

???? IOMMU ????

?? ME mini/pro BIOS ????????IOMMU?????? OS ?????????? "IOMMU ????"??



???

1. ???? SSH ??????????? SSH ??????????




```
Windows PowerShell
GNU nano 7.2 /etc/default/grub
# If you change this file, run 'update-grub' afterwards to update
# /boot/grub/grub.cfg.
# For full documentation of the options in this file, see:
# info -f grub -n 'Simple configuration'

GRUB_DEFAULT="gnulinux-6.12.18-trim-advanced-4f22d11e-dfd2-44f9-8366-4bbf92926ba2"
GRUB_TIMEOUT=5
GRUB_DISTRIBUTOR="FNOS"
GRUB_CMDLINE_LINUX_DEFAULT="quiet splash intel_iommu=on"
GRUB_CMDLINE_LINUX="modprobe.blacklist=pcspkr pcie_aspm=off"

# If your computer has multiple operating systems installed, then you
# probably want to run os-prober. However, if your computer is a host
# for guest OSes installed via LVM or raw disk devices, running
# os-prober can cause damage to those guest OSes as it mounts
# filesystems to look for things.
#GRUB_DISABLE_OS_PROBER=false

# Uncomment to enable BadRAM filtering, modify to suit your needs
# This works with Linux (no patch required) and with any kernel that obtains
# the memory map information from GRUB (GNU Mach, kernel of FreeBSD ...)
#GRUB_BADRAM="0x01234567,0xfefefefe,0x89abcdef,0xefefefef"

# Uncomment to disable graphical terminal
GRUB_TERMINAL=console
GRUB_GFXPAYLOAD_LINUX=text

[ Wrote 39 lines ]
^G Help      ^O Write Out  ^W Where Is   ^K Cut        ^T Execute    ^C Location   M-U Undo       M-A Set Mark
^X Exit      ^R Read File  ^N Replace    ^U Paste      ^J Justify    ^_ Go To Line  M-E Redo       M-G Copy
```

4. ?????? `Ctrl+X`?? `y` ??????

5. ????????

```
update-grub
update-initramfs -u -k all
reboot
```

```
root@lk:~# nano /etc/default/grub
root@lk:~# update-grub
Generating grub configuration file ...
Found linux image: /boot/vmlinuz-6.18.18-trim
Found initrd image: /boot/initrd.img-6.18.18-trim
Found linux image: /boot/vmlinuz-6.12.18-trim
Found initrd image: /boot/initrd.img-6.12.18-trim
Warning: os-prober will not be executed to detect other bootable partitions.
Systems on them will not be added to the GRUB boot configuration.
Check GRUB_DISABLE_OS_PROBER documentation entry.
Adding boot menu entry for UEFI Firmware Settings ...
done
root@lk:~# update-initramfs -u -k all
update-initramfs: Generating /boot/initrd.img-6.18.18-trim
W: Possible missing firmware /lib/firmware/amd/amd_sev_fam19h_model1xh.sbin for module ccp
W: Possible missing firmware /lib/firmware/amd/amd_sev_fam19h_model0xh.sbin for module ccp
W: Possible missing firmware /lib/firmware/amd/amd_sev_fam17h_model3xh.sbin for module ccp
W: Possible missing firmware /lib/firmware/amd/amd_sev_fam17h_model0xh.sbin for module ccp
update-initramfs: Generating /boot/initrd.img-6.12.18-trim
root@lk:~# reboot
```

6. ?????????? IOMMU ?????



???

- ?????????????? SSH?????????
- ??????????????????????????

Revision #1

Created 11 May 2026 08:36:07 by xiaoshao

Updated 11 May 2026 08:41:03 by xiaoshao