

NAME

pnpbios - support for embedded devices on the motherboard

DESCRIPTION

The **pnpbios** driver enumerates embedded ISA devices on the motherboard whose BIOS supports "Plug and Play BIOS Specification". It assigns ISA bus resources (interrupt line, DMA channel, I/O ports, and memory region) to each device and activates it.

If it cannot assign necessary resources to a device without causing conflict with other devices in the system, the device will not be activated and will be unavailable to programs.

SEE ALSO

pnnp(4)

STANDARDS

Compaq, Phenix, and Intel, *Plug and Play BIOS Specification Version 1.0A*, May 5, 1994.

Compaq, Phenix, and Intel, *Plug and Play BIOS CLARIFICATION Paper for Plug and Play BIOS Specification Version 1.0A*, October 6, 1994.

HISTORY

The **pnpbios** driver first appeared in FreeBSD 4.0.

AUTHORS

The **pnpbios** driver was written by Mike Smith.

CAVEATS

There is no explicit way to disable individual embedded devices. The **pnpbios** driver will find all devices reported by the "Plug and Play (PnP)" BIOS and try to activate them all.

There is no way to explicitly assign particular resource to a device. The resource assignment is fully automatic and there is no provision for manual override.