

Devices status

Maintained versions

Replicant 10.0

A port of Replicant to Android 10 is being worked on.

See the [PortingToAndroid10](#) wiki page for more in depth technical details and progress.

Potentially supported devices:

- The work on Replicant 10 is made with the Galaxy SIII (GT-I9300), so it should be supported.
- The Galaxy Note II (GT-N7100) is very similar to the Galaxy SIII but requires a bit more work to be supported. So they could probably be added if someone steps up to do the work.
- The Galaxy SII (GT-I9100) also seem to require a bit more work.
- The Galaxy SIII 4G (GT-I9305) and Galaxy Note II 4G (GT-N7105) could also be added if work is done to add support for their modem in Replicant.
- We don't know yet how much work is needed to add support for the other devices that are currently supported by Replicant 6.0, so we don't know yet if they will be compatible with Replicant 10 or not. We would need to find or get more information on the upstream status of these devices before having a rough idea.
- It will be easier to add support for devices using a mainline kernel, so if they meet the requirements set for Replicant 10, they could be added as well if someone steps up to do the work.

Replicant 6.0

Most problematic usability issues that need to be fixed:

- Some SIM cards are not recognized in some Replicant 6.0 versions: Between Replicant 6.0 up to Replicant 6.0 0004 RC1 and between the RC1 and the RC2, due to two completely different bugs. At the time of writing, Replicant 6.0 0004 RC1 is the only Replicant 6.0 version where it's currently fixed. It will also be fixed in the Replicant 6.0 0004 versions after RC2. See the [SIMnotRecognized](#) page for more details.
- ~~Some applications from F-droid do not run because of graphics issues.~~ This is fixed since Replicant 6.0 0004 RC1.
- In some circumstance the sound quality in calls is really bad (see the bug [#1773](#) for more details).
- Replicant 6.0 0004 RC1 doesn't boot on the Galaxy Nexus and Galaxy Tab 2 devices. Previous and next boot fine.

Most problematic Freedom issues that are being fixed:

- ~~The F-droid stock repositories are not compliant with the [GNU Free System distribution guidelines](#).~~ F-droid has been removed since Replicant 6.0 0004 RC1.
- Replicant 6.0 cannot be built with a GNU/Linux distribution that is compliant with the [GNU Free System distribution guidelines](#).
- Because Android build system didn't use a package manager, finding the license of each repository isn't trivial (bug [#1973](#)). We need to do more investigations on that, as the licenses are printed in the device information in the settings.
- Similarly we don't know the license of the Webview component as looking at the license of each repository used to build it isn't trivial (bug [#1786](#)). The licenses are also printed in the device information in the settings.

Most problematic security issues that need to be fixed:

- The last security update for Android 6 [is from October 2017](#).
- The Webview browser component is outdated and has security issues because of that (bug [#1786](#)).

Device	2D graphics	3D graphics	Audio	Telephony	Mobile data	Wi-Fi	Bluetooth	NFC	GPS	Sensors	Camera	Hardware media encoding/decoding
Galaxy S 2 (I9100)	Working, fast	Missing	Working, except Bluetooth and	Working		Missing without non-free firmwar	Working? (bug #1928)	Missing	Missing	Working	Working	Missing without non-free firmwar

Replicant 4.2

Device	2D graphics	3D graphics	Audio	Telephony	Mobile data	Wi-Fi	Bluetooth	NFC	GPS	Sensors	Camera	Hardware media encoding/decoding
Nexus S (I902x)	Working	Missing	Working	Working	Working	Missing without non-free firmwares	Missing without non-free firmwares	Working	Missing	Working	Working	Missing
Galaxy S (I9000)	Working	Missing	Working	Working	Working	Missing without non-free firmwares	Missing without non-free firmwares	N/A	Missing	Working	Working	Missing
Galaxy S 2 (I9100)	Working, fast	Missing	Working, except Bluetooth and USB audio	Working	Working	Missing without non-free firmwares	Missing without non-free firmwares	Missing	Missing	Working	Working	Missing
Galaxy Note (N7000)	Working, slow	Missing	Working, except Bluetooth and USB audio	Working	Working	Missing without non-free firmwares	Missing without non-free firmwares	Missing	Missing	Working	Working	Missing
Galaxy Nexus (I9250)	Working	Missing	Working	Working	Working	Missing without non-free firmwares	Missing without non-free firmwares	Working	Missing	Working	Missing	Missing
Galaxy Tab 2 7.0 (P31xx)	Working, fast	Missing	Working	Working	Working	Missing without non-free firmwares	Missing without non-free firmwares	N/A	Missing	Working	Missing	Missing
Galaxy Tab 2 10.1 (P51xx)	Working, slow	Missing	Working	Working	Working	Missing without non-free firmwares	Missing without non-free firmwares	N/A	Missing	Working	Missing	Missing
Galaxy S 3 (I9300)	Working	Missing	Working	Working	Working	Missing without non-free firmwares	Missing without non-free firmwares	Working	Missing	Working	Working (back) Missing without non-free firmwares (front)	Missing

Galaxy Note 2 (N7100)	Working	Missing	Working	Working	Working	Missing without non-free firmwares	Missing without non-free firmwares	Working	Missing	Working	Working (back) Missing without non-free firmwares (front)	Missing
GTA04	Working	Missing	Working	Missing	Missing	Missing without non-free firmwares	Broken	N/A	Working	Missing	Missing	Missing

Replicant 4.0

Device	2D Graphics	3D Graphics	Audio	Telephony	Mobile data	Wi-Fi	Bluetooth	GPS	Sensors	Camera	Hardware media encoding/decoding
Nexus S (I902x)	Working	Missing	Working	Working	Working	Missing without non-free firmwares	Missing without non-free firmwares	Missing	Working (light, proximity, accelerometer, gyroscope) Missing (magnetic field, orientation)	Working	Missing
Galaxy S (I9000)	Working	Missing	Working	Working	Working	Missing without non-free firmwares	Missing without non-free firmwares	Missing	Working (light, proximity, accelerometer) Missing (magnetic field, orientation)	Working	Missing
Galaxy S 2 (I9100)	Working, fast	Missing	Working, except Bluetooth and USB audio	Working	Working	Missing without non-free firmwares	Missing without non-free firmwares	Missing	Working (magnetic field is unreliable)	Working	Missing
Galaxy Note (N7000)	Working	Missing	Working, except Bluetooth and USB audio	Working	Working	Missing without non-free firmwares	Missing without non-free firmwares	Missing	Working (magnetic field is unreliable)	Working	Missing
Galaxy	Working,	Missing	Working	Working	Working	Missing	Missing	Missing	Working	Missing	Missing

Nexus (I9250)	fast					without non-free firmwares	without non-free firmwares				
Galaxy S 3 (I9300)	Working, fast	Missing	Working	Working	Working	Missing without non-free firmwares	Missing without non-free firmwares	Missing	Working	Working (back)	Missing
										Missing without non-free firmwares (front)	
Galaxy Tab 2 7.0 (P31xx)	Working, fast	Missing	Working	Working	Working	Missing without non-free firmwares	Missing without non-free firmwares	Missing	Working	Missing	Missing
Galaxy Tab 2 10.1 (P51xx)	Working	Missing	Working	Working	Working	Missing without non-free firmwares	Missing without non-free firmwares	Missing	Working	Missing	Missing

Replicant 2.3

Device	2D graphics	3D graphics	Audio	Telephony	Mobile data	Wi-Fi	Bluetooth	GPS	Sensors	Camera	Hardware media encoding/decoding
Nexus One	Working, fast	Missing	Missing without non-free firmwares	Working (calls depend on audio)	Untested	Missing without non-free firmwares	Missing without non-free firmwares	Working, without AGPS	Working (accelerometer, proximity, light) Untested (magnetometer)	Missing	Missing
Nexus S (I902x)	Working, fast	Missing	Working	Working	Working	Missing without non-free firmwares	Missing without non-free firmwares	Missing	Working (accelerometer, gyroscope, proximity, light) Missing (magnetometer)	Working (black and white preview)	Missing
GTA04	Working, fast	Missing	Working	Missing	Missing	Missing	Missing	Missing	Missing	Missing	Missing

Replicant 2.2

Device	2D graphics	3D graphics	Audio	Telephony	Mobile data	Wi-Fi	Bluetooth	GPS	Sensors	Camera	Hardware media encoding/decoding
Dream/	Working,	Missing	Working	Working	Broken	Missing	Missing	Working,	Working	Missing	Missing

Magic	fast					without non-free firmwares	without non-free firmwares	without AGPS	(accelerometer) Missing (magnetometer)		
Nexus One	Working, fast	Missing	Missing without non-free firmwares	Working (calls depend on audio)	Broken	Missing without non-free firmwares	Missing without non-free firmwares	Working, without AGPS	Working (accelerometer, proximity, light) Untested (magnetometer)	Missing	Missing