


Galaxy Tab 2 7.0 (GT-P31xx)

	Device	Galaxy Tab 2 7.0 (GT-P31xx)
	Manufacturer	Samsung
	Release date	April 2012
	Codename	espresso3g (GSM), espressowifi (Wi-Fi)
	Status	Maintained
	Variants	GSM: GT-P3100, Wi-Fi: GT-P3110, GT-P3113
	Latest images	Replicant 6.0 0003

Replicant status

Replicant status for the Galaxy Tab 2 7.0 (GT-P31xx): [ReplicantStatus Replicant 6.0](#)

Replicant installation

To install Replicant on the Galaxy Galaxy Tab 2 7.0 (GT-P31xx), see the [RecoveryInstallationWithHeimdall](#) and [MinorVersionUpgrade](#) wiki pages.

Replicant usage

- Galaxy Tab 2 7.0 (GT-P31xx) compass calibration: [GalaxyTab270P31xxCompassCalibration](#)

Replicant build

Replicant build for the Galaxy Tab 2 7.0 (GT-P31xx): [GalaxyTab2Px1xxBuild](#)

Research

Software configuration

Galaxy Tab 2 GSM (GT-P3100) partition table

- See [GalaxyTab2GTP3100PIT](#) for the PIT of a GT-P3100

PIT	Linux name	block device	mount point	partition type	Description	size or size@location for ?GiB
X-loader						
EFS		mmcblk0p1	/efs	ext4	modem data partition (content)	
SBL1		mmcblk0p2				
SBL2		mmcblk0p3				
PARAM		mmcblk0p4				
KERNEL		mmcblk0p5				
RECOVERY		mmcblk0p6				
CACHE		mmcblk0p7	/cache			
MODEM		mmcblk0p8				
FACTORYFS		mmcblk0p9	/system			

DATAFS	mmcblk0p10	/data
HIDDEN	mmcblk0p11	
GANG		
MODEM		

Freedom and privacy/security issues

- Proprietary hardware
- Proprietary firmwares, some of which have to be loaded by the system: [GalaxyTab2Px1xxLoadedFirmwares](#)
- Proprietary modem system
- Proprietary bootrom
- Proprietary and signed bootloader: [GalaxyTab270P31xxBootloader](#)

Privacy/security issues on the Galaxy Tab 2 7.0 (GT-P31xx): [GalaxyTab270P31xxPrivacySecurityIssues](#)

Files

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