

Kernel driver max6620

Supported chips:

Maxim MAX6620

Prefix: 'max6620'

Addresses scanned: none

Datasheet: <http://pdfserv.maxim-ic.com/en/ds/MAX6620.pdf>

Authors:

- L. Grunenberg <contact@lgrunenberg.de>
- Cumulus Networks <support@cumulusnetworks.com>
- Shuotian Cheng <shuche@microsoft.com>
- Arun Saravanan Balachandran <Arun_Saravanan_Balac@dell.com>

Description

This driver implements support for Maxim MAX6620 fan controller.

The driver configures the fan controller in RPM mode. To give the readings more range or accuracy, the desired value can be set by a programmable register (1, 2, 4, 8, 16 or 32). Set higher values for larger speeds.

The driver provides the following sensor access in sysfs:

fan[1-4]_alarm	ro	Fan alarm.
fan[1-4]_div	rw	Sets the nominal RPM range of the fan. Valid values are 1, 2, 4, 8, 16 and 32.
fan[1-4]_input	ro	Fan speed in RPM.
fan[1-4]_target	rw	Desired fan speed in RPM.

Usage notes

This driver does not auto-detect devices. You will have to instantiate the devices explicitly. Please see [Documentation/i2c/instantiating-devices.rst](#) for details.