

NAME

isci - Intel C600 Serial Attached SCSI driver

SYNOPSIS

To compile this driver into your kernel, place the following lines in your kernel configuration file:

```
device scbus
device isci
```

Or, to load the driver as a module at boot, place the following line in loader.conf(5):

```
isci_load="YES"
```

HARDWARE

The **isci** driver provides support for Intel C600 SAS controllers.

CONFIGURATION

To force legacy interrupts for all **isci** driver instances, set the following tunable value in loader.conf(5):

```
hw.isci.force_legacy_interrupts=1
```

DEBUGGING

To enable debugging prints from the **isci** driver, set the

```
hw.isci.debug_level
```

variable to a value between 1 and 4 in loader.conf(5).

The hardware layer in the **isci** driver has extensive logging capabilities which are disabled by default for performance reasons. These can be enabled by adding

```
options ISCI_LOGGING
```

to the kernel configuration file.

SEE ALSO

cd(4), ch(4), da(4), pci(4), sa(4), scsi(4)

HISTORY

The **isci** driver first appeared in FreeBSD 8.3 and 9.1.

AUTHORS

The **isci** driver was developed by Intel and originally written by Jim Harris <jimharris@FreeBSD.org> with contributions from Sohaib Ahsan and input from Scott Long <scottl@FreeBSD.org>.

This man page was written by Jim Harris <jimharris@FreeBSD.org>.