

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

Install on Ubuntu 22.04

```
apt install libncurses5
curl -L
"https://github.com/matveynator/sysadminscripts/raw/main/debian/megacli_8.07
.14-2_all.deb" > \
    /tmp/megacli_8.07.14-2_all.deb; dpkg -i
/tmp/megacli_8.07.14-2_all.deb;
ln -s /opt/MegaRAID/MegaCli/MegaCli64 /usr/bin/megacli
```

vecchie macchine

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

```
add-apt-repository universe  
apt-get update  
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

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