

# Silent Grub

```
vi /etc/default/grub
```

```
GRUB_DEFAULT=0
#GRUB_HIDDEN_TIMEOUT=0
GRUB_HIDDEN_TIMEOUT_QUIET=true
GRUB_TIMEOUT=0
GRUB_DISTRIBUTOR=`lsb_release -i -s 2> /dev/null || echo Debian`
GRUB_CMDLINE_LINUX_DEFAULT="quiet splash vga=current loglevel=0
rd.systemd.show_status=false rd.udev.log_priority=3
vt.global_cursor_default=0"
#/sys/class/drm/card0-DP-1/edid
#GRUB_CMDLINE_LINUX_DEFAULT="quiet splash video=DP-1:1920x1080@60D
drm_kms_helper.edid_firmware=DP-1:edid/edid.bin"
GRUB_CMDLINE_LINUX="quiet splash vga=current loglevel=0
rd.systemd.show_status=false rd.udev.log_priority=3
vt.global_cursor_default=0"
#GRUB_GFXPAYLOAD_LINUX=auto
GRUB_TERMINAL=console
#GRUB_GFXMODE="1920x1080x32"
#GRUB_GFXMODE=1920x1080,1024x768x32,auto
GRUB_GFXPAYLOAD_LINUX="keep"
GRUB_DISABLE_OS_PROBER=true
# The resolution used on graphical terminal
# note that you can use only modes which your graphic card supports via VBE
# you can see them in real GRUB with the command `vbeinfo'
#GRUB_GFXMODE=1920x1080
#640x480
```

GRUB\_GFXPAYLOAD\_LINUX="keep" - keeps the resolution and avoids plymouth flickering  
GRUB\_CMDLINE\_LINUX="quiet" - lowers log level and boot output GRUB\_CMDLINE\_LINUX="splash" - shows plymouth splash screen/animation if installed GRUB\_CMDLINE\_LINUX="vga=current" - keeps current vga resolution - other values in table below GRUB\_CMDLINE\_LINUX="loglevel=0 rd.systemd.show\_status=false rd.udev.log\_priority=3" - lowers loglevel even further than quiet GRUB\_CMDLINE\_LINUX="vt.global\_cursor\_default=0" - disable blinking cursor

```
sudo update-grub
```

After a boot entry has been selected in GRUB2, for a short time (1-2 sec) another screen is displayed which shows:

```
Loading linux...
Loading initial ramdisk ...
```

To suppress this output, edit /etc/grub.d/10\_linux

```
quiet_boot=0
and comment out all instances of:
```

```
# if [ x"$quiet_boot" = x0 ] || [ x"$type" != xsimple ]; then
#   message="$(gettext_printf "Loading Linux %s ..." "${version}")"
#   sed "s/^\$submenu_indentation/" << EOF
#     echo      '$(echo "$message" | grub_quote)'
#EOF
# fi

then
sudo update-grub
```

Available VGA Modes:

Color bits	Colors	640×480	800×600	1024×768	1280×1024	1400×1050	1600×1200
8 bits	256 colors	769	771	773			
15 bits	32,768 colors	784	787	790			
16 bits	65,536 colors	785	788	791	794	834	
24 bits	16,777,216 colors	786	789	792			

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