



# **Dragonboard 410c 16.03 CE Debian RPB Test Report**

|           |   |
|-----------|---|
| Date      | 2016-03-02  |
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## Configuration

| Item                   | Explanation   |
|------------------------|---|
| Kernel                 | Linux version 4.4.0-104-arm64                             |
| Debian version         | Debian GNU/Linux 8.3 (jessie) <a href="#">build 16.03</a> |
| Toolchain version      | gcc version 4.9.2 (Debian/Linaro 4.9.2-10)                |
| Board Firmware Package | Rescue <a href="#">16.02</a>                              |

## Glossary

|       |
|-------|
| Pass  |
| Fails |

# Manual Test Results

| Test Run                       | Result | Comments                |
|--------------------------------|--------|-------------------------|
| Boot                           | PASS   |                         |
| Bluetooth- Scanning            | FAIL   | <a href="#">Bug 207</a> |
| Bluetooth- Pairing             | FAIL   | <a href="#">Bug 207</a> |
| Bluetooth- Audio Streaming     | FAIL   | <a href="#">Bug 207</a> |
| Bluetooth- File transfer       | FAIL   | <a href="#">Bug 207</a> |
| Benchmark - Glxgears           | PASS   | 235 FPS                 |
| Benchmark - Tuxracer           | PASS   | 13.6 FPS                |
| Serial Console Output          | PASS   |                         |
| HDMI- Display Blanking         | FAIL   | <a href="#">Bug 284</a> |
| HDMI- Hotplug                  | PASS   |                         |
| HDMI- Display                  | PASS   |                         |
| HDMI- Audio                    | PASS   |                         |
| HDMI- Coldboot                 | PASS   |                         |
| HDMI- Monitor Resolution - cmd | PASS   |                         |
| HDMI- Monitor Resolution - UI  | PASS   |                         |
| Re-boot UI                     | PASS   |                         |
| Re-boot Command line           | PASS   |                         |
| SD-HC                          | PASS   |                         |
| SD read speed (ext2)           | PASS   | 19.8 MB/s               |
| SD write speed (ext2)          | PASS   | 9.1 MB/s                |
| SD read speed (FAT32)          | PASS   | 19.4 MB/s               |
| SD write speed (FAT32)         | PASS   | 8.6 MB/s                |

|                           |      |                         |
|---------------------------|------|-------------------------|
| USB                       | FAIL | <a href="#">Bug_289</a> |
| USB- HID                  | PASS |                         |
| USB- Mass storage device  | PASS |                         |
| USB- Ethernet             | PASS |                         |
| USB-Camera                | PASS |                         |
| Shutdown - UI             | FAIL | <a href="#">Bug_121</a> |
| Shutdown - Command line   | FAIL | <a href="#">Bug_121</a> |
| WiFi- Scanning            | PASS |                         |
| WiFi - Small file sharing | PASS |                         |
| WiFi - Large file sharing | PASS |                         |
| LED                       | PASS |                         |
| Power on button           | FAIL | <a href="#">Bug_160</a> |
| Real Time clock           | PASS |                         |
| Stress-ng                 | PASS |                         |

## Open Bugs

| Bug Description  | Bug-id                  | Status |
|--|-------------------------|--------|
| [RPB] Bluetooth does not work on Dragon board debian                 | <a href="#">Bug_207</a> | CONF   |
| [RPB] Behaviors of power on button not following hardware user guide | <a href="#">Bug_160</a> | CONF   |
| [RPB] Can not soft power off or shutdown db410c                      | <a href="#">Bug_121</a> | CONF   |
| [RPB] Dragon board Display sleep not working                         | <a href="#">Bug_284</a> | CONF   |
| [RPB] USB devices don't work after reboot                            | <a href="#">Bug_289</a> | CONF   |