

NAME

smartpqi - Microchip Smart Storage SCSI driver

SYNOPSIS

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

```
device pci
device scbus
device smartpqi
```

The driver can be loaded as a module at boot time by placing this line in loader.conf(5):

```
smartpqi_load="YES"
```

DESCRIPTION

The **smartpqi** driver provides support for Microchip Technology Inc. / Adaptec SmartRaid and SmartHBA SATA/SAS/NVME PCIe controllers

HARDWARE

Controllers supported by the **smartpqi** driver include, but not limited to:

- HPE Gen10 Smart Array Controller Family
- Adaptec SmartRaid and SmartHBA Controllers
- OEM Controllers based on the Microchip Technology Inc. SmartROC and SmartIOC Chipsets

FILES

/dev/smartpqi? smartpqi management interface

NOTES**Configuration**

To configure a Microchip Smart Storage controller, refer to the User Guide for the controller, which can be found by searching for the specific controller at <https://www.microchip.com/design-centers/storage>

SEE ALSO

kld(4), linux(4), pass(4), scsi(4), xpt(4), loader.conf(5), camcontrol(8), kldload(8)

HISTORY

The **smartpqi** driver first appeared in FreeBSD 11.1.

AUTHORS

John Hall <john.hall@microchip.com>

BUGS

The controller is not actually paused on suspend/resume.