NAME
grub-install – install GRUB to a device

SYNOPSIS
grub-install [*OPTION* ...] [*OPTION*] [*INSTALL_DEVICE*]

DESCRIPTION
Install GRUB on your drive.

−−compress=*no*|xz|gz|lzo
>   compress GRUB files [optional]

−−disable−shim−lock
>   disable shim_lock verifier

−−dtb=*FILE*
>   embed a specific DTB

−d, **−−directory**=*DIR*
>   use images and modules under DIR [default=/usr/lib/grub/<platform>]

−−fonts=*FONTS*
>   install FONTS [default=unicode]

−−install−modules=*MODULES*
>   install only MODULES and their dependencies [default=all]

−k, **−−pubkey**=*FILE*
>   embed FILE as public key for signature checking

−−locale−directory=*DIR* use translations under DIR
>   [default=/usr/share/locale]

−−locales=*LOCALES*
>   install only LOCALES [default=all]

−−modules=*MODULES*
>   pre−load specified modules MODULES

−−sbat=*FILE*
>   SBAT metadata

−−themes=*THEMES*
>   install THEMES [default=starfield]

−v, **−−verbose**
>   print verbose messages.

−−allow−floppy
>   make the drive also bootable as floppy (default for fdX devices). May break on some BIOSes.

−−boot−directory=*DIR*
>   install GRUB images under the directory DIR/grub instead of the boot/grub directory

−−bootloader−id=*ID*
>   the ID of bootloader. This option is only available on EFI and Macs.

−−core−compress=*xz*|none|auto
>   choose the compression to use for core image

−−disk−module=*MODULE*
>   disk module to use (biosdisk or native). This option is only available on BIOS target.

−−efi−directory=*DIR*
>   use DIR as the EFI System Partition root.

−−force
     install even if problems are detected

−−force−file−id
     use identifier file even if UUID is available

−−label−bgcolor=*COLOR*
     use COLOR for label background

−−label−color=*COLOR*
     use COLOR for label

−−label−font=*FILE*
     use FILE as font for label

−−macppc−directory=*DIR* use DIR for PPC MAC install.

−−no−bootsector
     do not install bootsector

−−no−extra−removable
     Do not install bootloader code to the removable media path. This option is only available on EFI.

−−no−nvram
     don't update the 'boot−device'/'Boot*' NVRAM variables. This option is only available on EFI and IEEE1275 targets.

−−no−rs−codes
     Do not apply any reed−solomon codes when embedding core.img. This option is only available on x86 BIOS targets.

−−no−uefi−secure−boot
     do not install an image usable with UEFI Secure Boot, even if the system was currently started using it. This option is only available on EFI.

−−product−version=*STRING*
     use STRING as product version

−−recheck
     delete device map if it already exists

−−removable
     the installation device is removable. This option is only available on EFI.

−s, −−skip−fs−probe
     do not probe for filesystems in DEVICE

−−target=*TARGET*
     install GRUB for TARGET platform [default=i386−pc]; available targets: arm−coreboot, arm−efi, arm−uboot, arm64−efi, i386−coreboot, i386−efi, i386−ieee1275, i386−multiboot, i386−pc, i386−qemu, i386−xen, i386−xen_pvh, ia64−efi, mips−arc, mips−qemu_mips, mipsel−arc, mipsel−loongson, mipsel−qemu_mips, powerpc−ieee1275, riscv32−efi, riscv64−efi, sparc64−ieee1275, x86_64−efi, x86_64−xen

−−uefi−secure−boot
     install an image usable with UEFI Secure Boot. This option is only available on EFI and if the grub−efi−amd64−signed package is installed.

−?, −−help
     give this help list

−−usage
     give a short usage message

−V, **−−version**
    print program version

Mandatory or optional arguments to long options are also mandatory or optional for any corresponding short options.

INSTALL_DEVICE must be system device filename. grub−install copies GRUB images into boot/grub. On some platforms, it may also install GRUB into the boot sector.

REPORTING BUGS
Report bugs to <bug−grub@gnu.org>.

SEE ALSO
grub-mkconfig(8), **grub-mkimage**(1), **grub-mkrescue**(1)

The full documentation for **grub-install** is maintained as a Texinfo manual. If the **info** and **grub-install** programs are properly installed at your site, the command

    info grub-install

should give you access to the complete manual.