Kernel driver i2c-nforce2

Supported adapters:
  * nForce2 MCP   10de:0064
  * nForce2 Ultra 400 MCP   10de:0084
  * nForce3 Pro150 MCP   10de:00D4
  * nForce3 250Gb MCP   10de:00E4
  * nForce4 MCP   10de:0052
  * nForce4 MCP-04   10de:0034
  * nForce MCP51   10de:0264
  * nForce MCP55   10de:0368
  * nForce MCP61   10de:03EB
  * nForce MCP65   10de:0446
  * nForce MCP67   10de:0542
  * nForce MCP73   10de:07D8
  * nForce MCP78S   10de:0752
  * nForce MCP79   10de:0AA2

Datasheet: not publicly available, but seems to be similar to the
           AMD-8111 SMBus 2.0 adapter.

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Description
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i2c-nforce2 is a driver for the SMBuses included in the nVidia nForce2 MCP.

If your 'lspci -v' listing shows something like the following,

00:01.1 SMBus: nVidia Corporation: Unknown device 0064 (rev a2)
        Subsystem: Asustek Computer, Inc.: Unknown device 0c11
        Flags: 66Mhz, fast devsel, IRQ 5
        I/O ports at c000 [size=32]
        Capabilities: <available only to root>

then this driver should support the SMBuses of your motherboard.

Notes

The SMBus adapter in the nForce2 chipset seems to be very similar to the
SMBus 2.0 adapter in the AMD-8111 south bridge. However, I could only get
the driver to work with direct I/O access, which is different to the EC
interface of the AMD-8111. Tested on Asus A7N8X. The ACPI DSDT table of the
Asus A7N8X lists two SMBuses, both of which are supported by this driver.