

# dell

## perccli

download from <https://www.dell.com/support/home/us/en/04/drivers/driversdetails?driverid=f48c2>

```
cd /opt
tar xvf perccli_7.1-007.0127_linux.tar.gz
cd Linux
sudo apt-get install alien
alien -k perccli-007.0127.0000.0000-1.noarch.rpm
dpkg -i perccli_007.0127.0000.0000-1_all.deb
```

## megaraid

vedere <https://blog.frehi.be/2011/09/12/megacli-useful-commands/>

```
apt install -y gnupg

wget -O - https://hwraid.le-vert.net/debian/hwraid.le-vert.net.gpg.key |
sudo apt-key add -
echo "deb http://hwraid.le-vert.net/ubuntu xenial main" | sudo tee -a
/etc/apt/sources.list.d/hwraid.list
apt update
apt install -y megacli
```

raid controller log

```
megacli -FwTermLog -Dsply -aALL > raid_log.txt
```

summary

```
megacli -ShowSummary -aALL | less
```

show failed disks

```
megacli -ShowSummary -aALL | grep State
megacli -AdpEventLog -GetEvents -critical -a0
```

# Info Battery

```
megacli -AdpBbuCmd -aALL
```

## SSD settings

- disable read ahead on read cache
- enable write through on write

## upgrade firmware Perc

```
apt install -y rpm
wget
https://downloads.dell.com/FOLDER01002136M/1/SAS-RAID_Firmware_F96NR_LN_6.3.3-0002_X00.BIN
bash SAS-RAID_Firmware_F96NR_LN_6.3.3-0002_X00.BIN --extract perc6e_fw
megacli -adpflash -f perc6e_fw/payload/FW1371iI.rom -aAll
```

## upgrade firmware BIOS

```
wget https://downloads.dell.com/FOLDER05012856M/1/BIOS_0F4YY_LN_6.6.0.BIN
chmod +x BIOS_0F4YY_LN_6.6.0.BIN
./BIOS_0F4YY_LN_6.6.0.BIN
```

From:  
<https://wiki.csgalileo.org/> - Galileo Labs

Permanent link:  
<https://wiki.csgalileo.org/tips/hw/dell?rev=1551182075>

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