

QNX Community QEMU™ Project overview#

QEMU is a generic and open source machine emulator and virtualizer.

When used as a machine emulator, QEMU can run OSes and programs made for one machine (e.g. an ARM board) on a different machine (e.g. your own PC). By using dynamic translation, it achieves very good performances.

QEMU is based on SDL (Simple [DirectMedia](#) Layer - <http://www.libsdl.org/>) that provides graphical output. In QNX you can use QEMU with SDL Photon or XFree86/X.Org build.

System requirements#

- OS: QNX Neutrino 6.3.0 and higher
- Processor: x86 family 500 MHz and faster
- Memory: > 256 Mb
- Video adapter: with 2D graphic acceleration in Photon support

Sound card (to listen sounds from guest machine) and CD/DVD drive to install OSes from optical.

Resources#

To download latest build of QEMU you should go to Project Downloads page. You can also get an old build at <http://community.qnx.com/sf/wiki/do/viewAttachment/projects.qemu/wiki/NeutrinoAsHostForQEMU/qemu-0.9.0-qnx.tar.gz>.

QEMU is based on SDL library but you don't need it because in svn builds SDL 1.2.13 is linked statically with QEMU.

Links#

- QEMU official page - <http://fabrice.bellard.free.fr/qemu>
- QEMU documentation - <http://fabrice.bellard.free.fr/qemu/user-doc.html>
- QEMU on Wikipedia - <http://en.wikipedia.org/wiki/QEMU>

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