

dell

megaraid

```
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 megaraid
```

raid controller log

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

summary

```
megaraid -ShowSummary -aALL | less
```

show failed disks

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

Info Battery

```
megaraid -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
```

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