

Installations

- [Gentoo on PB-Club with Cyrix II-300 and 256M RAM](#)

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Linux-Hardware Probe:

<https://linux-hardware.org/?probe=e4035a3519>

Mainboard/Chipset:


<https://theretroweb.com/motherboards/s/biostar-m5sib>

Fetch-Output:

```
setinum@pb-club ~ $ neofetch
setinum@pb-club
-----
OS: Gentoo Linux i686
Kernel: 6.6.35-gentoo-dist
Uptime: 7 mins
Packages: 372 (emerge)
Shell: bash 5.2.26
Terminal: /dev/pts/2
CPU: M II 3x Core/Bus Clock (1) @ 225MHz
GPU: 00:14.0 Silicon Integrated Systems [SiS] 5597/5598/6326 VGA
Memory: 45MiB / 224MiB

```

```
setinum@pb-club ~ $ uwufetch
setinum@pb-club
OWOS      Gent0w0
MOWODEL   SiS-5598-W877F
KEWNEl    Linuwu 6.6.35-gentoo-dist i686
CPUWU     M II 3x Cowe/Bus Clock
MEMOWY    42 MiB/224 MiB
SHEWW     /bin/bash
PKGS      372: 372 (emerge)
UWUPTIME  7m
```



Install with i686-stage3:

<https://wiki.gentoo.org/wiki/Handbook:X86/Installation/About>

Relevant config files:

/etc/portage/make.conf

```
COMMON_FLAGS="-O2 -march=pentiumpro -mtune=generic -mbranch-cost=3 -mmmx -mno-accumulate-
outgoing-args -mno-sahf -pipe"
CFLAGS="${COMMON_FLAGS}"
CXXFLAGS="${COMMON_FLAGS}"
FCFLAGS="${COMMON_FLAGS}"
FFLAGS="${COMMON_FLAGS}"

# NOTE: This stage was built with the bindist USE flag enabled

# This sets the language of build output to English.
# Please keep this setting intact when reporting bugs.
LC_MESSAGES=C.utf8
USE="-kde -qt4 -qt5 -ffmpeg -mp3 -alsa"

GENTOO_MIRRORS="https://mirror.eu.oneandone.net/linux/distributions/gentoo/gentoo/ \
http://ftp.agdsn.de/gentoo \
https://ftp.spline.inf.fu-berlin.de/mirrors/gentoo/"
```

/etc/portage/package.use/00cpu-flags

```
*/* CPU_FLAGS_X86: mmx
```

/etc/lilo.conf

```
lba32
boot = /dev/sda
prompt
delay = 50
image = /boot/kernel-6.6.35-gentoo-dist
        initrd = /boot/initramfs-6.6.35-gentoo-dist.img
        label = Gentoo
        append="root=UUID=a6520f0e-39ff-43c6-997f-301b287f9d90 rootfstype=ext4"
        read-write
```