

# Qemu for Mac M1

## installation de Qemu :

```
brew install knazarov/qemu-virgl/qemu-virgl
```

## Création du dossier et téléchargement de l'archive pour ArchLinux :

```
mkdir  
archlinuxKDE  
  
cd archlinuxKDE  
curl -L https://github.com/m-bers/Arch-Linux-Arm-M1/releases/latest/download/archlinux.tar.gz  
| tar xzf -
```

## Lancement de la machine Qemu pour l'installation :

```
sudo qemu-system-aarch64 -L ~/bin/qemu/share/qemu  
\  
-smp 8 \  
-machine virt,accel=hvf,highmem=off \  
-cpu cortex-a72 -m 4096 \  
-drive "if=pflash,media=disk,id=drive0,file=flash0.img,cache=writethrough,format=raw"  
\  
-drive "if=pflash,media=disk,id=drive1,file=flash1.img,cache=writethrough,format=raw"
```

```

\
    -drive
"if=virtio,media=disk,id=drive2,file=archlinux.qcow2,cache=writethrough,format=qcow2" \
    -device virtio-net-pci,netdev=net \
    -netdev user,id=net,ipv6=off \
    -device virtio-rng-device -device virtio-balloon-device -device virtio-keyboard-device
\
    -device virtio-mouse-device -device virtio-serial-device -device virtio-tablet-device
\
    -object cryptodev-backend-builtin,id=cryptodev0 \
    -device virtio-crypto-pci,id=crypto0,cryptodev=cryptodev0 \
    -nographic

```

## Dans la machine virtuelle :

se connecter en root :

```
user : root:root
```

```

pacman-key --init
pacman-key --populate archlinuxarm
pacman -Suy
pacman -S nano git

```

editer le fichier pacman.conf et modifier :

```

Color
ParallelDownloads = 8
Modifier la langue :
nano /etc/locale.gen
locale-gen
echo "LANG=fr_FR.UTF-8" >> /etc/locale.conf

```

## Installation de endeavouros :

```

git clone https://github.com/endeavouros-arm/install-script.git
cd install-script
chmod 777 endeavour-ARM-install-V2.6.sh
./endeavour-ARM-install-V2.6.sh

```

```

nano run.sh
==== ajouter ceci ====
sudo /opt/homebrew/Cellar/qemu/6.2.0_1/bin/qemu-system-aarch64 \
[]-smp 8 \
[]-machine virt,accel=hvf,highmem=off \
[]-cpu cortex-a72 -m 4096 \
[]-drive "if=pflash,media=disk,id=drive0,file=flash0.img,cache=writethrough,format=raw" \
[]-drive "if=pflash,media=disk,id=drive1,file=flash1.img,cache=writethrough,format=raw" \
[]-drive "if=virtio,media=disk,id=drive2,file=archlinux.qcow2,cache=writethrough,format=qcow2" \
    -device virtio-net-pci,netdev=net \
    -netdev user,id=net,ipv6=off \
    -device intel-hda -device hda-output \
    -device qemu-xhci \
    -device usb-kbd \
    -device virtio-mouse-pci \
    -device virtio-tablet-pci \
[]-object cryptodev-backend-builtin,id=cryptodev0 \
[]-device virtio-crypto-pci,id=crypto0,cryptodev=cryptodev0 \
    -display cocoa,show-cursor=on \
[]-device virtio-gpu-pci

=====

chmod +x run.sh

```

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Révision #4

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