

Auto login on HDMI console

- Create a folder `/etc/systemd/system/getty@tty1.service.d`
- Create a file `/etc/systemd/system/getty@tty1.service.d/override.conf`
- Open the file with your favorite editor and add this and save.

```
[Service]
ExecStart=
ExecStart=-/sbin/agetty --noissue --autologin root %I $TERM
Type=idle
```

- Reboot your system.

Disable screen blank

Using the following instruction, you can disable screen blank.

```
$ setterm -blank -powerdown -powersave off
```

If you want to set it permanently, please add **consoleblank=0** in **bootargs** of `boot.ini`. Open `/media/boot.ini` with your favorite editor and add this in the following line.

```
# Boot Args
setenv bootargs "root=UUID=e139ce78-9841-40fe-8823-96a304a09859 rootwait rw
${condev} ${amlogic} no_console_suspend fsck.repair=yes net.ifnam
es=0 elevator=noop hdmimode=${hdmimode} cvbsmode=576cvbs
max_freq_a53=${max_freq_a53} max_freq_a73=${max_freq_a73} maxcpus=${maxcpus}
voutmod
e=${voutmode} ${cmode} disablehpd=${disablehpd} cvbscable=${cvbscable}
overscan=${overscan} consoleblank=0"
```

How to play 4K videos on the command line

There are two video players.

kplayer was ported from Amlogic Buildroot BSP.

c2play was ported from [Crashoverride](#)

```
kplayer /media/usb/video/sintel-4096x1744-cfg02_h.265.mkv
```

or

```
c2play /media/usb/video/sintel-4096x1744-cfg02_h.265.mkv
```

How to start your application software automatically

Open **/etc/rc.local** with your favorite editor and add your application with full path just before **exit 0**. This example shows how to start PPSSPP emulator automatically.

```
/root/ppsspp/PPSSPPSDL &
```

How to change the sound output path

The default sound output is mapped to the HDMI audio. To change it to the on-board DAC, you have run this command.

[PulseAudio](#) configuration with `pacmd`? or `pactl`?

Or, `alsa` mixer? This link must be helpful.

[how-do-you-set-a-default-audio-output-device-in-ubuntu-18-04](#)

If SDL/PPSSPP doesn't work after system update?

You can fix the problem with the following commands for reinstalling broken Mali GPU driver

```
dpkg -i /root/debs/*.deb  
/root/mali/install.sh
```

How to install Mate Desktop on the minimal image

```
apt install -y ubuntu-mate-desktop
```

- If Mate desktop panel disappeared, run “`mate-panel -replace`” on CLI.
- To run Chromium, you have to add a generic user.

An Alternative Way

```
apt install tasksel  
tasksel install ubuntu-mate-desktop
```

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