



IMPORTANT

- ⚡ If you want to install O.S with IDERAID function, you must create three IDERAID floppies under Free BSD O.S first.
- ⚡ If you don't install FreeBSD O.S yet, please install FreeBSD O.S on normal IDE connector, then you can make floppy under FreeBSD.

1.To create install floppies procedure

- 1) Install FreeBSD O.S firstly then reboot system to the FreeBSD mode
- 2) Place Promise IDERAID driver CD into CD-ROM
- 3) Type the command to mount CD-ROM ? `#mount -t cd9660 /dev /acd0c /cdrom?`
- 4) Type the command to copy Promise IDERAID driver to the /tmp route ? `#cp -r /cdrom/purca/drivers/onboard_raid/freebsd/ft45/install_floppies /tmp?`
- 5) Change the directory to /tmp, the command is ? `#cd /tmp?`
- 6) Create Disk1, please input new diskette into the floppy device, then type the command ? `#dd if=kernel.flp of=/dev/fd0?`
- 7) Create Disk2, please input new diskette into the floppy device, then type the command? `#dd if=mfsroot.flp of=/dev/fd0?`
- 8) Create Disk3, please input new diskette into the floppy device, then type the command? `#dformat /dev/fd0.1720?`
`? #dd if=inst-kern.flp of=/dev/fd0.1720?`
`? #fsck /dev/fd0.1720?`

2.Connecting the HDD into IDERAID connector and start to install FreeBSD with IDERAID function

- 1) Using Disk1 (Kernel.flp) to boot the system
- 2) Using Disk2 (mfsroot.flp) to load MFS (root) into HDD, after you put the floppy into floppy device and press "Enter", then press "blank" (any key) at once to enter the loader.
- 3) Firstly, type the command ? `load ft?` , secondly, type the command? `boot?` to load Promise FastTrak IDERAID driver.
- 4) Start to install FreeBSD system.
- 5) Before restart system, insert Disk3 (instkern.flp) into the floppy device. Then press Alt + F4 to the tty4 mode.
- 6) Type the command to install Kernel and Promise FastTrak IDERAID driver.
`? mkdir /root/mnt?`
`? mount /dev/fd0.1720 /root/mnt?`
`? cp /root/mnt/install /root?`
`? /root/install?`
- 7) Following the instruction to install driver
- 8) Press Alt + F1, then restart the system.
- 9) To install FreeBSD with Promise IDERAID in PURCA completely.