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FreeBSD: Get / Read Hard Disk Temperature using smartd tools

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Q. How do I read my hard disk temperature using smartool under FreeBSD operating system?   FreeBSD. [1]

A. smartd is a daemon that monitors the Self-Monitoring, Analysis and Reporting Technology (SMART) system built into many ATA-3 and later ATA, IDE and SCSI-3 hard drives. The purpose of SMART is to monitor the reliability of the hard drive and predict drive failures, and to carry out different types of drive self-tests.

You need to use smartctl command to Control and Monitor Utility for SMART Disks.

Install smartctl / smartd

Use FreeBSD ports system:

```
# cd /usr/ports/sysutils/smartmontools
# make install clean
```

Make sure your hard disk support SMART monitoring:

```
# smartctl -i /dev/ad0
```

To see temperature, enter:

```
# smartctl -d ata -A /dev/ad0 | grep -i temperature
```

See also:

=> Monitoring hard disk health with smartd under Linux or UNIX operating systems
=> smartctl man page

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