

ODROID-U3 Partition Table

Android Partition Table

- Odroid-U3 has Min 8Gbyte eMMC or [MicroSD](#) memory card for system area.
- FAT partition to calculate the remaining blocks to create the partition.

| Area Name | Size | From(sector #) | To(Sector #) | Name for Fastboot | Partition Name |
|------------------------------|-------------|----------------|------------------|-------------------|----------------|
| MBR | 512 | 0 | 0 | | |
| BL1 | 15KB | 1 | 30 | fwbl1 | |
| BL2 | 16KB | 31 | 62 | bl2 | |
| U-boot | 328KB | 63 | 718 | bootloader | |
| TrustZone SW | 256KB | 719 | 1230 | tzsw | |
| U-boot Environment | 16KB | 1231 | 1262 | | |
| Kernel | 8MB | 1263 | 17646 | kernel | |
| Reserved | 58MB | 17647 | 137159 | | |
| EXT4 for Android system | 1GB | 137160 | 2240179 | | mmcblk0p2 |
| EXT4 for Android userdata | 2GB | 2240280 | 6446519 | | mmcblk0p3 |
| EXT4 for Android cache | 256MB | 6446520 | 6979919 | | mmcblk0p4 |
| FAT32 for Storage | Up to 120GB | 6979920 | remaining blocks | | mmcblk0p1 |

* **Sector number - 1** in SD map is used in the eMMC map.

Ubuntu Partition Table

| Area Name | Size | From(sector #) | To(Sector #) | Name for Fastboot | Partition Name |
|------------------------------|------------|----------------|------------------|-------------------|----------------|
| Partition table / MBR | 512 | 0 | 0 | | |
| fwbl1 | 15KB | 1 | 30 | fwbl1 | |
| bl2 | 16KB | 31 | 62 | bl2 | |
| u-boot | 328KB | 63 | 718 | bootloader | |
| TrustZone SW | 256KB | 719 | 1230 | tzsw | |
| u-boot environment | 16KB | 1231 | 1262 | | |
| FAT16 for boot | 129M | 3072 | 266239 | | mmcblk0p1 |
| EXT4 for root file system | Up to 64GB | 266240 | remaining blocks | | mmcblk0p2 |

From:
<http://wiki.odroid.com/> - **ODROID Wiki**

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