

Systemd-boot

UEFI



- ESP 512MB 1GB
 - Systemd-boot Kernel ESP
- UEFI BIOS CSM BIOS
- Linux Systemd init daemon



chroot ESP ESP Linux
/boot /efi

```
sudo bootctl install # sudo root sudo
```

Systemd ESP UEFI

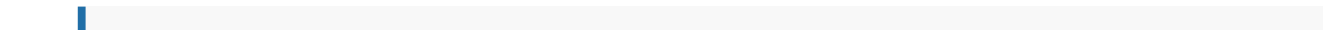
ArchWiki

ESP /boot

Windows 100MB ESP

"Linux extended boot"

ArchWiki



In other cases, it is recommended to set the partition type to **Extended Boot Loader (XBOOTLDR)** Partition which is GPT partition type GUID **BC13C2FF-59E6-4262-A352-B275FD6F7172** (ea00 type for gdisk) or MBR partition type ID **ea**.

||||| /boot | /efi |||||

```
sudo bootctl --esp-path=/efi --boot-path=/boot install
```

|||||

|| Cmdline| Kernel Parameter|

||||| /etc/kernel/cmdline |||||

```
sudo kernel-install add-all
```

||||| Kernel ||||| Systemd-boot ||||| Cmdline |||