

Factory Images for Nexus and Pixel Devices

This page contains binary image files that allow you to restore your Nexus or Pixel device's original factory firmware. You will find these files useful if you have used the [Android Open-Source Project](https://source.android.com/) (<https://source.android.com/>), flashed custom builds on your device, and wish to return that device to its factory state.

These files are for use only on your personal Nexus or Pixel devices and may not be disassembled, decompiled, reverse engineered, modified or redistributed by you or used in any way except as specifically set forth in the license terms that came with your device.

Terms and conditions

Warning: Installing this factory image will erase all data from the device. While it may be possible to restore certain data backed up to your Google Account, apps and their associated data will be uninstalled. Before proceeding, please ensure that data you would like to retain is [backed up to your Google Account](https://support.google.com/nexus/answer/2819582#backup) (<https://support.google.com/nexus/answer/2819582#backup>).

Downloading of the system image and use of the device software is subject to the [Google Terms of Service](https://www.google.com/intl/en/policies/terms/) (<https://www.google.com/intl/en/policies/terms/>). By continuing, you agree to the [Google Terms of Service](https://www.google.com/intl/en/policies/terms/) (<https://www.google.com/intl/en/policies/terms/>) and [Privacy Policy](https://www.google.com/intl/en/policies/privacy/) (<https://www.google.com/intl/en/policies/privacy/>). Your downloading of the system image and use of the device software may also be subject to certain third-party terms of service, which can be found in **Settings > About phone > Legal information**, or as otherwise provided.

Flashing instructions

The factory image downloaded from this page includes scripts that flashes the device, typically named `flash-all.sh` (On Windows systems, use `flash-all.bat` instead).

To flash a device using one of the system images below (or one of your own), you need the latest `fastboot` tool. You can get it from one of the sources below.

- From a compiled version of the [Android Open Source Project](https://source.android.com/) (<https://source.android.com/>).
- From the `platform-tools/` directory in the [Android SDK](https://developer.android.com/sdk) (<https://developer.android.com/sdk>). Be

sure that you have the latest version of the **Android SDK Platform-tools** from the [SDK Manager](http://developer.android.com/tools/help/sdk-manager.html) (<http://developer.android.com/tools/help/sdk-manager.html>).

Once you have the `fastboot` tool, add it to your `PATH` environment variable (the `flash-all` script below must be able to find it). Also be certain that you've set up USB access for your device, as described in the [Using Hardware Devices](http://developer.android.com/tools/device.html) (<http://developer.android.com/tools/device.html>) guide.

Caution: Flashing a new system image deletes all user data. Be certain to first backup any personal data such as photos.

To flash a system image:

1. Download the appropriate system image for your device below, then unzip it to a safe directory.
2. Connect your device to your computer over USB.
3. Start the device in fastboot mode with one of the following methods:
 - Using the [adb tool](http://developer.android.com/tools/help/adb.html) (<http://developer.android.com/tools/help/adb.html>): With the device powered on, execute:

```
adb reboot bootloader
```
 - Using a key combo: Turn the device off, then turn it on and immediately hold down the relevant [key combination](https://source.android.com/source/building-devices.html#booting-into-fastboot-mode) (<https://source.android.com/source/building-devices.html#booting-into-fastboot-mode>) for your device. For example, to put a Nexus 5 ("hammerhead") into fastboot mode, press and hold Volume Up + Volume Down + Power as the device begins booting up.
4. If necessary, unlock the device's bootloader by running:

```
fastboot flashing unlock
```

or, for older devices, run:

```
fastboot oem unlock
```

The target device will show you a confirmation screen. (This erases all data on the target device.)

5. Open a terminal and navigate to the unzipped system image directory.
6. Execute the `flash-all` script. This script installs the necessary bootloader, baseband firmware(s), and operating system.

Once the script finishes, your device reboots. You should now lock the bootloader for security:

1. Start the device in fastboot mode again, as described above.

2. Execute:

```
fastboot flashing lock
```

or, for older devices, run:

```
fastboot oem lock
```

Locking bootloader will wipe the data on some devices. After locking the bootloader, if you want to flash the device again, you must run `fastboot oem unlock` again, which will wipe the data.

"marlin" for Pixel XL

Version	Download	SHA-256 Checksum
7.1.0	Link (NDE63H, (https://dl.google.com/dl/android/aosp/marlin-nde63h-factory-96adcecf.zip) Oct 2016)	96adcecf136d0389569e28a3396eba92880d77df3ceb8
7.1.0	Link (NDE63L, (https://dl.google.com/dl/android/aosp/marlin-nde63l-factory-71a65e7e.zip) Oct 2016)	71a65e7ef49f88a8f376831378984c019e8f078dbd394
7.1.0	Link (NDE63P, (https://dl.google.com/dl/android/aosp/marlin-nde63p-factory-dcdaaa51.zip) Oct 2016)	dcdaaa51d4b4c0a67c4b670f76fe53b852b38d7b2ce65
7.1.0	Link (Europe, (https://dl.google.com/dl/android/aosp/marlin-NDE63U, nde63u-factory-24e8abeb.zip) Nov 2016)	24e8abeb4e1f09bff31577b46661110bf7d5745abb926
7.1.0	Link (NDE63V, (https://dl.google.com/dl/android/aosp/marlin-nde63v-factory-a66866ba.zip) Nov 2016)	a66866ba4b8f9f1baa856828d46a747d769098add860
7.1.0	Link (Verizon, (https://dl.google.com/dl/android/aosp/marlin-NDE63X, nde63x-factory-8b520419.zip) ..	8b520419e32141f68d9f12d7e302bfb77885ed5587908

Nov
2016)

"sailfish" for Pixel

Version	Download	SHA-256 Checksum
7.1.0	Link (NDE63H, (https://dl.google.com/dl/android/aosp/sailfish-nde63h-factory-43ba5f81.zip) Oct 2016)	43ba5f8130a58770edce6cb0c6c43920798e038cd7cd
7.1.0	Link (NDE63L, (https://dl.google.com/dl/android/aosp/sailfish-nde63l-factory-49876a7c.zip) Oct 2016)	49876a7c9e8f14da672dad27a0e404cccb1330a4c9e
7.1.0	Link (NDE63P, (https://dl.google.com/dl/android/aosp/sailfish-nde63p-factory-aaaa2f1a.zip) Oct 2016)	aaaa2f1a592ba43de10396938220c4ed65ff3341edd0
7.1.0	Link (Europe, (https://dl.google.com/dl/android/aosp/sailfish-NDE63U, nde63u-factory-3fa36709.zip) Nov 2016)	3fa367096c251cd5ab1a6c465cb60fc075b08b999148
7.1.0	Link (NDE63V, (https://dl.google.com/dl/android/aosp/sailfish-nde63v-factory-1b3155ff.zip) Nov 2016)	1b3155ff623e8a872a788c54e650a0077175f54d723a
7.1.0	Link (Verizon, (https://dl.google.com/dl/android/aosp/sailfish-NDE63X, nde63x-factory-dc45f6c8.zip) Nov 2016)	dc45f6c83547266bf9e49edeae0978c3d734278febec2

"ryu" for Pixel C

Version	Download	SHA-256 Checksum
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6.0.1 (MXB48J)	Link (https://dl.google.com/dl/android/aosp/ryu-mxb48j-factory-ce6d5a7b.zip)	ce6d5a7bdfd61f2fe93b0e77d9b67f19a4e78825221c45c
6.0.1 (MXB48K)	Link (https://dl.google.com/dl/android/aosp/ryu-mxb48k-factory-e13a6b01.zip)	e13a6b012eb407fbdddfef2a5b482a1c12b28db6ee4250b
6.0.1 (MXB48T)	Link (https://dl.google.com/dl/android/aosp/ryu-mxb48t-factory-5bf811b5.zip)	5bf811b544432444d47949d18620644bfc857b017913a
6.0.1 (MXC14G)	Link (https://dl.google.com/dl/android/aosp/ryu-mxc14g-factory-49149866.zip)	491498662e87df1398bed2ac11f253c97acd16f275f35d6
6.0.1 (M5C14J)	Link (https://dl.google.com/dl/android/aosp/ryu-m5c14j-factory-ee1c5509.zip)	ee1c55092fa4f2ba3eef69576b556f23af6b752d38c05d48
6.0.1 (MXC89F)	Link (https://dl.google.com/dl/android/aosp/ryu-mxc89f-factory-de76375c.zip)	de76375c3dc79338e97f67fa3092e502d9fc960cd296ed8
6.0.1 (MXC89H)	Link (https://dl.google.com/dl/android/aosp/ryu-mxc89h-factory-11161f52.zip)	11161f523b4305d5ca81e7a7fe3da7bc7ec718598801fe4
6.0.1 (MXC89K)	Link (https://dl.google.com/dl/android/aosp/ryu-mxc89k-factory-9a5ae97e.zip)	9a5ae97e093abda91131dd9337b40d49f866da58b60f34c
6.0.1 (MXC89L)	Link (https://dl.google.com/dl/android/aosp/ryu-mxc89l-factory-1f9a5fcb.zip)	1f9a5fcbf9d91e79720bcaebd2873116090065b05f8ece1f
7.0.0 (NRD90M)	Link (https://dl.google.com/dl/android/aosp/ryu-nrd90m-factory-29233f1a.zip)	29233f1ac43e9309d6c8ee6273682a7ca172f129a062d61
7.0.0 (NRD90R)	Link (https://dl.google.com/dl/android/aosp/ryu-nrd90r-factory-843758b3.zip)	843758b3c5bc6ef0e73102b13c1a7e33a0b2645c39c496c
7.0.0 (NRD91D, Oct 2016)	Link (https://dl.google.com/dl/android/aosp/ryu-nrd91d-factory-13a00ca0.zip)	13a00ca040924b6101e9a6b4f9ba7327ad72364f7d4e6b2
7.0.0 (NRD91M)	Link (https://dl.google.com/dl/android/aosp/ryu-nrd91m-factory-5abda8a4f6fb35f1aa3d2fc5b347e6bf0b84f2747572ac4d)	5abda8a4f6fb35f1aa3d2fc5b347e6bf0b84f2747572ac4d

(MDD91N) (<https://dl.google.com/dl/android/aosp/tya-nov-2016/nrd91n-factory-5abda8a4.zip>)

"angler" for Nexus 6P

Version	Download	SHA-256 Checksum
6.0.0 (MDA89D)	Link (https://dl.google.com/dl/android/aosp/angler-md89d-factory-9f001626.zip)	9f001626d37785a4845e2d61c53caaff839a31713062
6.0.0 (MDB08K)	Link (https://dl.google.com/dl/android/aosp/angler-mdb08k-factory-46550886.zip)	4655088655f64e4f778adebe9e0ac8099447af643cf9
6.0.0 (MDB08L)	Link (https://dl.google.com/dl/android/aosp/angler-mdb08l-factory-bb060be5.zip)	bb060be5690856a09325862c94c3568775034bc0c78
6.0.0 (MDB08M)	Link (https://dl.google.com/dl/android/aosp/angler-mdb08m-factory-5690aabf.zip)	5690aabf9b18d19ffff5949907eb123f15aff6cbfa31f6
6.0.0 (MMB29N)	Link (https://dl.google.com/dl/android/aosp/angler-mmb29n-factory-63f8243f.zip)	63f8243f3bc4fed4638ce9bc943d989da34e73775de6
6.0.1 (MMB29M)	Link (https://dl.google.com/dl/android/aosp/angler-mmb29m-factory-616cf265.zip)	616cf265c50f3960883f4c0e22b5e795defd8853cfdc8
6.0.1 (MMB29P)	Link (https://dl.google.com/dl/android/aosp/angler-mmb29p-factory-ba26af97.zip)	ba26af977515fc9279f78aec766b6e1da33d3ecb8101
6.0.1 (MMB29Q)	Link (https://dl.google.com/dl/android/aosp/angler-mmb29q-factory-24a6e02f.zip)	24a6e02f2c3134a32e0d164d0163834595787faab481
6.0.1 (MMB29V)	Link (https://dl.google.com/dl/android/aosp/angler-mmb29v-factory-17366b60.zip)	17366b60a63f8d3a9844f7562ea04d1a4409a9ce908
6.0.1 (MHC19I)	Link (https://dl.google.com/dl/android/aosp/angler-mhc19i-factory-545ef106.zip)	545ef1061782108ad699b96a1f05a59c73eed6662d8

6.0.1 (MHC19Q)	Link (https://dl.google.com/dl/android/aosp/angler-mhc19q-factory-e49fbdfd.zip)	e49fbdfd9982787166b5b159861f9d41ba817b87c1ec
6.0.1 (MTC19T)	Link (https://dl.google.com/dl/android/aosp/angler-mtc19t-factory-095027d5.zip)	095027d58b891101167b85a0032998e720da588ceb
6.0.1 (MTC19V)	Link (https://dl.google.com/dl/android/aosp/angler-mtc19v-factory-b322694c.zip)	b322694cd8b4f2dfba77889dd9cc645b59e535c4c94
6.0.1 (MTC19X)	Link (https://dl.google.com/dl/android/aosp/angler-mtc19x-factory-ee8f6cd9.zip)	ee8f6cd94ce599d6b938ad055c7a1c333b9ef525acba
6.0.1 (MTC20F)	Link (https://dl.google.com/dl/android/aosp/angler-mtc20f-factory-4355fe06.zip)	4355fe06c7f4fe5a319838991bdef3381cf566253030f
6.0.1 (MTC20L)	Link (https://dl.google.com/dl/android/aosp/angler-mtc20l-factory-b7864fdb.zip)	b7864fdb261080ba1ab7126f7f2dee9e80fab0883756
7.0.0 (NRD90T)	Link (https://dl.google.com/dl/android/aosp/angler-nrd90t-factory-75edc1f7.zip)	75edc1f7a52c81907a294530bcd1248cc821b627e22
7.0.0 (NRD90U)	Link (https://dl.google.com/dl/android/aosp/angler-nrd90u-factory-7c9b6a2b.zip)	7c9b6a2b91be9cfad51e40cd43a9c82be9829a4af6d5
7.0.0 (NBD90X, Oct 2016)	Link (https://dl.google.com/dl/android/aosp/angler-nbd90x-factory-4e17ed23.zip)	4e17ed23bd461960996a32453d2d378ee3ac036b964
7.0.0 (NBD91K, Nov 2016)	Link (https://dl.google.com/dl/android/aosp/angler-nbd91k-factory-6f206c95.zip)	6f206c95da22ae17a26e5da22a14a09e676ded955ec

"bullhead" for Nexus 5X

Version	Download	SHA-256 Checksum
6.0.0 (MDA89E)	Link (https://dl.google.com/dl/android/aosp/bullhead-md89e-factory-d716b566.zip)	d716b566f82f8716287592febeee294792dfd32edbe

	mddb08i-factory-329f6582.zip	
6.0.0 (MDB08I)	Link (https://dl.google.com/dl/android/aosp/bullhead-mdb08i-factory-329f6582.zip)	329f65828483310ffcd4615ec15583f41f63a4442c1
6.0.0 (MDB08L)	Link (https://dl.google.com/dl/android/aosp/bullhead-mdb08l-factory-69995ae9.zip)	69995ae939970e1fe9e954ad8ecaf046aab046ac13
6.0.0 (MDB08M)	Link (https://dl.google.com/dl/android/aosp/bullhead-mdb08m-factory-9f8fb666.zip)	9f8fb666e998999fb8317c21fea9a34082c32ff2632c
6.0.1 (MMB29K)	Link (https://dl.google.com/dl/android/aosp/bullhead-mmb29k-factory-c3b91ce3.zip)	c3b91ce36655f47a63d26b6c6b94278e278049785c
6.0.1 (MMB29P)	Link (https://dl.google.com/dl/android/aosp/bullhead-mmb29p-factory-806ea72b.zip)	806ea72b44b60dd62e4ac621244fc9d9e6d8f69302
6.0.1 (MMB29Q)	Link (https://dl.google.com/dl/android/aosp/bullhead-mmb29q-factory-f8228950.zip)	f8228950de3ac128452e0a91e98c42e940771bbe4
6.0.1 (MMB29V)	Link (https://dl.google.com/dl/android/aosp/bullhead-mmb29v-factory-09b6d3d2.zip)	09b6d3d2770f75f82451a8ea03d5121e41dc070b1f
6.0.1 (MHC19J)	Link (https://dl.google.com/dl/android/aosp/bullhead-mhc19j-factory-8083681d.zip)	8083681de1a1e0686788d7ebef4215a01aaa994e2
6.0.1 (MHC19Q)	Link (https://dl.google.com/dl/android/aosp/bullhead-mhc19q-factory-2e43836c.zip)	2e43836c99d6c78ce45b62a4591a151094ff4eb88a
6.0.1 (MTC19T)	Link (https://dl.google.com/dl/android/aosp/bullhead-mtc19t-factory-dea1dfba.zip)	dea1dfba857970acf3cb0aef10b826d2d40ed5467f4
6.0.1 (MTC19V)	Link (https://dl.google.com/dl/android/aosp/bullhead-mtc19v-factory-61de3a6f.zip)	61de3a6fa4ef9284972adae7deec58a3e92528d6a
6.0.1 (MTC19Z)	Link (https://dl.google.com/dl/android/aosp/bullhead-mtc19z-factory-953a60d3.zip)	953a60d30ac717cdd5228492afffe108199ca4244e!
6.0.1	Link	fa4661677b9c973a4d0a4ee50fed241af618904cd3!

(MTC20F)	https://dl.google.com/dl/android/aosp/bullhead-mtc20f-factory-fa466167.zip	
6.0.1	Link	4a950470af6c1e0111cfa8efbd77422928b88d0180
(MTC20K)	https://dl.google.com/dl/android/aosp/bullhead-mtc20k-factory-4a950470.zip	
7.0.0	Link	61495c8b4e22e8ddb1522278905db3e571bb707d9
(NRD90M)	https://dl.google.com/dl/android/aosp/bullhead-nrd90m-factory-61495c8b.zip	
7.0.0	Link	dc60b38f8f248aff594e4fce28d59727b0f2448817b
(NRD90R)	https://dl.google.com/dl/android/aosp/bullhead-nrd90r-factory-dc60b38f.zip	
7.0.0	Link	d6bf1f56311f03903908a7fa20f75e5f9c2d21d5cbe
(NRD90S)	https://dl.google.com/dl/android/aosp/bullhead-nrd90s-factory-d6bf1f56.zip	
7.0.0	Link	d2f11c5f22d71eff939996291cb7430be2b9c29e807
(NBD90W, Oct 2016)	https://dl.google.com/dl/android/aosp/bullhead-nbd90w-factory-d2f11c5f.zip	
7.0.0	Link	7a2e3942c5963e51ce31ad5cedcb0a634d3c258c85
(NRD91N, Nov 2016)	https://dl.google.com/dl/android/aosp/bullhead-nrd91n-factory-7a2e3942.zip	

"shamu" for Nexus 6

Version	Download	SHA-256 Checksum
5.0	Link	ef423ec5ab0f3f2370681206236b9e1817a7512375c
(LRX21O)	https://dl.google.com/dl/android/aosp/shamu-lrx21o-factory-ef423ec5.zip	
5.0.1	Link	2b930c37ced6aee159f7c2bfa1609f61976057339b2
(LRX22C)	https://dl.google.com/dl/android/aosp/shamu-lrx22c-factory-2b930c37.zip	
5.1.0	Link	228e9d64b34063d430700316b13a494277b12e519d
(LMY47D)	https://dl.google.com/dl/android/aosp/shamu-lmy47d-factory-228e9d64.zip	
5.1.0	Link	9aeac3ca510f5aad8263e5656a10f0fef3a78a743253
(LMY47E)	https://dl.google.com/dl/android/aosp/shamu-lmy47e-factory-9aeac3ca.zip	
5.1.0	Link	3a0545d80e2e1099069b952abb03fead6481d7d4a6

(LMY47I)	https://dl.google.com/dl/android/aosp/shamu-lmy47i-factory-3a0545d8.zip	
5.1.0 (For T-Mobile ONLY) (LMY47M)	Link (https://dl.google.com/dl/android/aosp/shamu-lmy47m-factory-617139c6.zip)	617139c68a41784e5e971a0ff25212605bc8ced67df
5.1.1 (All carriers except T-Mobile US) (LMY47Z)	Link (https://dl.google.com/dl/android/aosp/shamu-lmy47z-factory-81b798d6.zip)	81b798d603186730e99c701053402156cb43b96a4f
5.1.1 (For T-Mobile ONLY) (LYZ28E)	Link (https://dl.google.com/dl/android/aosp/shamu-lyz28e-factory-d8d3c84e.zip)	d8d3c84eb70b4c593a1b30a4ec228d6c6072f5f11f2
5.1.1 (For Project Fi ONLY) (LVY48C)	Link (https://dl.google.com/dl/android/aosp/shamu-lvy48c-factory-a1cf7213.zip)	a1cf7213cfac6213b8c18c49ec0476d92b70286a034
5.1.1 (LMY48I)	Link (https://dl.google.com/dl/android/aosp/shamu-lmy48i-factory-70635eea.zip)	70635eeaab9de2a2bca1cc5b0fdf84917ce07d13dcf
5.1.1 (For T-Mobile ONLY) (LYZ28J)	Link (https://dl.google.com/dl/android/aosp/shamu-lyz28j-factory-0296e96f.zip)	0296e96f8a23b6c4562a8535e9c2af9955edef09d09
5.1.1 (For Project Fi ONLY) (LVY48E)	Link (https://dl.google.com/dl/android/aosp/shamu-lvy48e-factory-bb92198f.zip)	bb92198f1c3b37da8c6933421bd898f282ec28b4661
5.1.1 (LMY48M)	Link (https://dl.google.com/dl/android/aosp/shamu-lmy48m-factory-25210911.zip)	25210911286e7959c4237fbee12db0214b094f94ab
5.1.1 (For T-Mobile ONLY) (LYZ28K)	Link (https://dl.google.com/dl/android/aosp/shamu-lyz28k-factory-306b611d.zip)	306b611df1796fa5795925f70066218ba75585825e0
5.1.1 (For Project Fi ONLY) (LVY48F)	Link (https://dl.google.com/dl/android/aosp/shamu-lvy48f-factory-caf25cb7.zip)	caf25cb7400b9cc3177c5f8d0e9d550cf39fc5c6e2f7

(LVY48F)

5.1.1 [Link](#) `afc4b8b70c2c4ee68a287ed64bd1e435b9731083fae`
 (LMY48T) (<https://dl.google.com/dl/android/aosp/shamulmy48t-factory-afc4b8b7.zip>)

5.1.1 (For [Link](#) `dd3dcb2028c57638b1c837951dc6ca56873ec44aef7`
 T-Mobile (<https://dl.google.com/dl/android/aosp/shamulyz28m-factory-dd3dcb20.zip>)
 ONLY) (LYZ28M)

5.1.1 (For [Link](#) `d197efba5e74588d35c77db8905423a71be8311c2a7`
 Project Fi (<https://dl.google.com/dl/android/aosp/shamulvy48h-factory-d197efba.zip>)
 ONLY) (LVY48H)

5.1.1 [Link](#) `403fe3222fe103fae11ffd7ee27486aacc6479c69c97f`
 (LMY48W) (<https://dl.google.com/dl/android/aosp/shamulmy48w-factory-403fe322.zip>)

5.1.1 [Link](#) `2bf8d6fde027e0161d2eb3c45ea997016fdd8cc879f7`
 (LMY48X) (<https://dl.google.com/dl/android/aosp/shamulmy48x-factory-2bf8d6fd.zip>)

5.1.1 [Link](#) `505ed3067bb04e45374eaad707e729c08b5d065860`
 (LMY48Y) (<https://dl.google.com/dl/android/aosp/shamulmy48y-factory-505ed306.zip>)

5.1.1 (For [Link](#) `5dffe2dccf71c1859a2c58d80a08e372cea3b8d49c2f`
 T-Mobile (<https://dl.google.com/dl/android/aosp/shamulyz28n-factory-5dffe2dc.zip>)
 ONLY) (LYZ28N)

5.1.1 (For [Link](#) `e9cedcb8f4f0be18576b7317fe915bbf868907be9859`
 Project Fi (<https://dl.google.com/dl/android/aosp/shamulvy48i-factory-e9cedcb8.zip>)
 ONLY) (LVY48I)

6.0.0 [Link](#) `0c8cee76432db6fc40c169a61bbd6286b76e06bc5e7`
 (MRA58K) (<https://dl.google.com/dl/android/aosp/shamumra58k-factory-0c8cee76.zip>)

6.0.0 [Link](#) `330ade99ba383bb263d8ec2bbfc8e936053d29080dc`
 (MRA58N) (<https://dl.google.com/dl/android/aosp/shamumra58n-factory-330ade99.zip>)

6.0.0 [Link](#) `0c3e2d0b5a4af48eb665836bb64c6a4c95554ba6efe`
 (MRA58R) (<https://dl.google.com/dl/android/aosp/shamumra58r-factory-0c3e2d0b.zip>)

6.0.0 [Link](#) `9a18401432138127943e8ac2464d4f7b80920f8e6d7`

(MRA58X)	https://dl.google.com/dl/android/aosp/shamu-mra58x-factory-9a184014.zip	
6.0.1	Link	374c4c6adfc65c5c4202bde51647c1a949ef26fdd782
(MMB29K)	https://dl.google.com/dl/android/aosp/shamu-mmb29k-factory-374c4c6a.zip	
6.0.1	Link	a593f97c033cf678dd282c5216fcf920c1cea1e9ff6ae
(MMB29S)	https://dl.google.com/dl/android/aosp/shamu-mmb29s-factory-a593f97c.zip	
6.0.1	Link	b6c05f68f0613d117f589f03325c4dd4bc025188e41c
(MMB29Q)	https://dl.google.com/dl/android/aosp/shamu-mmb29q-factory-b6c05f68.zip	
6.0.1	Link	eb823e767cdd926638a00cf410a0580915c2a3e9d9f
(MMB29V)	https://dl.google.com/dl/android/aosp/shamu-mmb29v-factory-eb823e76.zip	
6.0.1	Link	64449878d12147532f8664a3f2bf47801698e4f791a1
(MMB29X)	https://dl.google.com/dl/android/aosp/shamu-mmb29x-factory-64449878.zip	
6.0.1	Link	df7014f9417a886bc9efc79d9a3548add5e0a18aea4f
(MOB30D)	https://dl.google.com/dl/android/aosp/shamu-mob30d-factory-df7014f9.zip	
6.0.1	Link	d5d540ed1bd8f8a544740dd75f2e8e61a43a15c13a9
(MMB30G)	https://dl.google.com/dl/android/aosp/shamu-mmb30g-factory-d5d540ed.zip	
6.0.1	Link	3692dac3560b0e03b5bab4c113ea9ebe1def8c4cbc5
(MOB30I)	https://dl.google.com/dl/android/aosp/shamu-mob30i-factory-3692dac3.zip	
6.0.1	Link	dc940f6b6baeadf295806456c46fb1ca4800f1bdb43k
(MMB30J)	https://dl.google.com/dl/android/aosp/shamu-mmb30j-factory-dc940f6b.zip	
6.0.1	Link	e0a743824b3abf397d0d7158779356dc9bb5d9d6d3.
(MOB30M)	https://dl.google.com/dl/android/aosp/shamu-mob30m-factory-e0a74382.zip	
6.0.1	Link	3db934979cafe6c35448e8cff0c035e1e82b198e857.
(MMB30K)	https://dl.google.com/dl/android/aosp/shamu-mmb30k-factory-3db93497.zip	
6.0.1	Link	5d20bd38d77b33ae38c54fefe6fcef60a99270a13bdb
(MOB30O)	https://dl.google.com/dl/android/aosp/shamu-mob30o-factory-5d20bd38.zip	

6.0.1 (MMB30R)	Link (https://dl.google.com/dl/android/aosp/shamu-mmb30r-factory-d5878426.zip)	d587842660034fd6dc72b85c09b419ee96f68102ab3
6.0.1 (MOB30W)	Link (https://dl.google.com/dl/android/aosp/shamu-mob30w-factory-21715256.zip)	21715256ba8d5e745954239b8da810e75f32e9ffed9
6.0.1 (MMB30W)	Link (https://dl.google.com/dl/android/aosp/shamu-mmb30w-factory-9a710d33.zip)	9a710d332de151cbdataef3cfbb18641802d4f37c5c
6.0.1 (MOB31E)	Link (https://dl.google.com/dl/android/aosp/shamu-mob31e-factory-051e2d25.zip)	051e2d2525fcfc422c73e95bf360437c241789ea65a
6.0.1 (MMB30Y, Oct 2016)	Link (https://dl.google.com/dl/android/aosp/shamu-mmb30y-factory-95eac974.zip)	95eac974e01661d62fd115180b028116597f08c9b9c
6.0.1 (MOB31H, Oct 2016)	Link (https://dl.google.com/dl/android/aosp/shamu-mob31h-factory-5ef08d52.zip)	5ef08d521a7bd1df742bd81363ba0f59ed489983e48
7.0.0 (NBD90Z, Oct 2016)	Link (https://dl.google.com/dl/android/aosp/shamu-nbd90z-factory-92e7bb05.zip)	92e7bb058e3842fab33241feb2d315cb3ff9c00d9a8k
6.0.1 (MMB31C, Nov 2016)	Link (https://dl.google.com/dl/android/aosp/shamu-mmb31c-factory-dd075f34.zip)	dd075f342df42597aefb588d4cc851cdf22efbada10
6.0.1 (MOB31K, Nov 2016)	Link (https://dl.google.com/dl/android/aosp/shamu-mob31k-factory-49a4de6b.zip)	49a4de6b7ac963184da86e071002ccfb303b5afecf1
7.0.0 (NBD91P, Nov 2016)	Link (https://dl.google.com/dl/android/aosp/shamu-nbd91p-factory-987282ff.zip)	987282ffca6918cf82585b040d6e3dccb4895b9241a2

"fugu" for Nexus Player

Version	Download	SHA-256 Checksum
5.0 (LRX21M)	Link (https://dl.google.com/dl/android/aosp/fugu-)	e012394cf4ee5cd2c8957f616a23a6f5f87cb04563265f

		lrx21m-factory-e012394c.zip)
5.0 (LRX21V)	Link (https://dl.google.com/dl/android/aosp/fugu-lrx21v-factory-2f283d96.zip)	2f283d965537cbb19c7b694692cea2b1c9adcd64beb20
5.1.0 (LMY47D)	Link (https://dl.google.com/dl/android/aosp/fugu-lmy47d-factory-3704b408.zip)	3704b4084f2e6716ba7fa220732006bc78d5435628ae9
5.1.1 (LMY47V)	Link (https://dl.google.com/dl/android/aosp/fugu-lmy47v-factory-c9a59be3.zip)	c9a59be3af6db26cb76b5f492d900dfa1a424f2403733f
5.1.1 (LMY48J)	Link (https://dl.google.com/dl/android/aosp/fugu-lmy48j-factory-c7b4e4c0.zip)	c7b4e4c0afe8307ec8500249c237667afb7b46b27fdd0
5.1.1 (LMY48N)	Link (https://dl.google.com/dl/android/aosp/fugu-lmy48n-factory-80ab3689.zip)	80ab3689617cd0fc1d352815a9bae2021ca0ee7c33fc2
6.0.0 (MRA58K)	Link (https://dl.google.com/dl/android/aosp/fugu-mra58k-factory-36637aa2.zip)	36637aa266810c8dfc38c7af9b50983c34535eecd975c
6.0.0 (MRA58N)	Link (https://dl.google.com/dl/android/aosp/fugu-mra58n-factory-3b5bccdc.zip)	3b5bccdc7ef95f4d8757da2a5a7806bad50c6c3407fc5
6.0.1 (MMB29M)	Link (https://dl.google.com/dl/android/aosp/fugu-mmb29m-factory-203edd00.zip)	203edd000afc89c342e61e6ee2e8372bae8982fc779cf3
6.0.1 (MMB29T)	Link (https://dl.google.com/dl/android/aosp/fugu-mmb29t-factory-80953b19.zip)	80953b195520cf153dd82122a210610b2a64ff4a0d480
6.0.1 (MMB29U)	Link (https://dl.google.com/dl/android/aosp/fugu-mmb29u-factory-b97861b2.zip)	b97861b28b239bbd6cceb8e6a09db4aa1f17d90e828
6.0.1 (MMB29V)	Link (https://dl.google.com/dl/android/aosp/fugu-mmb29v-factory-be9d09b4.zip)	be9d09b4378f9a3274ce4ad7a45d5535823b556df30cc
6.0.1 (MOB30D)	Link (https://dl.google.com/dl/android/aosp/fugu-mob30d-factory-b89b3606.zip)	b89b36063035bd8a650b86eaa629ab798be15fca543el

6.0.1 (MOB30G)	Link (https://dl.google.com/dl/android/aosp/fugu-mob30g-factory-273c6d21.zip)	273c6d218a0955a1b40a3ca248931318c5010a4da9672
6.0.1 (MOB30M)	Link (https://dl.google.com/dl/android/aosp/fugu-mob30m-factory-17465cb7.zip)	17465cb7c2f26ffca96fb83ab387d50cc41ebc4e9b5ed4
6.0.1 (MOB30P)	Link (https://dl.google.com/dl/android/aosp/fugu-mob30p-factory-a9127fa5.zip)	a9127fa513717ec7af4afecebd8014b352922a1e77eb0
6.0.1 (MOB30W)	Link (https://dl.google.com/dl/android/aosp/fugu-mob30w-factory-a9242814.zip)	a92428145f52d5c2ab6d6dfba142d91ca804fd1d14c08
7.0.0 (NRD90M)	Link (https://dl.google.com/dl/android/aosp/fugu-nrd90m-factory-3b5f38ea.zip)	3b5f38ea2d721136cf803e053e07c55c5a83780267f08
7.0.0 (NRD90R)	Link (https://dl.google.com/dl/android/aosp/fugu-nrd90r-factory-663a9f79.zip)	663a9f79612b3a1e3710148c62e4c0a4513c0fea34953
7.0.0 (NRD91D, Oct 2016)	Link (https://dl.google.com/dl/android/aosp/fugu-nrd91d-factory-60a7d0e5.zip)	60a7d0e500bfb45471c38b5aa4cf936fc992dd084dde7
7.0.0 (NRD91N, Nov 2016)	Link (https://dl.google.com/dl/android/aosp/fugu-nrd91n-factory-c3105e53.zip)	c3105e53fbb91bcaa022d678358a426399d1260c459d

"volantisg" for Nexus 9 (LTE)

Version	Download	SHA-256 Checksum
5.0.1 (LRX22C)	Link (https://dl.google.com/dl/android/aosp/volantisg-lrx22c-factory-d8015ca4.zip)	d8015ca4e9849fe90778be9c752a5b10f523be461
5.0.2 (LRX22L)	Link (https://dl.google.com/dl/android/aosp/volantisg-lrx22l-factory-cd3da569.zip)	cd3da5697f5ff9c930c78c2eaa1c17ab2d899b15a5
5.1.1 (LMY47X)	Link (https://dl.google.com/dl/android/aosp/volantisg-lmy47x-factory-2a91598f.zip)	2a91598fbb84dd8466684f964dee48953fc405d967

5.1.1 [Link](#) 898dfbd203defdf71629e9d0c715821256dec1124e
(LMY48I) (<https://dl.google.com/dl/android/aosp/volantisg-lmy48i-factory-898dfbd2.zip>)

5.1.1 [Link](#) 88a64c3719ed95447d6be74c8ecf9d4f9fe08372e8
(LMY48M) (<https://dl.google.com/dl/android/aosp/volantisg-lmy48m-factory-88a64c37.zip>)

5.1.1 [Link](#) f7a4c09633b8e73c6cd0c04ec61ebeb7075123e7e
(LMY48T) (<https://dl.google.com/dl/android/aosp/volantisg-lmy48t-factory-f7a4c096.zip>)

5.1.1 [Link](#) f461d081a260d8e9d92e88f5efd80b802661477f78
(LMY48X) (<https://dl.google.com/dl/android/aosp/volantisg-lmy48x-factory-f461d081.zip>)

5.1.1 [Link](#) e62889df41c193b4e2da6257fc88ff5eb5aff82a8b1
(LMY48Z) (<https://dl.google.com/dl/android/aosp/volantisg-lmy48z-factory-e62889df.zip>)

5.1.1 [Link](#) c9caeb4d9888c9db4d473cc50ea8a75f125634da7
(LMY49F) (<https://dl.google.com/dl/android/aosp/volantisg-lmy49f-factory-c9caeb4d.zip>)

6.0.0 [Link](#) 1dba8ee190a569583a73873734f06b70e1aeb2d77
(MRA58K) (<https://dl.google.com/dl/android/aosp/volantisg-mra58k-factory-1dba8ee1.zip>)

6.0.0 [Link](#) d1194c114bf2adf985682661b5a5fa6dbba379af88
(MRA58N) (<https://dl.google.com/dl/android/aosp/volantisg-mra58n-factory-d1194c11.zip>)

6.0.1 [Link](#) ef7c9fd9a339de16c3afa82d1eee18650ff4760648e
(MMB29K) (<https://dl.google.com/dl/android/aosp/volantisg-mmb29k-factory-ef7c9fd9.zip>)

6.0.1 [Link](#) 60e2b9e3837d5bbdd63e52a9ad54a3f45b20f3452
(MMB29S) (<https://dl.google.com/dl/android/aosp/volantisg-mmb29s-factory-60e2b9e3.zip>)

6.0.1 [Link](#) 4048f8815f4b489d475073333f780ed08fd022a557
(MMB29R) (<https://dl.google.com/dl/android/aosp/volantisg-mmb29r-factory-4048f881.zip>)

6.0.1 [Link](#) 2a546a9ff09d57bc36858c5be4b7ca31357804735f
(MMB29V) (<https://dl.google.com/dl/android/aosp/volantisg-mmb29v-factory-2a546a9f.zip>)

6.0.1 [Link](#) c2f54495871e70eea1b9e3cd21eba4057c7c9884b
(MMB29W) (<https://dl.google.com/dl/android/aosp/volantisg-mmb29w-factory-c2f54495871e70eea1b9e3cd21eba4057c7c9884b.zip>)

(MMB29X) (https://dl.google.com/dl/android/aosp/volantisg-mmb29x-factory-c2f54495.zip)		
6.0.1 (MOB30D) (https://dl.google.com/dl/android/aosp/volantisg-mob30d-factory-a6df6810.zip)	Link	a6df68105124c7da8a196caa42cfbf18e4c23d3222
6.0.1 (MOB30G) (https://dl.google.com/dl/android/aosp/volantisg-mob30g-factory-06932bb6.zip)	Link	06932bb6c7a1d03a7842be6090a7719f9923a6d58
6.0.1 (MOB30M) (https://dl.google.com/dl/android/aosp/volantisg-mob30m-factory-7f1c6739.zip)	Link	7f1c67390e186c4a671fdd4fddd8aadd45ffc9a1fb8
6.0.1 (MOB30P) (https://dl.google.com/dl/android/aosp/volantisg-mob30p-factory-bd9c5e6b.zip)	Link	bd9c5e6b3cf0ed1b20ba388afc457315443df5d3a7
6.0.1 (MOB30W) (https://dl.google.com/dl/android/aosp/volantisg-mob30w-factory-1afbef6f.zip)	Link	1afbef6f45df55708d431a293371c67f5dd991daca8
6.0.1 (MOB31E) (https://dl.google.com/dl/android/aosp/volantisg-mob31e-factory-b8c6b982.zip)	Link	b8c6b9821622934872b8c162808bb76b78c2b18fd
7.0.0 (NRD90R) (https://dl.google.com/dl/android/aosp/volantisg-nrd90r-factory-ba76b361.zip)	Link	ba76b3613888e17fd9b36382dbfb5f4cf3e7416a61
7.0.0 (NRD91N, Nov 2016) (https://dl.google.com/dl/android/aosp/volantisg-nrd91n-factory-972fb42b.zip)	Link	972fb42bc769243968b833b2cae1f59082045392d

"volantis" for Nexus 9 (Wi-Fi)

Version	Download	SHA-256 Checksum
5.0 (LRX21Q)	https://dl.google.com/dl/android/aosp/volantis-lrx21q-factory-90cce0e6.zip	90cce0e6f02263122b4ed59ce8f8938d714ebae5feb
5.0 (LRX21R)	https://dl.google.com/dl/android/aosp/volantis-lrx21r-factory-d72d6d1a.zip	d72d6d1a3f8f8ae3c6598dbec46ad6f8418341604dc

5.0.1 (LRX22C)	Link (https://dl.google.com/dl/android/aosp/volantis-lrx22c-factory-cd4320b7.zip)	cd4320b7ee3d992901d31bba4a86e8f0575cb2a57f6
5.0.2 (LRX22L)	Link (https://dl.google.com/dl/android/aosp/volantis-lrx22l-factory-0e950403.zip)	0e950403538452b615dc6a8145445c7a243d46d11e
5.1.1 (LMY47X)	Link (https://dl.google.com/dl/android/aosp/volantis-lmy47x-factory-10914332.zip)	1091433202f01ef83176d5afbbf70e64307038f0a83f
5.1.1 (LMY48I)	Link (https://dl.google.com/dl/android/aosp/volantis-lmy48i-factory-ff3f2f81.zip)	ff3f2f812df09f460ef10610eef0533cc0050239a09b1
5.1.1 (LMY48M)	Link (https://dl.google.com/dl/android/aosp/volantis-lmy48m-factory-13484746.zip)	1348474657d40374a3b44b5980889af887c07ae935
5.1.1 (LMY48T)	Link (https://dl.google.com/dl/android/aosp/volantis-lmy48t-factory-b925de62.zip)	b925de62459c521e6c09c69424a89b699c6f25c1ff5
6.0.0 (MRA58K)	Link (https://dl.google.com/dl/android/aosp/volantis-mra58k-factory-1fc6a923.zip)	1fc6a92388dcb946e4a2f6747ab70b0493b024cdfb3
6.0.0 (MRA58N)	Link (https://dl.google.com/dl/android/aosp/volantis-mra58n-factory-77facd1e.zip)	77facd1e6473e088fd6103e6d1be842a095fc58014e
6.0.1 (MMB29K)	Link (https://dl.google.com/dl/android/aosp/volantis-mmb29k-factory-0987fac3.zip)	0987fac30ebffe1bd61daac825c7d8af46562b7b13ff
6.0.1 (MMB29S)	Link (https://dl.google.com/dl/android/aosp/volantis-mmb29s-factory-c1f746d3.zip)	c1f746d3333cf8afa40eef744f6c91fcb52ff5b6f14cb
6.0.1 (MMB29R)	Link (https://dl.google.com/dl/android/aosp/volantis-mmb29r-factory-bffa6ff7.zip)	bffa6ff738af18fe41973af19d18fd00ef7a793c5020a
6.0.1 (MMB29V)	Link (https://dl.google.com/dl/android/aosp/volantis-mmb29v-factory-da6c22ad.zip)	da6c22ad9f77e1801d8a6b37d3690499fbfa1dd293c
6.0.1 (MOB30D)	Link (https://dl.google.com/dl/android/aosp/volantis-mob30d-factory-391d89eda3e69d2f0beeb6f5460395af016b28bca181)	391d89eda3e69d2f0beeb6f5460395af016b28bca181

mob30g-factory-1c35d799.zip)

6.0.1 [Link](#) 1c35d7992486d3f565eb7f1d20ccd1ef675c6fd8fe8c
(MOB30G) (https://dl.google.com/dl/android/aosp/volantis-mob30g-factory-1c35d799.zip)

6.0.1 [Link](#) adffa5c14830ad2eae3ab4f616868e9311cc8cbfc653
(MOB30M) (https://dl.google.com/dl/android/aosp/volantis-mob30m-factory-adffa5c1.zip)

6.0.1 [Link](#) a742a2124f5e4e1fe8b4ea1db007698a9359a8e4527
(MOB30P) (https://dl.google.com/dl/android/aosp/volantis-mob30p-factory-a742a212.zip)

6.0.1 [Link](#) c2c750bcd815a48ce061deae94a43ce156de0f5a971
(MOB30W) (https://dl.google.com/dl/android/aosp/volantis-mob30w-factory-c2c750bc.zip)

7.0.0 [Link](#) fccddb6d82bd0c21b5200d047b24b6b5a6af798aa7f
(NRD90M) (https://dl.google.com/dl/android/aosp/volantis-nrd90m-factory-fccddb6d.zip)

7.0.0 [Link](#) 84de678f9f4b5b96f2f44dfba0ef0794a56e3727c11e
(NRD90R) (https://dl.google.com/dl/android/aosp/volantis-nrd90r-factory-84de678f.zip)

7.0.0 [Link](#) a27db9bc4613f5fc41ce30372ce8401d445bee46358
(NRD91D, Oct 2016) nrd91d-factory-a27db9bc.zip)

7.0.0 [Link](#) 97ea58bec951f11bf1ffff892ef0a8de746e9ae92a06f
(NRD91N, Nov 2016) nrd91n-factory-97ea58be.zip)

"hammerhead" for Nexus 5 (GSM/LTE)

Version	Download	SHA-256 Checksum
4.4 (KRT16M)	Link (https://dl.google.com/dl/android/aosp/hammerhead-krt16m-factory-fb4041cc.zip)	fb4041cc77a51c2f8c93afcc06df4c50e029f
4.4.2 (KOT49H)	Link (https://dl.google.com/dl/android/aosp/hammerhead-kot49h-factory-3c5d358b.zip)	3c5d358ba25ee32afc1b2fc9d7d7abbc8515
4.4.3	Link	9c4610fb1964618685c099934784057bc13c

(KTU84M)	https://dl.google.com/dl/android/aosp/hammerhead-ktu84m-factory-9c4610fb.zip	
4.4.4 (KTU84P)	Link (https://dl.google.com/dl/android/aosp/hammerhead-ktu84p-factory-1f5f26b1.zip)	1f5f26b17be1bb63874d82cdb03a8dea70fc
4.4.4 Release 2 (For Telstra/AUS and India ONLY) (KTU84Q)	Link (https://dl.google.com/dl/android/aosp/hammerhead-2Degrees/NZ,ktu84q-factory-654c5471.zip)	654c5471bbb866193e571b9ac74da25bf430
5.0 (LRX21O)	Link (https://dl.google.com/dl/android/aosp/hammerhead-lrx21o-factory-56a09d43.zip)	56a09d43d0dcc808d9dd9e2ed4c424af29bc
5.0.1 (LRX22C)	Link (https://dl.google.com/dl/android/aosp/hammerhead-lrx22c-factory-3b22f481.zip)	3b22f4819d718818a65582c5c904073847b0
5.1.0 (LMY47D)	Link (https://dl.google.com/dl/android/aosp/hammerhead-lmy47d-factory-7df990ed.zip)	7df990ed37728f44f4c77d1c42c306df802f6
5.1.0 (LMY47I)	Link (https://dl.google.com/dl/android/aosp/hammerhead-lmy47i-factory-f1734da1.zip)	f1734da163304f57b23f43d79755abec60e2
5.1.1 (LMY48B)	Link (https://dl.google.com/dl/android/aosp/hammerhead-lmy48b-factory-e90640d2.zip)	e90640d2c2b53f9cad26addbefa42ef54d480
5.1.1 (LMY48I)	Link (https://dl.google.com/dl/android/aosp/hammerhead-lmy48i-factory-67766277.zip)	67766277bfc9db722d8d7837ef205bda4924
5.1.1 (LMY48M)	Link (https://dl.google.com/dl/android/aosp/hammerhead-lmy48m-factory-e01ca3b7.zip)	e01ca3b73688ee06e83d6a133369f8e254b3
6.0.0 (MRA58K)	Link (https://dl.google.com/dl/android/aosp/hammerhead-mra58k-factory-ccbc4611.zip)	ccbc4611deaa6e35a77b700843f7ad0e74a7
6.0.0 (MRA58N)	Link (https://dl.google.com/dl/android/aosp/hammerhead-mra58n-factory-30da525d.zip)	30da525dd8aa256a796aebd0aafb030cbef5

6.0.1 (MMB29K)	Link (https://dl.google.com/dl/android/aosp/hammerhead-mmb29k-factory-e5796b14.zip)	e5796b1407d0c3ee6b8c01468bed0f01dda
6.0.1 (MMB29S)	Link (https://dl.google.com/dl/android/aosp/hammerhead-mmb29s-factory-82c3474f.zip)	82c3474fc87298f160e0e512c6d32458568a
6.0.1 (MMB29Q)	Link (https://dl.google.com/dl/android/aosp/hammerhead-mmb29q-factory-27d8a4a5.zip)	27d8a4a55de5613b98985f71eeb85384d0a
6.0.1 (MMB29V)	Link (https://dl.google.com/dl/android/aosp/hammerhead-mmb29v-factory-7f1b9c7e.zip)	7f1b9c7ed1df6124b935ae1fd2543f814b18
6.0.1 (MMB29X)	Link (https://dl.google.com/dl/android/aosp/hammerhead-mmb29x-factory-9ebfbf54.zip)	9ebfbf5473e00a25ec832b4e67c210f087ae
6.0.1 (MOB30D)	Link (https://dl.google.com/dl/android/aosp/hammerhead-mob30d-factory-43d1482d.zip)	43d1482d8771f5b5d97f54b19e844816513
6.0.1 (MOB30H)	Link (https://dl.google.com/dl/android/aosp/hammerhead-mob30h-factory-2c178ff7.zip)	2c178ff79014fd5703d423020d22df4618b1
6.0.1 (MOB30M)	Link (https://dl.google.com/dl/android/aosp/hammerhead-mob30m-factory-af019693.zip)	af019693798dceac03879feb3f46ee5b6380
6.0.1 (MOB30P)	Link (https://dl.google.com/dl/android/aosp/hammerhead-mob30p-factory-8d36be0c.zip)	8d36be0cfcc28da4986da0a211403b2586a
6.0.1 (MOB30Y)	Link (https://dl.google.com/dl/android/aosp/hammerhead-mob30y-factory-5bea6457.zip)	5bea645798a9584f6b06419537befbbb41d
6.0.1 (MOB31E)	Link (https://dl.google.com/dl/android/aosp/hammerhead-mob31e-factory-90504514.zip)	9050451400a69d8cd6e2b559e87c052bb7e
6.0.1 (M4B30X, Oct 2016)	Link (https://dl.google.com/dl/android/aosp/hammerhead-m4b30x-factory-10cfaa5c.zip)	10cfaa5c8ff1753af20283f5e5f938ddebba

"razor" for Nexus 7 [2013] (Wi-Fi)

Version	Download	SHA-256 Checksum
4.3 (JSS15Q)	Link (https://dl.google.com/dl/android/aosp/razor-jss15q-factory-e5793513.zip)	e5793513cac2602f5943b162a3693ea44f3a793187943
4.3 (JSS15R)	Link (https://dl.google.com/dl/android/aosp/razor-jss15r-factory-10bb907c.zip)	10bb907c4f7f465d0bcd7910b63485835f673d891b28c
4.4 (KRT16S)	Link (https://dl.google.com/dl/android/aosp/razor-krt16s-factory-cb470f70.zip)	cb470f70e8e4c560fa0fa511806e73b12179c81fe4304e
4.4.2 (KOT49H)	Link (https://dl.google.com/dl/android/aosp/razor-kot49h-factory-a3f2c6ab.zip)	a3f2c6ab42e84796726102771e6a0ea1045e8bc42e510
4.4.3 (KTU84L)	Link (https://dl.google.com/dl/android/aosp/razor-ktu84l-factory-99920590.zip)	99920590cd68095b4110a3930d45212b73d01ba6fc14
4.4.4 (KTU84P)	Link (https://dl.google.com/dl/android/aosp/razor-ktu84p-factory-2482a7d5.zip)	2482a7d5d363da6c4beeb2ca35d05934ccc32e70484d
5.0 (LRX21P)	Link (https://dl.google.com/dl/android/aosp/razor-lrx21p-factory-f6f1633a.zip)	f6f1633af1d87d27b360188f60d8e047158e362ca2be53
5.0.1 (LRX22C)	Link (https://dl.google.com/dl/android/aosp/razor-lrx22c-factory-b8489e3a.zip)	b8489e3abf8c25544f0a688ff60dfa544c3bfcf2387bb53
5.0.2 (LRX22G)	Link (https://dl.google.com/dl/android/aosp/razor-lrx22g-factory-980d1360.zip)	980d1360ab8ea0dcb9550b4f25a8b7bda726efb0a6d95
5.1.0 (LMY47O)	Link (https://dl.google.com/dl/android/aosp/razor-lmy47o-factory-06605773.zip)	066057739801c9401e8017c6e655867fbbd1f93f6c079
5.1.1 (LMY47V)	Link (https://dl.google.com/dl/android/aosp/razor-lmy47v-factory-18ea5082.zip)	18ea508292bd284b4bacebe1b165016b384ab943f4fec

5.1.1 (LMY48G)	Link (https://dl.google.com/dl/android/aosp/razor-lmy48g-factory-241edd58.zip)	241edd58ebf1676d34676f55959772f1f886adaed005d
5.1.1 (LMY48I)	Link (https://dl.google.com/dl/android/aosp/razor-lmy48i-factory-deb25f22.zip)	deb25f226e98f0f1d4e50fc2a1770bf5f3a0183f67f803b
5.1.1 (LMY48M)	Link (https://dl.google.com/dl/android/aosp/razor-lmy48m-factory-7f8241f5.zip)	7f8241f52fd0c9c43a67f04efae54f190314f6583cf6c29
5.1.1 (LMY48T)	Link (https://dl.google.com/dl/android/aosp/razor-lmy48t-factory-0db13100.zip)	0db131001ec2a7af3633a0eb12756000032095d5c631
6.0.0 (MRA58K)	Link (https://dl.google.com/dl/android/aosp/razor-mra58k-factory-7b438d31.zip)	7b438d31eb3b50e008b2d8183dda864523aaab38032e
6.0.0 (MRA58U)	Link (https://dl.google.com/dl/android/aosp/razor-mra58u-factory-17f59671.zip)	17f5967104ce9ac95eff76ec71806f521bd8309f49ae5e
6.0.0 (MRA58V)	Link (https://dl.google.com/dl/android/aosp/razor-mra58v-factory-d3d8bc1f.zip)	d3d8bc1f9f45bc485e9938dbfaec3d908c910352b8dd4
6.0.1 (MMB29K)	Link (https://dl.google.com/dl/android/aosp/razor-mmb29k-factory-8b43affc.zip)	8b43affc42eff296512156a982cdf9bba7373a891ba34e
6.0.1 (MMB29O)	Link (https://dl.google.com/dl/android/aosp/razor-mmb29o-factory-edef049a.zip)	edef049a5a768ca1c9aac9f48ee53f716117ded8ef7b6k
6.0.1 (MMB29Q)	Link (https://dl.google.com/dl/android/aosp/razor-mmb29q-factory-1fc8bb0c.zip)	1fc8bb0c360426dd5bc745caf32c9f7451a66d707147a
6.0.1 (MMB29V)	Link (https://dl.google.com/dl/android/aosp/razor-mmb29v-factory-97ce617e.zip)	97ce617ec127e8de5c96ac552773d683210029df4f082
6.0.1 (MOB30D)	Link (https://dl.google.com/dl/android/aosp/razor-mob30d-factory-8e8b2ba7.zip)	8e8b2ba7d0f014963a8e41cdc50ed82be428a9e49ed7!
6.0.1 (MOB30J)	Link (https://dl.google.com/dl/android/aosp/razor-mob30j-factory-58203981.zip)	582039814fd8b15f87760648ddb33e3412771cae1c687

mob30j-factory-52684dff.zip)

6.0.1 [Link](#) 4890ef1d9b1b5ec82e743f5433386fab7f8daff4f83ac7c
(MOB30M) (https://dl.google.com/dl/android/aosp/razor-mob30m-factory-4890ef1d.zip)

6.0.1 [Link](#) 2780fa5e07fc427aceb85fd78d9a205290b8bcd9f20f
(MOB30P) (https://dl.google.com/dl/android/aosp/razor-mob30p-factory-2780fa5e.zip)

6.0.1 [Link](#) 52684dff1683ac1f012083e3476f2aad285ca937eaae
(MOB30X) (https://dl.google.com/dl/android/aosp/razor-mob30x-factory-52684dff.zip)

"razorg" for Nexus 7 [2013] (Mobile)

Version	Download	SHA-256 Checksum
4.3 (JLS36C)	Link (https://dl.google.com/dl/android/aosp/razorg-jls36c-factory-834eab41.zip)	834eab41c8021d9016b8d7b5324ad993c655f918f7c
4.3.1 (JLS36I)	Link (https://dl.google.com/dl/android/aosp/razorg-jls36i-factory-c7819e38.zip)	c7819e38d0beef181c864973a7cb889e20b50b2dd11
4.4 (KRT16S)	Link (https://dl.google.com/dl/android/aosp/razorg-krt16s-factory-4c0e2bbf.zip)	4c0e2bbfa073d76a9582e8d2f54fa8dda2c78eddd72c
4.4.2 (KOT49H)	Link (https://dl.google.com/dl/android/aosp/razorg-kot49h-factory-67f0f487.zip)	67f0f487b1ca70376a9a6406abe5cfcfb713d4750550
4.4.2_r2 (Verizon) (KVT49L)	Link (https://dl.google.com/dl/android/aosp/razorg-kvt49l-factory-6cf4006d.zip)	6cf4006d16d39ec27d0f3f3481257b8665c3b744c03k
4.4.3 (KTU84L)	Link (https://dl.google.com/dl/android/aosp/razorg-ktu84l-factory-23a28047.zip)	23a280475cecb776484dcaccb4067916850e6b63a7f
4.4.4 (KTU84P)	Link (https://dl.google.com/dl/android/aosp/razorg-ktu84p-factory-d0c428e1.zip)	d0c428e1592fa6bbe252ba07dbacc65c8951106d175
5.0.2	Link	c4fed480298d9b6404dccf5a513495cabf567970db82

(LRX22G)	https://dl.google.com/dl/android/aosp/razorg-lrx22g-factory-c4fed480.zip	
5.1.0 (LMY47O)	Link https://dl.google.com/dl/android/aosp/razorg-lmy47o-factory-9db6efe6.zip	9db6efe6c5957f1d1b9f74c6eb409bfd81c0ae8a4d34
5.1.1 (LMY47V)	Link https://dl.google.com/dl/android/aosp/razorg-lmy47v-factory-d141b515.zip	d141b515f3296f0a6b25858d1fe375edbc74224d41a3
5.1.1 (LMY48P)	Link https://dl.google.com/dl/android/aosp/razorg-lmy48p-factory-c3dc516c.zip	c3dc516cb278b55e17c9be513be6c162d27ddcd417b
5.1.1 (LMY48U)	Link https://dl.google.com/dl/android/aosp/razorg-lmy48u-factory-96decafd.zip	96decafd96a1c5b6f131b8226499316a0da783299f70
5.1.1 (LMY48X)	Link https://dl.google.com/dl/android/aosp/razorg-lmy48x-factory-0d952c83.zip	0d952c83d9cfd3547a027af5f418f4a3b22cb172e727
5.1.1 (LMY48Z)	Link https://dl.google.com/dl/android/aosp/razorg-lmy48z-factory-9a4845b2.zip	9a4845b2481e1ee24403c77c90daeee04d71ee3233e
6.0.0 (MRA58K)	Link https://dl.google.com/dl/android/aosp/razorg-mra58k-factory-0f5a7c20.zip	0f5a7c205a5ba7b386266c76c40d0d51a73f87ef2460
6.0.0 (MRA58N)	Link https://dl.google.com/dl/android/aosp/razorg-mra58n-factory-53fbc37c.zip	53fbc37c464be17d00dc4968a390269379b3135cdfec
6.0.0 (MRA58V)	Link https://dl.google.com/dl/android/aosp/razorg-mra58v-factory-0811c13a.zip	0811c13a4bc348c21de5168c54d996688705c6f554e
6.0.0 (MRA59B)	Link https://dl.google.com/dl/android/aosp/razorg-mra59b-factory-f4950bb4.zip	f4950bb48808f27624239600705eec295d8edc77a9c7
6.0.1 (MMB29K)	Link https://dl.google.com/dl/android/aosp/razorg-mmb29k-factory-6cb8af22.zip	6cb8af22ab0e42f33fa74366d57987f4e84949f8700c3
6.0.1 (MMB29O)	Link https://dl.google.com/dl/android/aosp/razorg-mmb29o-factory-eae67311.zip	eae673113adc18432111bbb3e28ccbc8d8de63dd584

6.0.1	Link	167e1d08d587492e6fb80b8e9f0b4f7045e8e10dd0cc
(MMB29Q)	(https://dl.google.com/dl/android/aosp/razorg-mmb29q-factory-167e1d08.zip)	
6.0.1	Link	f3e59c6ee78d6e2a6bd14ffa8b6b9fc0a9fc47b3d525f
(MMB29V)	(https://dl.google.com/dl/android/aosp/razorg-mmb29v-factory-f3e59c6e.zip)	
6.0.1	Link	ae0af3077a350f6e5b4e8b44089909b288cc6fd6129e
(MMB29X)	(https://dl.google.com/dl/android/aosp/razorg-mmb29x-factory-ae0af307.zip)	
6.0.1	Link	49fcc07944e8602afb975b96e9a1f92657d084b0185e
(MOB30D)	(https://dl.google.com/dl/android/aosp/razorg-mob30d-factory-49fcc079.zip)	
6.0.1	Link	fa562bcf201ee6c745151af8c12d21aea56b69954271
(MMB30H)	(https://dl.google.com/dl/android/aosp/razorg-mmb30h-factory-fa562bcf.zip)	
6.0.1	Link	d191030cab8aed8cc3af16f5e6d4d8abb8c1151d541f
(MOB30J)	(https://dl.google.com/dl/android/aosp/razorg-mob30j-factory-d191030c.zip)	
6.0.1	Link	38dd789f2827beabc3200c7ca5f2e4bc2c0d4e023c0e
(MMB30J)	(https://dl.google.com/dl/android/aosp/razorg-mmb30j-factory-38dd789f.zip)	
6.0.1	Link	4cd6548fff3c6440b2e903f50209bfc1510f2ef91d921
(MOB30M)	(https://dl.google.com/dl/android/aosp/razorg-mob30m-factory-4cd6548f.zip)	
6.0.1	Link	e600583325a4d50dce17c3aa9f3f7c7a875344d65b31
(MMB30M)	(https://dl.google.com/dl/android/aosp/razorg-mmb30m-factory-e6005833.zip)	
6.0.1	Link	4bece43545381a49428d96708de0933c755b3433c4f
(MOB30P)	(https://dl.google.com/dl/android/aosp/razorg-mob30p-factory-4bece435.zip)	
6.0.1	Link	091a2b263e7f71ecab03d7bed5c58333bdab16fb0850
(MMB30S)	(https://dl.google.com/dl/android/aosp/razorg-mmb30s-factory-091a2b26.zip)	
6.0.1	Link	10b7ca083e4c0ce193904faca8841594f680e61b63da
(MOB30X)	(https://dl.google.com/dl/android/aosp/razorg-mob30x-factory-10b7ca08.zip)	

"mantaray" for Nexus 10

Version	Download	SHA-256 Checksum
4.2.2 (JDQ39)	Link (https://dl.google.com/dl/android/aosp/mantaray-jdq39-factory-f36846bb.zip)	f36846bb4b228d01d208a99b6c02f5f2f6cf9e80345
4.3 (JWR66Y)	Link (https://dl.google.com/dl/android/aosp/mantaray-jwr66y-factory-af9fdf29.zip)	af9fdf296e084ba904bcc0849746d15f3864a65246
4.4 (KRT16S)	Link (https://dl.google.com/dl/android/aosp/mantaray-krt16s-factory-ffbec876.zip)	ffbec876b1b687833ac386b3b2c97d8a2b5d02deec
4.4.2 (KOT49H)	Link (https://dl.google.com/dl/android/aosp/mantaray-kot49h-factory-31e93f8d.zip)	31e93f8d2f09408ae5981a38db83705e8181f79a74
4.4.3 (KTU84L)	Link (https://dl.google.com/dl/android/aosp/mantaray-ktu84l-factory-da64399f.zip)	da64399fd39a24232cec93b89427248df0845f9f41
4.4.4 (KTU84P)	Link (https://dl.google.com/dl/android/aosp/mantaray-ktu84p-factory-21949d5d.zip)	21949d5d54356388c4b97493817a40f6b3aa82d42
5.0 (LRX21P)	Link (https://dl.google.com/dl/android/aosp/mantaray-lrx21p-factory-0ba5bf74.zip)	0ba5bf74c2999280f06cdf7e8e61b07c43dd5b0e21
5.0.1 (LRX22C)	Link (https://dl.google.com/dl/android/aosp/mantaray-lrx22c-factory-ac6bdf60.zip)	ac6bdf60e1db208fbaf34c0adc214a9857c67db28a
5.0.2 (LRX22G)	Link (https://dl.google.com/dl/android/aosp/mantaray-lrx22g-factory-7f1af28e.zip)	7f1af28ea70841e1bc602187cc7ee3f5531aa90e73
5.1.0 (LMY47D)	Link (https://dl.google.com/dl/android/aosp/mantaray-lmy47d-factory-00f8e48a.zip)	00f8e48aae783941d7f41254d887c444402f0d624b
5.1.1 (LMY47V)	Link (https://dl.google.com/dl/android/aosp/mantaray-lmy47v-factory-66a84c65.zip)	66a84c659286a9ea44a192e125bdd202d48573fcb
5.1.1	Link	0fa0cdbc470db4a0379596c68e1579da3eb607a38

(LMY48I)	https://dl.google.com/dl/android/aosp/mantaray-lmy48i-factory-0fa0cdbc.zip	
5.1.1	Link	7fefa227f288d54814d2ce15740cb51f5fe887b4b1f
(LMY48M)	https://dl.google.com/dl/android/aosp/mantaray-lmy48m-factory-7fefa227.zip	
5.1.1	Link	6393672b4dd1f2f97a3e5788efcfdb6a5730c6968b
(LMY48T)	https://dl.google.com/dl/android/aosp/mantaray-lmy48t-factory-6393672b.zip	
5.1.1	Link	f16fd70b3b93c47d2c73e3cbc813d8f9f7e64426ba
(LMY48X)	https://dl.google.com/dl/android/aosp/mantaray-lmy48x-factory-f16fd70b.zip	
5.1.1	Link	335473d6a8bd4e908384c7d95994c205a8ed37ce5
(LMY48Z)	https://dl.google.com/dl/android/aosp/mantaray-lmy48z-factory-335473d6.zip	
5.1.1	Link	c079e4a5933798325e6dad6ca596ace2df9eff3c1b
(LMY49F)	https://dl.google.com/dl/android/aosp/mantaray-lmy49f-factory-c079e4a5.zip	
5.1.1	Link	d68cbae5f3dd41325a7112f913ac5d8e18364b7405
(LMY49G)	https://dl.google.com/dl/android/aosp/mantaray-lmy49g-factory-d68cbae5.zip	
5.1.1	Link	ee7b7ce5e953227990a30aee0df47ec56ca175c0e4
(LMY49H)	https://dl.google.com/dl/android/aosp/mantaray-lmy49h-factory-ee7b7ce5.zip	
5.1.1	Link	b24f40e64a1c7e4a986be9596223737fb2fe0fb739
(LMY49J)	https://dl.google.com/dl/android/aosp/mantaray-lmy49j-factory-b24f40e6.zip	

"occam" for Nexus 4

Version	Download	SHA-256 Checksum
4.2.2	Link	5880aa93a1b14397b8162d4c4936267b52cac94035b
(JDQ39)	https://dl.google.com/dl/android/aosp/occam-jdq39-factory-5880aa93.zip	
4.3	Link	2b869d2f61c53a6018b48d13dfb3078bbd87ac79bba
(JWR66Y)	https://dl.google.com/dl/android/aosp/occam-jwr66y-factory-2b869d2f.zip	

4.4	Link	3fb36835bf216b0d1426db5455ba7c435535b31b28d
(KRT16S)	(https://dl.google.com/dl/android/aosp/occam-krt16s-factory-3fb36835.zip)	
4.4.2	Link	e859c810cb053b55e95e9663a33fe0175b5a388435d
(KOT49H)	(https://dl.google.com/dl/android/aosp/occam-kot49h-factory-e859c810.zip)	
4.4.3	Link	6e75c072c9f4ece87e1bc4094b397bf86f4baf9b2141e
(KTU84L)	(https://dl.google.com/dl/android/aosp/occam-ktu84l-factory-6e75c072.zip)	
4.4.4	Link	2373a5419f8e1f35f05f916d9ad2979b106b03193c39
(KTU84P)	(https://dl.google.com/dl/android/aosp/occam-ktu84p-factory-2373a541.zip)	
5.0	Link	96341e4d26586141f404a293345d0fc0483b4a9b565
(LRX21T)	(https://dl.google.com/dl/android/aosp/occam-lrx21t-factory-96341e4d.zip)	
5.0.1	Link	3657b013b097a893d5a84bcdb43093ba463f44abc79
(LRX22C)	(https://dl.google.com/dl/android/aosp/occam-lrx22c-factory-3657b013.zip)	
5.1.0	Link	414975799076d8f6997d2b028e84c9dd5ac9eb45ca4
(LMY47O)	(https://dl.google.com/dl/android/aosp/occam-lmy47o-factory-41497579.zip)	
5.1.1	Link	85f8c9ff82f2eb60abacc9abacac19b3a837c044a974k
(LMY47V)	(https://dl.google.com/dl/android/aosp/occam-lmy47v-factory-85f8c9ff.zip)	
5.1.1	Link	f0ac517ad0ff8261fae610bec4e9f145d99a078fe066e
(LMY48I)	(https://dl.google.com/dl/android/aosp/occam-lmy48i-factory-f0ac517a.zip)	
5.1.1	Link	791d6c4a716ceadbb830d67db823f377067becd2eca
(LMY48M)	(https://dl.google.com/dl/android/aosp/occam-lmy48m-factory-791d6c4a.zip)	
5.1.1	Link	c43c7cfd7e77ae97dad0c2e0f3810f84bc5e2ca3b4dc
(LMY48T)	(https://dl.google.com/dl/android/aosp/occam-lmy48t-factory-c43c7cfd.zip)	

"nakasi" for Nexus 7 (Wi-Fi)

Version	Download	SHA-256 Checksum
4.1.2 (JZO54K)	Link (https://dl.google.com/dl/android/aosp/nakasi-jzo54k-factory-25cab35c.zip)	25cab35cfc81a7d92679deece485590dd62070882124
4.2.2 (JDQ39)	Link (https://dl.google.com/dl/android/aosp/nakasi-jdq39-factory-1ed5719b.zip)	1ed5719bbf2a709f090f8d1da5c3afc62d6fcb381ee25!
4.3 (JWR66Y)	Link (https://dl.google.com/dl/android/aosp/nakasi-jwr66y-factory-201de0b2.zip)	201de0b22cac0d5c8d51b249bf85dbe803b9a63b3eb1
4.4 (KRT16S)	Link (https://dl.google.com/dl/android/aosp/nakasi-krt16s-factory-7e5a4463.zip)	7e5a44631d7f7df7312c52fedd5fdd5ec4a2d94a99d17
4.4.2 (KOT49H)	Link (https://dl.google.com/dl/android/aosp/nakasi-kot49h-factory-f0e49b7a.zip)	f0e49b7a6a4bbe82019a60b919a75c9c18425c869e5d
4.4.3 (KTU84L)	Link (https://dl.google.com/dl/android/aosp/nakasi-ktu84l-factory-93385880.zip)	933858800b0fa94d2ee2289506c10065e2be9570852c
4.4.4 (KTU84P)	Link (https://dl.google.com/dl/android/aosp/nakasi-ktu84p-factory-9482e892.zip)	9482e892e274e27cc18028e82e206b2e9de82f17cd29
5.0 (LRX21P)	Link (https://dl.google.com/dl/android/aosp/nakasi-lrx21p-factory-7d66743e.zip)	7d66743ed60fba0d83a44513c7a98e912302fa5c1f563
5.0.2 (LRX22G)	Link (https://dl.google.com/dl/android/aosp/nakasi-lrx22g-factory-386f8be2.zip)	386f8be2ae4ca68486535130f19eae68c93c59c770ea3
5.1.0 (LMY47D)	Link (https://dl.google.com/dl/android/aosp/nakasi-lmy47d-factory-7f853a00.zip)	7f853a00ac20643c216e28f220a34c14024404240c9d
5.1.1 (LMY47V)	Link (https://dl.google.com/dl/android/aosp/nakasi-lmy47v-factory-5a0bb059.zip)	5a0bb0593ee9867bee61d59e94462e681c050da9db13

"nakasig" for Nexus 7 (Mobile)

Version	Download	SHA-256 Checksum
4.2.2 (JDQ39)	Link (https://dl.google.com/dl/android/aosp/nakasig-jdq39-factory-3ec66003.zip)	3ec660030b502a34bb2ed037eff55c79545b9b11f0bc
4.3 (JWR66Y)	Link (https://dl.google.com/dl/android/aosp/nakasig-jwr66y-factory-cd7ba7a0.zip)	cd7ba7a0af525ba276442ad6d061f1cdb1a00daba81
4.4 (KRT16S)	Link (https://dl.google.com/dl/android/aosp/nakasig-krt16s-factory-e2560231.zip)	e25602316aa198ac6afddb40c5758749b5b47e4574b
4.4.2 (KOT49H)	Link (https://dl.google.com/dl/android/aosp/nakasig-kot49h-factory-62469636.zip)	624696368457946bce4b34a42759ab35ba1e226ffbf
4.4.3 (KTU84L)	Link (https://dl.google.com/dl/android/aosp/nakasig-ktu84l-factory-d2e16b2a.zip)	d2e16b2a7c81d1f6cea2a60f61cfa983cf181cdbb622
4.4.4 (KTU84P)	Link (https://dl.google.com/dl/android/aosp/nakasig-ktu84p-factory-ddaf3885.zip)	ddaf388582775b569539a43791f94cb6b3475559864
5.0.2 (LRX22G)	Link (https://dl.google.com/dl/android/aosp/nakasig-lrx22g-factory-bbbc5d72.zip)	bbbc5d726de1af4c524830a39de4431c17531b4affak
5.1.0 (LMY47D)	Link (https://dl.google.com/dl/android/aosp/nakasig-lmy47d-factory-3cccf586.zip)	3cccf586cea8a8117e6577d73f41d093e7450d33157
5.1.1 (LMY47V)	Link (https://dl.google.com/dl/android/aosp/nakasig-lmy47v-factory-f96fcd16.zip)	f96fcd164f2ef8f1d7c88efd553b6b7193fe56326e5ad

"tungsten" for Nexus Q

Version	Download	SHA-256 Checksum
4.0.4 (IAN67K)	Link (https://dl.google.com/dl/android/aosp/tungsten-ian67k-factory-d766e5f1.zip)	d766e5f1eb7cd276864bb255593279788a4c44a3935

"takju" for Galaxy Nexus "maguro" (GSM/HSPA+) (with Google Wallet)

Version	Download	SHA-256 Checksum
4.0.4 (IMM76I)	Link (https://dl.google.com/dl/android/aosp/takju-imm76i-factory-1c4370b4.zip)	1c4370b411bd23179277e8bc42f1eb8c9a344980bf30e9
4.1.2 (JZO54K)	Link (https://dl.google.com/dl/android/aosp/takju-jzo54k-factory-50c467ac.zip)	50c467acdc6e7d512663ac587207a0b1eadb762e5d66a
4.2.2 (JDQ39)	Link (https://dl.google.com/dl/android/aosp/takju-jdq39-factory-4bf9521a.zip)	4bf9521a436e3d1db194a5e1837729088a4a5ad1e57ea
4.3 (JWR66Y)	Link (https://dl.google.com/dl/android/aosp/takju-jwr66y-factory-c042afa0.zip)	c042afa00fbfaf547ff767dfa9f72df1421525c1e3dbc77fc

"yakju" for Galaxy Nexus "maguro" (GSM/HSPA+)

Version	Download	SHA-256 Checksum
4.0.4 (IMM76I)	Link (https://dl.google.com/dl/android/aosp/yakju-imm76i-factory-7e04639e.zip)	7e04639eee9459a94ee4ae7d1675e5a857bbf89ce36f41
4.1.2 (JZO54K)	Link (https://dl.google.com/dl/android/aosp/yakju-jzo54k-factory-d75228cf.zip)	d75228cffdc9d0f88d6ed9c63f79c35123269a1ed860dfc
4.2.2 (JDQ39)	Link (https://dl.google.com/dl/android/aosp/yakju-jdq39-factory-6f07b069.zip)	6f07b0690a3853fb7bd9915be2ea38525486c9fa0c474c
4.3 (JWR66Y)	Link (https://dl.google.com/dl/android/aosp/yakju-jwr66y-factory-4cadea65.zip)	4cadea65393c1cc6f2a61232001fc34a37d4a8c95c2439

"mysid" for Galaxy Nexus "toro" (Verizon CDMA/LTE)

Version	Download	SHA-256 Checksum
4.0.4	Link (IMM76K) (https://dl.google.com/dl/android/aosp/mysid-imm76k-factory-09d74d64.zip)	09d74d643fd37411efeb66050883de389142788c8ecct
4.1.1	Link (JRO030) (https://dl.google.com/dl/android/aosp/mysid-jro03o-factory-1cc98d31.zip)	1cc98d314f94cc873853831936d00f9cab9be774f8b78
4.2.2	Link (JDQ39) (https://dl.google.com/dl/android/aosp/mysid-jdq39-factory-335d5931.zip)	335d5931c3860e37748e26d719e9d18e5baf9e9f0bd2a

"mysidspr" for Galaxy Nexus "toroplus" (Sprint CDMA/LTE)

Version	Download	SHA-256 Checksum
4.1.1	Link (FH05) (https://dl.google.com/dl/android/aosp/mysidspr-fh05-factory-ff03148b.zip)	ff03148b27757fb7e83dc6a545f51ddc8b808e612406
4.2.1	Link (GA02) (https://dl.google.com/dl/android/aosp/mysidspr-ga02-factory-063123bd.zip)	063123bd699b1dfaef38591ad44bba453df1765051e

"soju" for Nexus S (worldwide version, i9020t and i9023)

Version	Download	SHA-256 Checksum
2.3.6	Link (GRK39F) (https://dl.google.com/dl/android/aosp/soju-grk39f-factory-8e283784.zip)	8e2837843881e0848d8307f01eaefb1489762e6eeda36f
4.0.4	Link (IMM76D) (https://dl.google.com/dl/android/aosp/soju-imm76d-factory-c6e0efe3.zip)	c6e0efe396c9e1bc9f932926b4c439fecc56f624c6c9bee

4.1.2 [Link](#) 3534fc3ecd8d9742791f18d6e427ba342db6adacbfbe3c5
(JZO54K) (<https://dl.google.com/dl/android/aosp/soju-jzo54k-factory-3534fc3e.zip>)

"sojua" for Nexus S (850MHz version, i9020a)

Version	Download	SHA-256 Checksum
2.3.6	Link (GRK39F) (https://dl.google.com/dl/android/aosp/sojua-grk39f-factory-cad4ab8a.zip)	cad4ab8aab10b37467795b0e7ddde6d63360ed9c6f27e
4.0.4	Link (IMM76D) (https://dl.google.com/dl/android/aosp/sojua-imm76d-factory-174c6bd1.zip)	174c6bd19aa4e0d56187f64d09bdc595e601a4f48c048
4.1.2	Link (JZO54K) (https://dl.google.com/dl/android/aosp/sojua-jzo54k-factory-860d0729.zip)	860d072998c6a5764a5c3b7d3a2c266615959751d550

"sojuk" for Nexus S (Korea version, m200)

Version	Download	SHA-256 Checksum
2.3.6	Link (GRK39F) (https://dl.google.com/dl/android/aosp/sojuk-grk39f-factory-3910e795.zip)	3910e795e66e3e5beb74e6246ac1b59280a2abaea3d99
4.0.4	Link (IMM76D) (https://dl.google.com/dl/android/aosp/sojuk-imm76d-factory-9a5468c1.zip)	9a5468c1aeaa201bf42553b86e6bbf83eefd237e540c13
4.1.1	Link (JRO03E) (https://dl.google.com/dl/android/aosp/sojuk-jro03e-factory-176dca0a.zip)	176dca0aacb4601ed67961a4ab3b32714a93ec608adf3

"sojus" for Nexus S 4G (d720)

Version	Download	SHA-256 Checksum
2.3.7 (GWK74)	Link (https://dl.google.com/dl/android/aosp/sojus-gwk74-factory-fe1fe884.zip)	fe1fe8846d8b8e3642a5b303cb20b9aefd6e46e9f5ad14
4.0.4 (IMM76D)	Link (https://dl.google.com/dl/android/aosp/sojus-imm76d-factory-e4190dff.zip)	e4190dff02df6cda7c4109c76ccf758071ab03f87d4872f
4.1.1 (JRO03R)	Link (https://dl.google.com/dl/android/aosp/sojus-jro03r-factory-b7868911.zip)	b78689114651587d1ff34ab4d3af9dc0885da3c6f70807

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