

**NAME**

**bhnd** - Broadcom Home Networking Division interconnect bus

**SYNOPSIS**

To compile this driver into the kernel, add the following lines to the kernel configuration file:

```
device bhnd
```

To load the driver as a module at boot, add this line to loader.conf(5):

```
bhnd_load="YES"
```

**DESCRIPTION**

The **bhnd** driver provides a unified kernel bus interface to the on-chip interconnects used in Broadcom Home Networking Division (HND) devices.

The Broadcom HND device family consists of SoCs (System On a Chip) and host-connected chipsets based on a common library of Broadcom IP cores connected via an internal hardware bus architecture. Drivers for these cores are implemented against the unified **bhnd** interface.

The Sonic Inc. Silicon Backplane used in earlier HND devices is supported by the siba(4) BHND driver.

The ARM AMBA-based interconnect used in later HND devices is supported by the bcma(4) BHND driver.

**SEE ALSO**

bcma(4), bhndb(4), intro(4), siba(4)

**HISTORY**

The **bhnd** device driver first appeared in FreeBSD 11.0.

**AUTHORS**

The **bhnd** driver was written by Landon Fuller <landonf@FreeBSD.org>.