : "1",
"businfo" : "usb@2",
"logicalname" : "usb2",
"version" : "4.15",
"configuration" : {
  "driver" : "hub",
  "slots" : "2",
  "speed" : "480Mbit/s"
},
"capabilities" : {
  "usb-2.00" : "USB 2.0"
},
"children" : [
  {
    "id" : "usb",
    "class" : "bus",
    "claimed" : true,
    "handle" : "USB:2:2",
    "description" : "USB hub",
    "product" : "Integrated Rate Matching Hub",
    "vendor" : "Intel Corp.",
    "physid" : "1",
    "businfo" : "usb@2:1",
    "version" : "0.00",
    "configuration" : {
      "driver" : "hub",
      "slots" : "8",
      "speed" : "480Mbit/s"
    },
    "capabilities" : {
      "usb-2.00" : "USB 2.0"
    },
    "children" : [
      {
        "id" : "usb",
        "class" : "input",
        "claimed" : true,
        "handle" : "USB:2:3",
        "description" : "Mouse",
        "product" : "Lenovo USB Optical Mouse",
        "vendor" : "PixArt",
        "physid" : "3",
        "businfo" : "usb@2:1.3",
        "version" : "1.00",
        "configuration" : {
          "driver" : "usbhid",
          "maxpower" : "100mA",
          "speed" : "2Mbit/s"
        },
        "capabilities" : {
          "usb-2.00" : "USB 2.0"
        }
      }
    ]
  }
]
}

```

```

    ]
  }
]
},
{
  "id" : "pci:4",
  "class" : "bridge",
  "claimed" : true,
  "handle" : "PCIBUS:0000:45",
  "description" : "PCI bridge",
  "product" : "82801 Mobile PCI Bridge",
  "vendor" : "Intel Corporation",
  "physid" : "1e",
  "businfo" : "pci@0000:00:1e.0",
  "version" : "a5",
  "width" : 32,
  "clock" : 33000000,
  "capabilities" : {
    "pci" : true,
    "subtractive_decode" : true,
    "bus_master" : "bus mastering",
    "cap_list" : "PCI capabilities listing"
  }
},
{
  "id" : "isa",
  "class" : "bridge",
  "claimed" : true,
  "handle" : "PCI:0000:00:1f.0",
  "description" : "ISA bridge",
  "product" : "HM57 Chipset LPC Interface Controller",
  "vendor" : "Intel Corporation",
  "physid" : "1f",
  "businfo" : "pci@0000:00:1f.0",
  "version" : "05",
  "width" : 32,
  "clock" : 33000000,
  "configuration" : {
    "driver" : "lpc_ich",
    "latency" : "0"
  },
  "capabilities" : {
    "isa" : true,
    "bus_master" : "bus mastering",
    "cap_list" : "PCI capabilities listing"
  }
},
{
  "id" : "storage",
  "class" : "storage",
  "claimed" : true,
  "handle" : "PCI:0000:00:1f.2",
  "description" : "SATA controller",
  "product" : "5 Series/3400 Series Chipset 6 port SATA AHCI
Controller",
  "vendor" : "Intel Corporation",
  "physid" : "1f.2",
  "businfo" : "pci@0000:00:1f.2",
  "version" : "05",

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        "width" : 32,
        "clock" : 66000000,
        "configuration" : {
            "driver" : "ahci",
            "latency" : "0"
        },
        "capabilities" : {
            "storage" : true,
            "msi" : "Message Signalled Interrupts",
            "pm" : "Power Management",
            "ahci_1.0" : true,
            "bus_master" : "bus mastering",
            "cap_list" : "PCI capabilities listing"
        }
    },
    {
        "id" : "generic",
        "class" : "generic",
        "handle" : "PCI:0000:00:1f.6",
        "description" : "Signal processing controller",
        "product" : "5 Series/3400 Series Chipset Thermal Subsystem",
        "vendor" : "Intel Corporation",
        "physid" : "1f.6",
        "businfo" : "pci@0000:00:1f.6",
        "version" : "05",
        "width" : 64,
        "clock" : 33000000,
        "configuration" : {
            "latency" : "0"
        },
        "capabilities" : {
            "pm" : "Power Management",
            "msi" : "Message Signalled Interrupts",
            "bus_master" : "bus mastering",
            "cap_list" : "PCI capabilities listing"
        }
    }
]
},
{
    "id" : "pci:1",
    "class" : "bridge",
    "claimed" : true,
    "handle" : "PCIBUS:0000:ff",
    "description" : "Host bridge",
    "product" : "Core Processor QuickPath Architecture Generic Non-core
Registers",
    "vendor" : "Intel Corporation",
    "physid" : "101",
    "businfo" : "pci@0000:ff:00.0",
    "version" : "02",
    "width" : 32,
    "clock" : 33000000
},
{
    "id" : "pci:2",
    "class" : "bridge",
    "claimed" : true,
    "handle" : "PCIBUS:0000:ff",

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```

        "description" : "Host bridge",
        "product" : "Core Processor QuickPath Architecture System Address
Decoder",
        "vendor" : "Intel Corporation",
        "physid" : "102",
        "businfo" : "pci@0000:ff:00.1",
        "version" : "02",
        "width" : 32,
        "clock" : 33000000
    },
    {
        "id" : "pci:3",
        "class" : "bridge",
        "claimed" : true,
        "handle" : "PCIBUS:0000:ff",
        "description" : "Host bridge",
        "product" : "Core Processor QPI Link 0",
        "vendor" : "Intel Corporation",
        "physid" : "103",
        "businfo" : "pci@0000:ff:02.0",
        "version" : "02",
        "width" : 32,
        "clock" : 33000000
    },
    {
        "id" : "pci:4",
        "class" : "bridge",
        "claimed" : true,
        "handle" : "PCIBUS:0000:ff",
        "description" : "Host bridge",
        "product" : "1st Generation Core i3/5/7 Processor QPI Physical 0",
        "vendor" : "Intel Corporation",
        "physid" : "104",
        "businfo" : "pci@0000:ff:02.1",
        "version" : "02",
        "width" : 32,
        "clock" : 33000000
    },
    {
        "id" : "pci:5",
        "class" : "bridge",
        "claimed" : true,
        "handle" : "PCIBUS:0000:ff",
        "description" : "Host bridge",
        "product" : "1st Generation Core i3/5/7 Processor Reserved",
        "vendor" : "Intel Corporation",
        "physid" : "105",
        "businfo" : "pci@0000:ff:02.2",
        "version" : "02",
        "width" : 32,
        "clock" : 33000000
    },
    {
        "id" : "pci:6",
        "class" : "bridge",
        "claimed" : true,
        "handle" : "PCIBUS:0000:ff",
        "description" : "Host bridge",
        "product" : "1st Generation Core i3/5/7 Processor Reserved",

```



```

    "vendor" : "Intel Corporation",
    "physid" : "106",
    "businfo" : "pci@0000:ff:02.3",
    "version" : "02",
    "width" : 32,
    "clock" : 33000000
  },
  {
    "id" : "scsi:0",
    "class" : "storage",
    "claimed" : true,
    "physid" : "1",
    "logicalname" : "scsi0",
    "capabilities" : {
      "emulated" : "Emulated device"
    },
    "children" : [
      {
        "id" : "disk",
        "class" : "disk",
        "claimed" : true,
        "handle" : "SCSI:00:00:00:00",
        "description" : "ATA Disk",
        "product" : "HITACHI HTS72501",
        "vendor" : "Hitachi",
        "physid" : "0.0.0",
        "businfo" : "scsi@0:0.0.0",
        "logicalname" : "/dev/sda",
        "dev" : "8:0",
        "version" : "C70F",
        "serial" : "110207PCKB04VNHUX46K",
        "units" : "bytes",
        "size" : 160041885696,
        "configuration" : {
          "ansiversion" : "5",
          "logicalsectorsize" : "512",
          "sectorsize" : "512",
          "signature" : "066fe193"
        },
        "capabilities" : {
          "partitioned" : "Partitioned disk",
          "partitioned:dos" : "MS-DOS partition table"
        },
        "children" : [
          {
            "id" : "volume:0",
            "class" : "volume",
            "claimed" : true,
            "description" : "Windows NTFS volume",
            "physid" : "1",
            "businfo" : "scsi@0:0.0.0,1",
            "logicalname" : "/dev/sda1",
            "dev" : "8:1",
            "version" : "3.1",
            "serial" : "d860-2a75",
            "size" : 574619136,
            "capacity" : 575668224,
            "configuration" : {
              "clustersize" : "4096",

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```

        "created" : "2019-08-27 19:20:19",
        "filesystem" : "ntfs",
        "label" : "System Reserved",
        "modified_by_chkdsk" : "true",
        "mounted_on_nt4" : "true",
        "resize_log_file" : "true",
        "state" : "dirty",
        "upgrade_on_mount" : "true"
    },
    "capabilities" : {
        "primary" : "Primary partition",
        "bootable" : "Bootable partition (active)",
        "ntfs" : "Windows NTFS",
        "initialized" : "initialized volume"
    }
},
{
    "id" : "volume:1",
    "class" : "volume",
    "claimed" : true,
    "description" : "Windows NTFS volume",
    "physid" : "2",
    "businfo" : "scsi@0:0.0.0,2",
    "logicalname" : "/dev/sda2",
    "dev" : "8:2",
    "version" : "3.1",
    "serial" : "840b1fdb-9912-bc4a-a479-96132cb91908",
    "size" : 73625763328,
    "capacity" : 73632055296,
    "configuration" : {
        "clustersize" : "4096",
        "created" : "2019-08-27 19:20:22",
        "filesystem" : "ntfs",
        "state" : "clean"
    },
    "capabilities" : {
        "primary" : "Primary partition",
        "ntfs" : "Windows NTFS",
        "initialized" : "initialized volume"
    }
},
{
    "id" : "volume:2",
    "class" : "volume",
    "claimed" : true,
    "description" : "Extended partition",
    "physid" : "3",
    "businfo" : "scsi@0:0.0.0,3",
    "logicalname" : "/dev/sda3",
    "dev" : "8:3",
    "size" : 85831189504,
    "capacity" : 85831189504,
    "capabilities" : {
        "primary" : "Primary partition",
        "extended" : "Extended partition",
        "partitioned" : "Partitioned disk",
        "partitioned:extended" : "Extended partition"
    },
    "children" : [

```

```

{
  "id" : "logicalvolume:0",
  "class" : "volume",
  "claimed" : true,
  "description" : "EXT4 volume",
  "vendor" : "Linux",
  "physid" : "5",
  "logicalname" : "/dev/sda5",
  "dev" : "8:5",
  "version" : "1.0",
  "serial" : "5691654b-2a95-48db-8ff6-1f5e1257236b",
  "size" : 20971999232,
  "capacity" : 20972000256,
  "configuration" : {
    "created" : "2021-09-04 21:36:21",
    "filesystem" : "ext4",
    "lastmountpoint" : "/media/keithcollins/5691654b-2a95-48db-
8ff6-1f5e1257236b",
    "modified" : "2022-01-15 14:00:18",
    "mounted" : "2022-01-15 13:57:13",
    "state" : "clean"
  },
  "capabilities" : {
    "journaled" : true,
    "extended_attributes" : "Extended Attributes",
    "large_files" : "4GB+ files",
    "huge_files" : "16TB+ files",
    "dir_nlink" : "directories with 65000+ subdirs",
    "64bit" : "64bit filesystem",
    "extents" : "extent-based allocation",
    "ext4" : true,
    "ext2" : "EXT2/EXT3",
    "initialized" : "initialized volume"
  }
},
{
  "id" : "logicalvolume:1",
  "class" : "volume",
  "claimed" : true,
  "description" : "EXT4 volume",
  "vendor" : "Linux",
  "physid" : "6",
  "logicalname" : ["/dev/sda6", "/"],
  "dev" : "8:6",
  "version" : "1.0",
  "serial" : "d5b8e82c-950f-4786-83bc-48b2ee979eec",
  "size" : 64858619904,
  "capacity" : 64858619904,
  "configuration" : {
    "created" : "2021-09-02 17:14:18",
    "filesystem" : "ext4",
    "lastmountpoint" : "/",
    "modified" : "2022-03-19 11:52:21",
    "mount.fstype" : "ext4",
    "mount.options" : "rw,relatime,errors=remount-
ro,data=ordered",
    "mounted" : "2022-03-19 11:52:26",
    "state" : "mounted"
  }
},

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        "capabilities" : {
            "journalled" : true,
            "extended_attributes" : "Extended Attributes",
            "large_files" : "4GB+ files",
            "huge_files" : "16TB+ files",
            "dir_nlink" : "directories with 65000+ subdirs",
            "recover" : "needs recovery",
            "64bit" : "64bit filesystem",
            "extents" : "extent-based allocation",
            "ext4" : true,
            "ext2" : "EXT2/EXT3",
            "initialized" : "initialized volume"
        }
    }
}
]
},
{
    "id" : "scsi:1",
    "class" : "storage",
    "claimed" : true,
    "physid" : "2",
    "logicalname" : "scsi1",
    "capabilities" : {
        "emulated" : "Emulated device"
    },
    "children" : [
        {
            "id" : "cdrom",
            "class" : "disk",
            "claimed" : true,
            "handle" : "SCSI:01:00:00:00",
            "description" : "DVD-RAM writer",
            "product" : "CDDVDW TS-L633R",
            "vendor" : "hp",
            "physid" : "0.0.0",
            "businfo" : "scsi@1:0.0.0",
            "logicalname" : ["/dev/cdrom", "/dev/cdrw", "/dev/dvd", "/dev/dvdrw",
"/dev/sr0", "/media/keithcollins/TERMINATOR_SE_SIDEA"],
            "dev" : "11:0",
            "version" : "0300",
            "configuration" : {
                "ansiversion" : "5",
                "mount.fstype" : "udf",
                "mount.options" :
"ro,nosuid,nodev,relatime,uid=1000,gid=1000,ioccharset=utf8",
                "state" : "mounted",
                "status" : "ready"
            },
            "capabilities" : {
                "removable" : "support is removable",
                "audio" : "Audio CD playback",
                "cd-r" : "CD-R burning",
                "cd-rw" : "CD-RW burning",
                "dvd" : "DVD playback",
                "dvd-r" : "DVD-R burning",

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        "dvd-ram" : "DVD-RAM burning"
    },
    "children" : [
        {
            "id" : "medium",
            "class" : "disk",
            "claimed" : true,
            "physid" : "0",
            "logicalname" : ["/dev/cdrom",
"/media/keithcollins/TERMINATOR_SE_SIDEA"],
            "dev" : "11:0",
            "configuration" : {
                "mount.fstype" : "udf",
                "mount.options" :
"ro,nosuid,nodev,relatime,uid=1000,gid=1000,iocharset=utf8",
                "state" : "mounted"
            }
        }
    ]
}
],
},
{
    "id" : "battery",
    "class" : "power",
    "claimed" : true,
    "handle" : "DMI:0013",
    "product" : "TD06062",
    "vendor" : "11-54",
    "physid" : "1",
    "slot" : "Primary",
    "units" : "mWh",
    "capacity" : 5600,
    "configuration" : {
        "voltage" : "11.1V"
    }
}
]
}

```