




GDP Download page

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Current release: GDP 13 (Orion)

Version	Hardware	Download image & MD5 sum	Instructions
GDP 13	Software Development Environment for GDP	<i>below</i>	<p>GDP SDE Introduction</p> <p>Note that each SDE image has a dedicated SDK (compilers, libraries etc.) for every hardware. Make sure you download the appropriate image from the links below.</p>
	R-Car M3 / H3 Starter Kit (Renesas)	<p><i>With SmartDeviceLink.</i></p> <p>To build - use v13.0-SDL tag in Git, (or latest Feature branch for SDL. It may or may not be merged into Master by the time you read this)</p> <p><i>Sorry, no downloadable image - evaluation graphics drivers need to be downloaded separately - see instructions on the right -</i></p>	<ul style="list-style-type: none"> • SW build instructions • Hardware Setup <p><i>Note that the graphics drivers cannot be re-distributed. Therefore, please build GDP Master branch (or  GDP 13.0 tag) and add your own evaluation graphics drivers. All instructions are on the Hardware Setup link above.</i></p> <p>SDE has the same issue (includes the drivers that cannot be re-distributed). As of now it's hard to build on your own (instructions are within Go server) but we'd like to create a simpler way to reproduce the SDE by your own. (<i>That can only be prioritized if you can help out with this, or other things that need to get done...</i>)</p>
	Minnowboard (Intel)	<p>Minnowboard Image with SmartDeviceLink.</p> <p>Image 13.0-with-SDL (+sources, licenses and metadata)</p> <p>Compatible SDE Virtualbox image (not Chromium-based but compatible enough for most usage)</p>	 Start on GDP Master and navigate from there.
	Dragonboard (Qualcomm)	<p>Download: Dragonboard SDE Virtualbox Image</p> <ul style="list-style-type: none"> • Master build image (not including Chromium or SDL) 	 Start on GDP Master and navigate from there.

Raspberry Pi 2	<p>Download: Rpi 2 SDE Virtualbox Image</p> <ul style="list-style-type: none"> • Master build image (not including Chromium or SDL) • Image 13.0 (Includes sources, licenses and metadata) 	<p>⚠ Start on GDP Master and navigate from there.</p>
Raspberry Pi 3	<p>Download: Rpi 3 SDE Virtualbox Image</p> <ul style="list-style-type: none"> • Master build image (not including Chromium or SDL) • Image 13.0 (Includes sources, licenses and metadata) 	<p>⚠ Start on GDP Master and navigate from there.</p>
QEmu x86_64	<p>Master build image (not including Chromium or SDL)</p> <p>Kernel, and Root FS Image 13.0 (+sources, licenses and metadata)</p> <p>No SDE virtualbox image - it makes not that much sense to have a virtualbox image and it's not that easy to combine with an virtualization-accelerated KVM emulator running at the same time. Please consider contributing to native SDE instead.</p>	<p>⚠ Start on GDP Master and navigate from there.</p>

Additional Hardware

[GDP Master](#) can also be built for other hardware not offered as downloadable images

- **Freescale/NXP i.MX6 (e.g. SabreSD Board)** - (unmaintained - pending NXP input)
- **Renesas R-Car (Gen 3) M3 Salvator-X (supported via mailing list, etc.)**
- **Renesas R-Car (Gen 3) H3 Salvator-X (supported via mailing list, etc.)**

and many other Yocto BSPs (not in project, but you can try and contribute your experience)

Previous releases

GDP 12 (Nostromo)

Version	Hardware	Download image & MD5 sum	Instructions	Artifacts
GDP 12	Software Development Environment for GDP		<p>GDP SDE Introduction</p> <p>Note that each SDE image has a dedicated SDK (compilers, libraries etc.) for every hardware.</p> <p>Make sure you download the appropriate image from the links below.</p>	
	R-Car M3 Starter Kit (Renesas)		<ul style="list-style-type: none"> • SW build instructions • Hardware Setup <p>Please build GENIVI Master and add your own Evaluation Graphics Drivers according to: Instructions.</p> <p>SDE can also be built. Ask/request if you need it.</p>	

Minnowboard (Intel)	<p>Target image 4a7019c006872323eb7fa93e6378f259(!)</p> <p>SDE virtualbox image 9b65ac8aa44d1c4263c6dcdcf4857258 (corresponding source and license info)</p>	⚠ Start on GDP Master and navigate from there.	
Dragonboard (Qualcomm)	<p>Target filesystem 3e493a01947cae36a5db462dd63c257e</p> <p>SDE virtualbox image 4f371ab54b0fb76cadd53421bdfa4d39 (corresponding source and license info)</p>	⚠ Start on GDP Master and navigate from there.	
Raspberry Pi 2	<p>Target image 89577dac6bd7adc5edef2ca19cc712ed</p> <p>SDE virtualbox image 6ae874343478faa00f71a8e8fb94deb5 (corresponding source and license info)</p>	⚠ Start on GDP Master and navigate from there.	
Raspberry Pi 3	<p>Target image a299c09ce6e2af94e975c9e5c692af9f</p> <p>SDE was not released (R-Pi2 SDE should work acceptably)</p>	⚠ Start on GDP Master and navigate from there.	
QEmu x86_64	<p>Kernel image 5533b2f4494d57369154cdb56ab8f84d</p> <p>Disk image d2c78aa7917c88e604d2dbc3f475d539</p> <p>No SDE for QEMU. (Virtualization & qemu+kvm do not co-exist well. Build/run native SDK instead.)</p>	⚠ Start on GDP Master and navigate from there.	
Qt Automotive Suite Spin	TBD		

GDP 11 (Miranda)

V e r s i o n	Hardware	Download image with checksum	Instructions	Artifacts and checksums
GDP 11	Raspberry Pi 3	GDP 11 Raspberry Pi 3 gzipped SD image – Checksum: 70b92361b25dbb25b8642f28eb12899d	Raspberry Pi 2 and 3 setup and software installation	Rpi3 licenses, sources, and package manifests
	Raspberry Pi 2	GDP 11 Raspberry Pi 2 gzipped SD image – Checksum: 6b2db0fa585923e329dcac44c4199b27		Rpi2 licenses, sources, and package manifests
	Dragonboard	GDP 11 Dragonboard gzipped boot image – Checksum: 7eaf58648b63ea3ff0c99764587836e2 GDP 11 Dragonboard gzipped rootfs image – Checksum: bff0b8bdd90679cda176c197fe3fe75	Dragonboard 410c Hardware Setup and Software Installation	Dragonboard ext4 image, licenses, source, and package manifests
	Minnowboard	GDP 11 Minnowboard gzipped SD image – Checksum: de730e158c176f4549a35bcffa873bc2	Intel Minnowboard MAX/Turbot Hardware Setup and Software Installation.	Core i7 HDD image, licenses, sources, and package manifests
	Porter	Please build from source. Instructions here	Renesas R-Car M2 Porter Hardware Setup and Software Installation	N/A
	Silk	Please build from source. Instructions here	Renesas R-Car E2 Silk Hardware Set Up And Software Installation	N/A
	Qemu (x86_64)	GDP 11 Qemu (x86_64) gzipped image – Checksum: cf8a4e1e2d7329cdf5f7abb2ea34616f	QEMU x86_64 Setup and install	ext4 image, licenses, sources, and package manifests

<p>Software Development Environment for GDP</p>	<p>SDE VirtualBox Image. Select the version you need: (NOTE: These links have RC3 in their URL but they are valid for GDP 11)</p> <ul style="list-style-type: none"> • Raspberry Pi 2 and 3 • QEMU x86_64 • Intel Minnowboard • Dragonboard (pending, please request if you need it) <p>MD5 checksum files are provided in the same location.</p> <p>LOGIN: vagrant PASSWORD: vagrant</p>	<p>Install VirtualBox, unpack gdp-sdk*.tar.gz and then double-click on the .vbox file</p>	<p>Source code disclosure:</p> <ul style="list-style-type: none"> • Ubuntu system source packages MD5: 7aced4676470cc64bb3e1d49b1b03bd7 <p>(Includes the source code of the kernel and all installed Ubuntu packages. If you want it, but <u>there are better ways</u> to fetch this source code).</p> <ul style="list-style-type: none"> • GPL licensed Qt sources are on the image. • For other source code - see instructions in image.
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