

## Issues

| #   | Project  | Tracker | Status | Priority | Subject  | Assignee       | Updated             |
|-----|----------|---------|--------|----------|--|----------------|---------------------|
| 207 | coreboot | Bug     | New    | Normal   | QEMU i440FX platform broken in master / PCI: dev is NULL!  |                | 05/20/2019 05:39 PM |
| 206 | coreboot | Feature | New    | Normal   | Automate FMAP generation   | Patrick Georgi | 05/08/2019 03:55 PM |
| 204 | coreboot | Bug     | New    | Normal   | ipxe build failure   |                | 04/12/2019 03:48 PM |
| 203 | coreboot | Feature | New    | Normal   | LVFS support   |                | 04/12/2019 03:16 PM |
| 202 | coreboot | Feature | New    | Normal   | Some kconfig_lint warnings don't get posted to Gerrit  |                | 04/08/2019 10:03 PM |
| 201 | coreboot | Feature | New    | Normal   | Implement free() in ramstage   |                | 02/14/2019 09:44 AM |
| 200 | coreboot | Feature | New    | Normal   | Copy Paste detector  |                | 02/14/2019 08:56 AM |
| 199 | coreboot | Feature | New    | Normal   | build-test "the Documentation"   |                | 02/14/2019 08:49 AM |
| 198 | coreboot | Feature | New    | Normal   | board_status replacement   |                | 02/14/2019 08:50 AM |
| 197 | coreboot | Feature | New    | Normal   | QEMU x86_64 support  |                | 02/14/2019 08:51 AM |
| 196 | coreboot | Bug     | New    | Normal   | KCMA-D8 Slow boot without "USE_OPTION_TABLE" config option   |                | 02/14/2019 09:46 AM |
| 195 | coreboot | Bug     | New    | Normal   | KCMA-D8 "ACPI_BIOS_ERROR" BSoD Windows 10 installer  |                | 01/26/2019 06:33 PM |
| 194 | coreboot | Feature | New    | Normal   | Upgrade the 12 years old LZMA libraries of coreboot and SeaBIOS for +120% / +180% decompression speed increase |                | 01/24/2019 09:18 AM |
| 193 | coreboot | Bug     | New    | Normal   | KCMA-D8 do_IRQ no handlers for vector  |                | 01/20/2019 08:44 PM |
| 192 | coreboot | Bug     | New    | Normal   | KCMA-D8 iommu INVALID_DEVICE_REQUEST events  |                | 01/20/2019 08:40 PM |
| 191 | coreboot | Bug     | New    | Normal   | intelmetool error mapping physical memory  |                | 01/18/2019 08:02 AM |
| 190 | coreboot | Bug     | New    | Normal   | KCMA-D8 RAM incompatibility that varies between Coreboot and Libreboot   |                | 01/13/2019 10:08 AM |
| 189 | coreboot | Feature | New    | Normal   | QEMU mips support  |                | 12/08/2018 10:59 AM |
| 188 | coreboot | Feature | New    | Normal   | QEMU aarch64 support   |                | 12/08/2018 10:58 AM |
| 187 | coreboot | Feature | New    | Normal   | QEMU power9 support  |                | 12/08/2018 10:57 AM |
| 186 | coreboot | Feature | New    | Normal   | Nvidia optimus support   |                | 02/14/2019 08:53 AM |
| 185 | coreboot | Feature | New    | Normal   | x86_64 support on real hardware  |                | 12/08/2018 10:52 AM |
| 184 | coreboot | Feature | New    | Normal   | Improve memtest86 fork   |                | 12/08/2018 10:48 AM |
| 183 | coreboot | Feature | New    | Normal   | Collection of ideas for GSoC and similar   |                | 12/08/2018 10:48 AM |
| 182 | coreboot | Bug     | New    | Normal   | W530 shuts down after reaching 101C with Turbo Boost and high loads  |                | 12/02/2018 10:30 PM |
| 181 | lava     | Bug     | New    | Normal   | create a lava job with linuxboot + write to hdd image  |                | 11/10/2018 09:56 PM |
| 180 | lava     | Bug     | New    | Normal   | create a gold version of (coreboot + linuxboot)  |                | 11/10/2018 09:52 PM |
| 179 | coreboot | Bug     | New    | Normal   | coreboot Makefile breaks when the path to the coreboot directory contains spaces                               |                | 11/10/2018 06:46 PM |
| 178 | coreboot | Bug     | New    | Normal   | Freezes in Linux on T520   |                | 12/23/2018 05:02 PM |
| 175 | coreboot | Bug     | New    | Normal   | Most USB3 external disk enclosures do not work with coreboot on X230   |                | 10/16/2018 01:30 PM |

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| 174 | coreboot | Bug     | New      | Normal   | libgfxinit on T420 results in black screen   |                 | 09/14/2018 09:44 AM |
| 172 | coreboot | Bug     | New      | Normal   | Thinkpad X230 consumes about ~40% more battery energy idling with coreboot                                       |                 | 08/25/2018 09:54 AM |
| 171 | coreboot | Bug     | New      | Normal   | Thinkpad X220: usb_always_on broken by 9554b26f9fd608  |                 | 01/28/2019 09:27 PM |
| 168 | coreboot | Bug     | New      | Normal   | make -j5 is incompatible with SeaBIOS payload  |                 | 06/19/2018 06:56 PM |
| 166 | coreboot | Bug     | New      | Normal   | UEFI MP Services   |                 | 06/01/2018 04:05 PM |
| 165 | coreboot | Bug     | New      | Normal   | [ga-g41m-es2l] [coreboot 4.7] [grub] GRUB payload (launched from seabios) halts when trying to load linux kernel |                 | 05/05/2018 03:56 PM |
| 163 | coreboot | Bug     | New      | Normal   | GA-B75M-D3H: Unstable with external video card   |                 | 06/07/2018 05:32 PM |
| 162 | coreboot | Bug     | New      | Normal   | nvrncui and coreinfo show "No coreboot tables were found." if the toolchain is made with "make crossgcc-x64".    |                 | 08/15/2018 06:14 PM |
| 161 | coreboot | Bug     | New      | Normal   | crossgcc doesn't build for nds32le   | Patrick Georgi  | 04/06/2018 01:29 PM |
| 160 | coreboot | Bug     | New      | Normal   | mainboard intel kunimitsu with FSP 2.0   |                 | 03/14/2018 02:32 PM |
| 159 | coreboot | Bug     | New      | Normal   | ThinkPad X230: Internal panel not works under Windows10  |                 | 06/13/2018 07:59 PM |
| 158 | coreboot | Bug     | New      | Normal   | Skylake: SGX feature conflicts with VMX  |                 | 02/09/2018 08:50 PM |
| 156 | coreboot | Feature | New      | Normal   | [thinkpad] Implement battery recalibration in ACPI   |                 | 02/09/2018 10:51 AM |
| 155 | coreboot | Bug     | New      | Normal   | libpayload: UHCI controller poll is broken   | Patrick Rudolph | 02/07/2018 07:19 AM |
| 154 | coreboot | Bug     | New      | Normal   | mainboard: via: epia-m700: NULL pointer dereference (if SeaBIOS is payload)                                      |                 | 01/19/2018 12:03 PM |
| 152 | coreboot | Bug     | New      | Normal   | Thinkpad x220: express card not recognized unless present at the boot time                                       |                 | 02/08/2018 06:07 PM |
| 151 | coreboot | Bug     | New      | Normal   | KCMA-D8 (and presumably other amdfam10/amdmct-based boards) fails to boot  |                 | 12/31/2017 05:52 AM |
| 149 | coreboot | Bug     | New      | Normal   | tianocore fails with: Error: The specified tag is invalid  |                 | 11/09/2017 06:24 PM |
| 148 | coreboot | Bug     | New      | Normal   | KGPE-D16 AMD-vi fails because combined sata is enabled   |                 | 01/31/2018 04:45 PM |
| 147 | coreboot | Bug     | Feedback | Normal   | Backlight level setting is not restored when the display wakes up from sleep on ThinkPad X230                    |                 | 08/25/2018 10:32 AM |
| 146 | coreboot | Bug     | New      | Normal   | build/util/kconfig/zconf.tab.o: file not recognized: File truncated  |                 | 10/23/2017 08:06 PM |
| 145 | coreboot | Bug     | New      | Normal   | Cross-building *futility* on ppc64le fails   | Stefan Reinauer | 10/23/2017 01:53 PM |
| 142 | coreboot | Feature | New      | Normal   | Detect different GCC versions  |                 | 10/09/2017 03:07 PM |
| 141 | coreboot | Bug     | New      | Normal   | GRUB payload hangs in HP Elitebooks  | Iru Cai         | 09/19/2017 01:33 AM |
| 139 | coreboot | Bug     | New      | Normal   | cbfstool's -b argument is size checked before compression  |                 | 09/10/2017 01:54 AM |
| 138 | coreboot | Bug     | New      | Normal   | [ACPI] Name already exists in scope (TEVT) (IASL 20170728)   |                 | 09/04/2017 05:30 PM |
| 136 | coreboot | Bug     | New      | Normal   | kernel panic when poweroff after s3 resume in Arch Linux Live CD   |                 | 08/20/2017 07:04 AM |
| 135 | coreboot | Bug     | New      | Normal   | Clang build fails with `undefined reference to `__umoddi3`   | Stefan Reinauer | 08/22/2017 12:06 AM |
| 133 | coreboot | Bug     | New      | Normal   | Only coreinfo title bar seen when loaded from GRUB   |                 | 07/26/2017 11:15 AM |
| 130 | coreboot | Bug     | New      | Normal   | kernel: pci 0000:00:1e.0: bridge has subordinate 06 but max busn 09  |                 | 07/18/2017 10:18 AM |

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| 129 | coreboot | Bug     | New         | Normal   | KGPE-D16 fails to boot   | Timothy Pearson   | 08/16/2017 11:50 AM |
| 125 | coreboot | Bug     | New         | Normal   | Checkpatch does not respect https://www.coreboot.org/Git#Commit_messages                 |                   | 06/25/2017 10:25 AM |
| 124 | coreboot | Bug     | New         | Normal   | MRC cache problems on X220 with Atmel AT25DF641 chip                                     |                   | 06/16/2017 01:35 PM |
| 122 | coreboot | Feature | New         | Normal   | Add intel sunrise management controller to ME device list for intelmetool                |                   | 06/11/2017 10:33 AM |
| 121 | coreboot | Bug     | New         | Normal   | T520: Hangs in OS  |                   | 03/02/2019 11:51 AM |
| 120 | coreboot | Bug     | New         | Normal   | kconfig_lint: False positives about duplicate choice symbols                             | Martin Roth       | 08/21/2017 11:30 PM |
| 119 | coreboot | Bug     | New         | Normal   | Garbled video output in SeaBIOS with native gfx init on Lenovo T520 with Ivy Bridge chip |                   | 06/09/2017 05:35 AM |
| 118 | coreboot | Bug     | New         | Normal   | Kconfig defines symbols with unmet dependencies  | Martin Roth       | 08/22/2017 03:11 PM |
| 117 | coreboot | Bug     | New         | Normal   | cbmem ringbuffer is broken   |                   | 05/17/2017 08:37 PM |
| 115 | coreboot | Feature | New         | Normal   | Consolidate Intel ICH7..PCH9 PIRQ configuration  |                   | 05/31/2018 09:49 AM |
| 113 | coreboot | Bug     | New         | Normal   | soc/intel/skylake sets P*RC registers three times  |                   | 05/10/2017 09:35 PM |
| 112 | coreboot | Bug     | New         | Normal   | x201 doesn't work on master (57d912bacc)   |                   | 05/08/2017 04:56 PM |
| 109 | coreboot | Feature | New         | Normal   | ACPI version 5.0 compatibility   |                   | 04/26/2017 04:49 AM |
| 108 | coreboot | Feature | In Progress | Normal   | thinkpad x1 carbon gen 1 remaining tasks   | Alexander Couzens | 08/26/2018 01:00 PM |
| 105 | coreboot | Bug     | New         | Normal   | Add timeouts to nehalem raminit  |                   | 07/18/2017 01:17 PM |
| 104 | coreboot | Bug     | New         | Normal   | Introduce architecture specific TPM acpi path (LPCB/LIBR)                                |                   | 03/29/2017 12:56 PM |
| 103 | coreboot | Bug     | New         | Normal   | [Lenovo X60] Playing sound with dock attached is garbled until stopped and restarted     |                   | 03/22/2017 01:09 PM |
| 101 | coreboot | Bug     | New         | Normal   | Asus M2V fails to boot to payload  |                   | 04/14/2017 06:08 AM |
| 100 | coreboot | Bug     | New         | Normal   | romstage only transferred with baud rate 1200 independent from configuration             |                   | 12/09/2017 11:24 AM |
| 99  | coreboot | Bug     | New         | Normal   | Thinkpad T420: Bluetooth indicator light is always on                                    |                   | 05/21/2017 06:05 AM |
| 98  | coreboot | Bug     | New         | Normal   | [AMD Family 10h/15h] CPU model printed with just spaces                                  |                   | 03/02/2017 03:37 PM |
| 97  | coreboot | Bug     | New         | Normal   | On QEMU coreboot with SeaBIOS with nvramcui does not work                                | Patrick Georgi    | 08/21/2017 11:42 PM |
| 95  | coreboot | Bug     | New         | Normal   | Just 10 Cores visible with KFSN4-DRE with 2 HexCores                                     |                   | 08/21/2017 11:49 PM |
| 94  | coreboot | Bug     | New         | Normal   | cbmem time stamps incorrectly displayed on Asus KGPE-D16                                 |                   | 01/31/2017 06:18 PM |
| 93  | coreboot | Bug     | New         | Normal   | Romstage messages missing on Asus KGPE-D16   |                   | 01/31/2017 06:15 PM |
| 92  | coreboot | Bug     | New         | Normal   | Asus KGPE-D16 does not reboot out of some payload  |                   | 01/31/2017 06:09 PM |
| 90  | coreboot | Bug     | In Progress | Normal   | GRUB fails to build under Debian testing   |                   | 03/10/2017 06:04 PM |
| 88  | coreboot | Bug     | New         | Normal   | Some issues with coreboot on T420 (touchpad and phone jack)                              |                   | 01/18/2017 12:10 PM |
| 86  | coreboot | Bug     | New         | Normal   | IRQ errors precede slow down of tape I/O, via SCSI and PCI/PCIe bridge                   | Timothy Pearson   | 06/06/2017 06:31 PM |
| 85  | coreboot | Bug     | New         | Normal   | Suspend does not work on the X220t   |                   | 11/21/2017 08:07 PM |

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| 84 | coreboot | Bug     | New             | Normal   | kgpe-d16: coreboot and seabios boot with C1 and G1 slots empty, but grub hangs                         | Timothy Pearson   | 05/13/2017 09:46 PM |
| 83 | coreboot | Bug     | New             | Normal   | KGPE-D16 - Only one (or zero) out of two PCIe 10 Gigabit ethernet devices functional                   | Timothy Pearson   | 06/06/2017 06:30 PM |
| 81 | coreboot | Bug     | New             | Normal   | Unable to build coreboot with any payload other than SeaBIOS   | Philipp Stanner   | 11/18/2016 04:16 PM |
| 80 | coreboot | Bug     | New             | Normal   | Screen garbled in Seabios, does not boot, Kernel panic (X60)   |                   | 04/14/2017 01:04 PM |
| 76 | coreboot | Feature | New             | Normal   | Let abuild work from config files instead of deriving everything by itself                             | Martin Roth       | 09/27/2016 05:48 PM |
| 75 | coreboot | Bug     | New             | Normal   | Lenovo X200 Ultrabase often isn't detected unless woken with it attached                               |                   | 09/25/2016 10:22 AM |
| 74 | coreboot | Feature | New             | Normal   | Lenovo X200 Mute button mutes with the EC, not in software   |                   | 08/17/2017 02:26 PM |
| 73 | coreboot | Bug     | New             | Normal   | Lenovo X200 BT light is permanently off when UWB (3rd mPCIe slot) is enabled                           |                   | 06/08/2017 10:03 AM |
| 72 | coreboot | Bug     | New             | Normal   | Provide better a error message when trying to use missing blobs in a non-git tree                      |                   | 09/29/2016 07:46 PM |
| 69 | coreboot | Bug     | New             | Normal   | Mute button doesn't issue a scancode with coreboot   |                   | 04/24/2017 03:33 PM |
| 66 | coreboot | Bug     | New             | Normal   | rmodule_copy_payload() does not initialize unused memory   | Aaron Durbin      | 05/16/2017 10:03 PM |
| 65 | coreboot | Feature | New             | Normal   | Linux version of nvramcui  |                   | 08/11/2016 05:20 PM |
| 61 | coreboot | Bug     | Response Needed | Normal   | Bluetooth light on X200  |                   | 06/08/2017 10:30 AM |
| 57 | coreboot | Feature | Feedback        | Normal   | Create build rule for ASUS E35M1-I Deluxe  |                   | 06/19/2016 06:51 AM |
| 56 | coreboot | Feature | New             | Normal   | 16GB DIMM support on Sandy/Ivy Bridge  |                   | 08/11/2017 07:13 AM |
| 55 | coreboot | Bug     | New             | Normal   | copy lzint decompress from phnxsplit into python phonix_extract  |                   | 05/18/2016 10:59 PM |
| 49 | coreboot | Bug     | New             | Normal   | board_status.sh does not check git identity  |                   | 04/30/2016 08:19 PM |
| 48 | coreboot | Bug     | New             | Normal   | Linux fails to boot with embedded GRUB payload but works with embedded SeaBIOS payload                 |                   | 12/19/2016 11:48 PM |
| 47 | coreboot | Bug     | Response Needed | Normal   | Wsxga+ screens display Grub incorrectly  |                   | 05/13/2017 08:41 PM |
| 46 | coreboot | Bug     | New             | Normal   | F2A85-M reports false temperatures   |                   | 04/25/2016 07:10 PM |
| 45 | coreboot | Bug     | Response Needed | Normal   | F2A85-M fails to detect 24-32GB of RAM properly  | Kyösti Mälkki     | 06/22/2016 09:11 PM |
| 39 | coreboot | Feature | New             | Normal   | Enable OS-level flashing of coreboot for ThinkPad T410/X201  |                   | 08/10/2017 08:49 AM |
| 38 | coreboot | Feature | New             | Normal   | tp_smapi support on ThinkPads  | Alexander Couzens | 01/02/2018 11:07 PM |
| 37 | coreboot | Bug     | Response Needed | Normal   | x220/native graphics: after some time the display shows only a one color blur image.                   |                   | 05/13/2017 08:18 PM |
| 36 | coreboot | Bug     | New             | Normal   | x201: stuck ec event   |                   | 03/10/2016 09:32 PM |
| 33 | coreboot | Bug     | New             | Normal   | cbmem utility fails on newer linux kernels "Failed to mmap /dev/mem: Resource temporarily unavailable" |                   | 03/08/2016 10:54 PM |
| 30 | coreboot | Bug     | New             | Normal   | board-status allows invalid uploads  |                   | 02/04/2016 09:52 PM |

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| 29 | coreboot | Feature | New           | Normal   | board-status should reject uploads with incorrect DMI string  |                   | 02/03/2016 09:24 PM |
| 28 | coreboot | Feature | New           | Normal   | board-status should reject duplicate uploads  |                   | 03/24/2016 07:18 AM |
| 27 | coreboot | Bug     | New           | Normal   | Windows doesn't like references in ACPI to objects that are only defined later  |                   | 02/05/2016 03:49 AM |
| 22 | coreboot | Bug     | Needs Testing | Normal   | X230 native raminit failed  | Patrick Rudolph   | 06/19/2018 07:26 PM |
| 21 | coreboot | Bug     | New           | Normal   | If a PCI device requests more memory space than is available, coreboot gives it to the device anyway, causing a board hang. |                   | 12/30/2015 06:34 PM |
| 20 | coreboot | Feature | In Progress   | Normal   | Add make target to check if toolchain is up to date   | Martin Roth       | 01/07/2016 06:26 PM |
| 19 | coreboot | Bug     | New           | Normal   | Violations of Coding guidelines: All objects should have fully qualified types (unsigned int instead of unsigned)           |                   | 04/06/2016 10:36 PM |
| 15 | coreboot | Bug     | In Progress   | Normal   | board-status uploads incorrect reports if config not found  | Patrick Georgi    | 12/18/2015 06:37 PM |
| 14 | coreboot | Feature | New           | Normal   | printout lenovo ec power cause register   | Alexander Couzens | 11/28/2015 07:52 PM |
| 12 | coreboot | Bug     | New           | Normal   | Use of CONFIG_MAINBOARD_POWER_ON_AFTER_POWER_FAIL is a mess   |                   | 12/04/2015 03:47 PM |
| 7  | coreboot | Feature | In Progress   | Normal   | gnawty support based on acer cb3-111  | Alexander Couzens | 11/24/2015 08:55 PM |
| 4  | coreboot | Feature | New           | Normal   | Documentation for coreboot's public interface   |                   | 11/18/2015 06:14 PM |