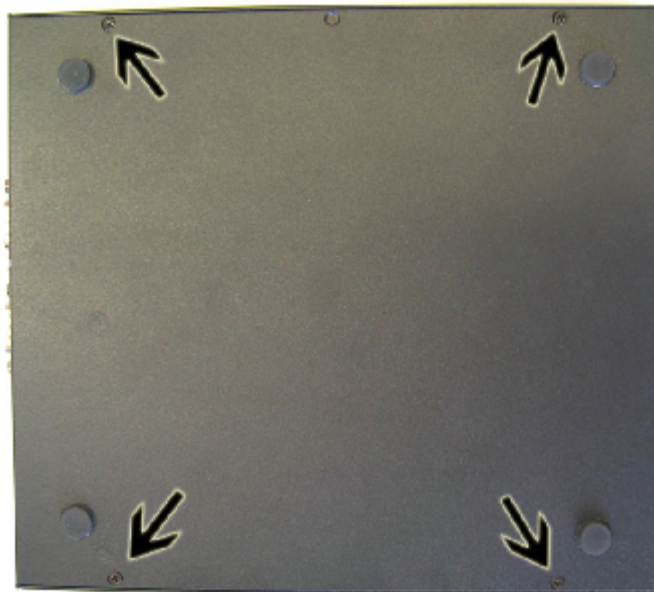
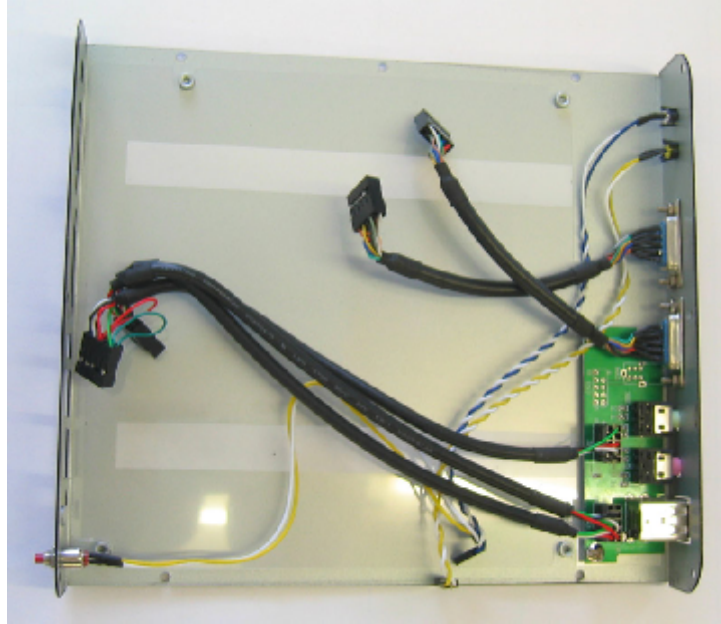


## Assembling Tutorial: CarTFT HAHE-FC + Intel D945GSEJT

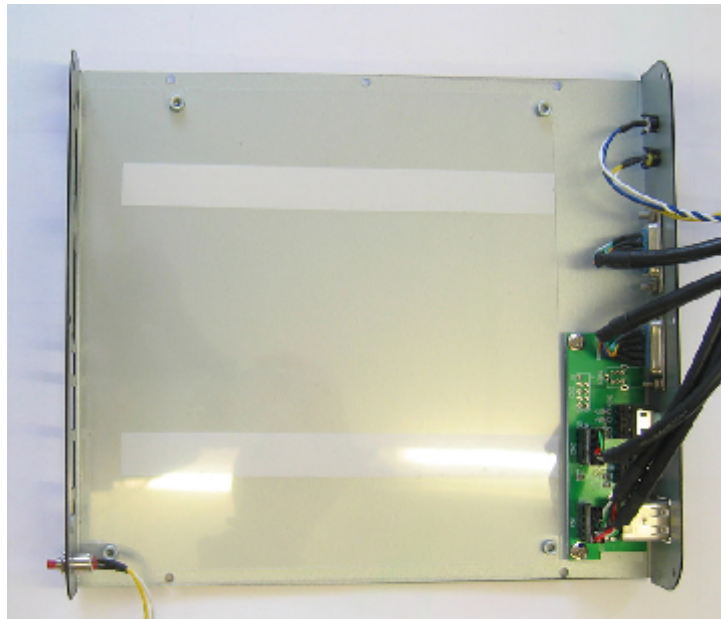
Remove all the marked screws of the enclosure



Remove the top of the enclosure. You have to pull it upwards.



Put the cables from the inside of the enclosure to the outside.

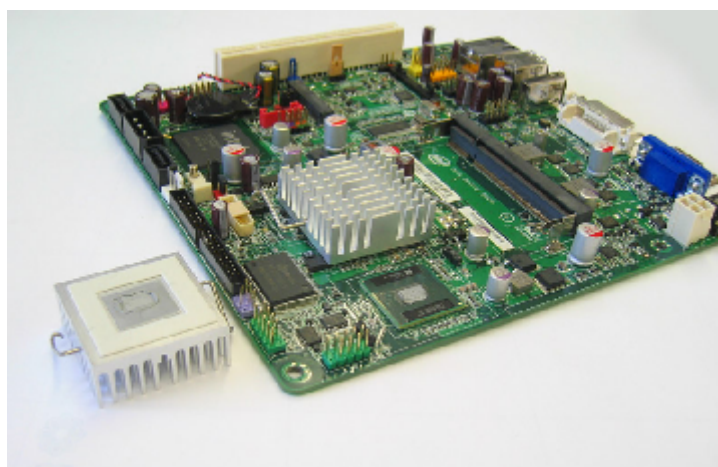
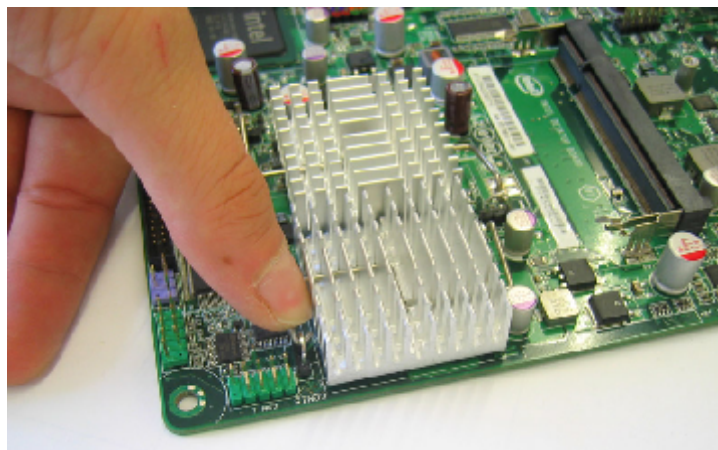
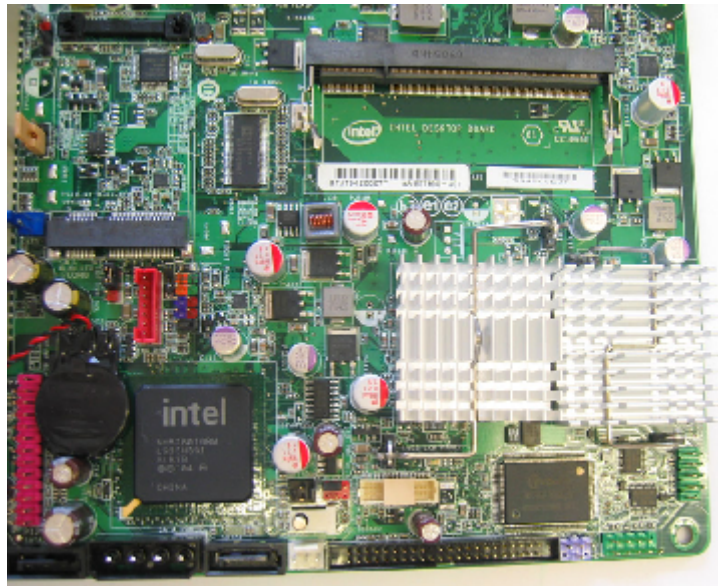


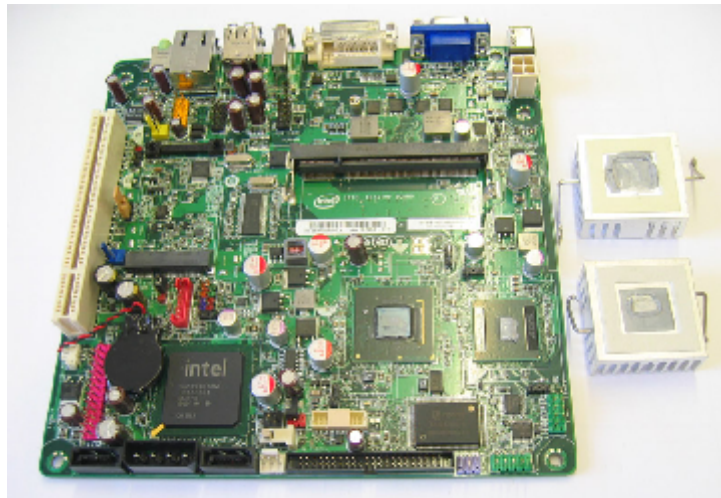
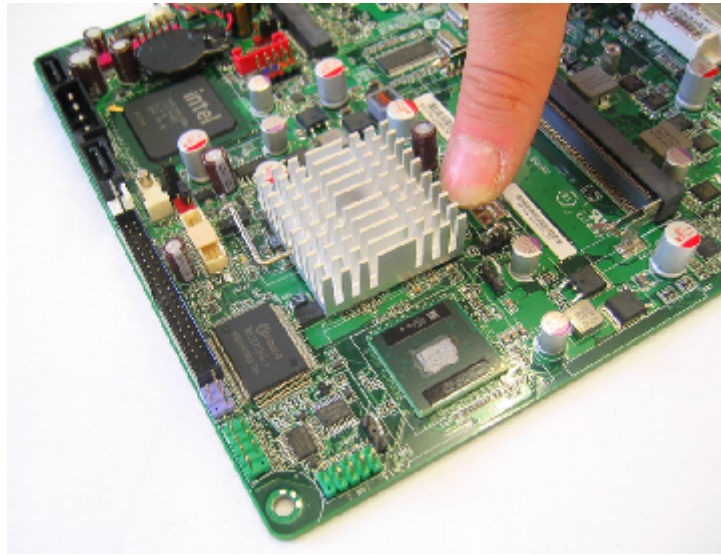
Before you can fix the mainboard into the enclosure, you have to remove the two cooling units from the Mainboard.,

Press the cooling clip (as seen on the picture) downwards and out of the latch.

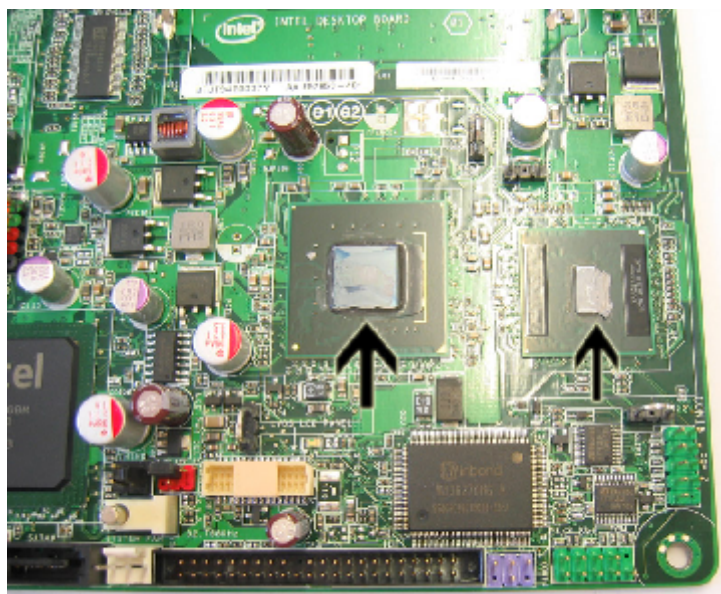
Do it again on the second cooling unit.

(Keep it well, please don't throw the cooling units away.)



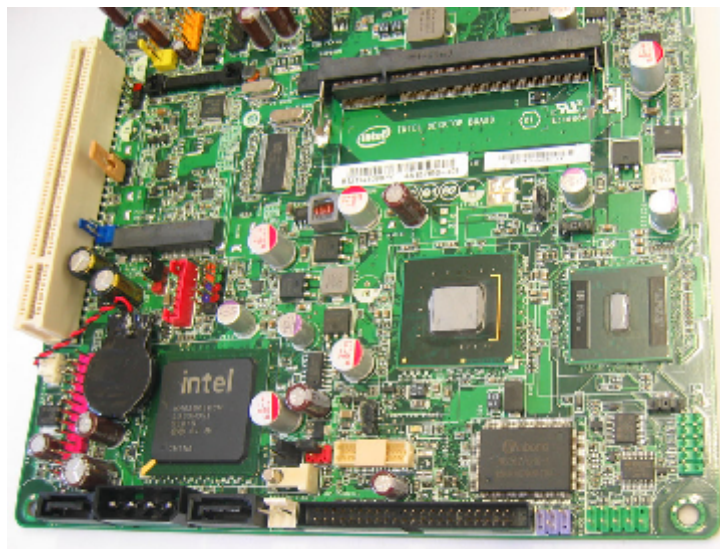
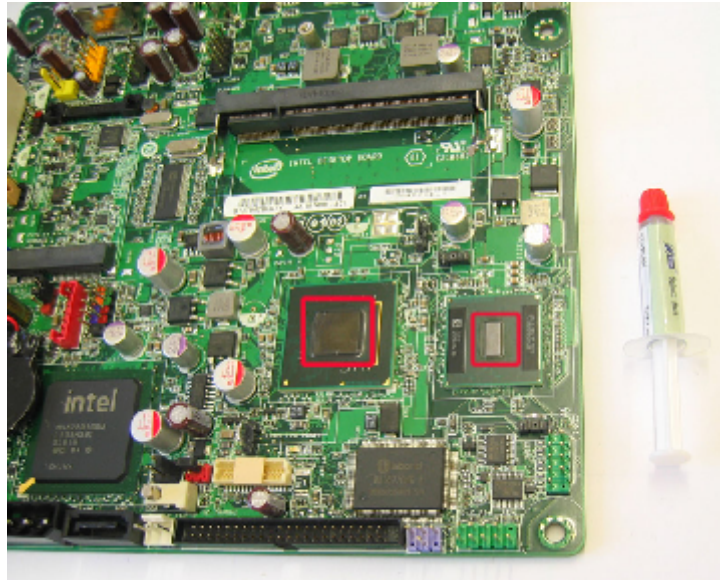


Clean the rest of the cooling paste from the chips

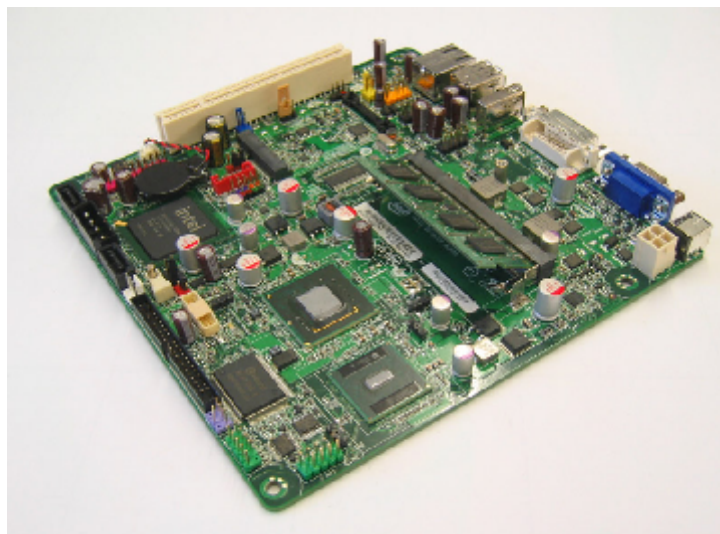


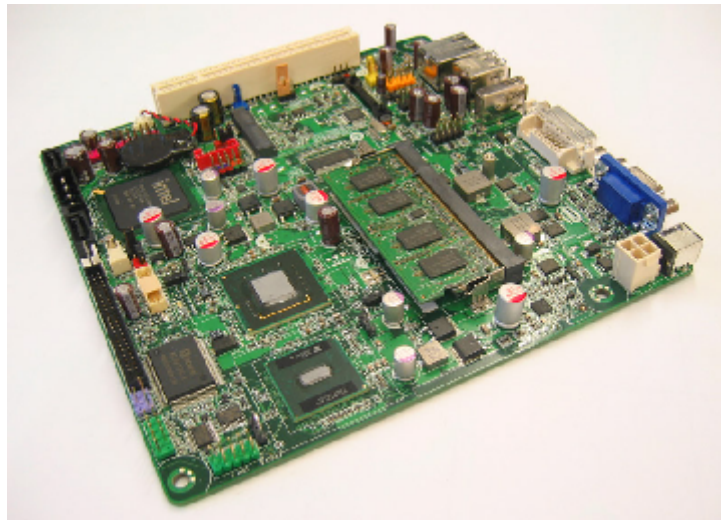
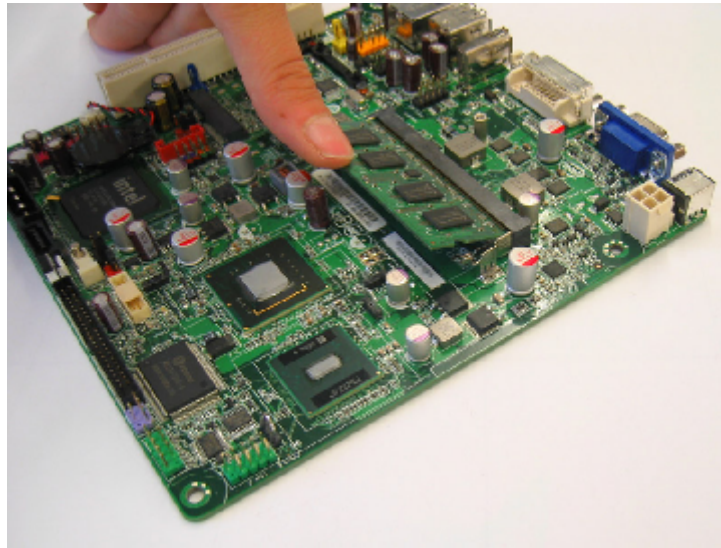


Bring on a new, slim layer with cooling paste on the graphic chip and the CPU. (Cooling paste is included)

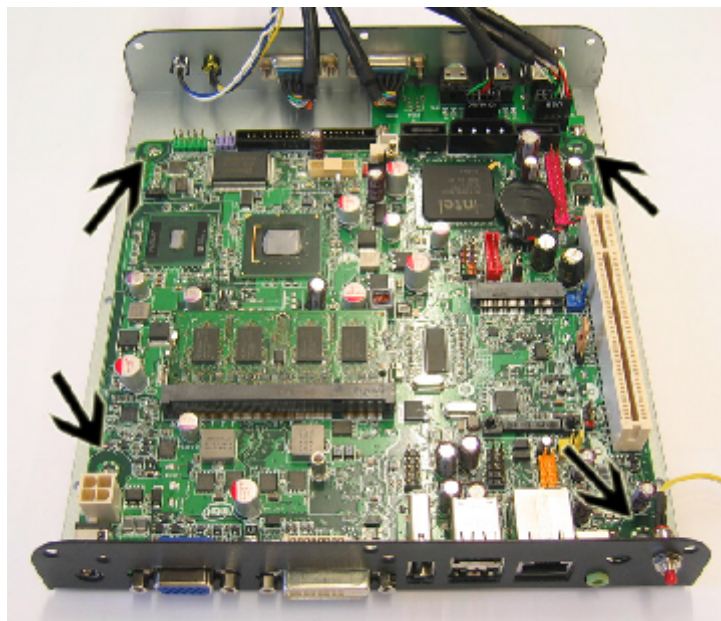


Place the RAM to the slot and push it down till the RAM is engaged.



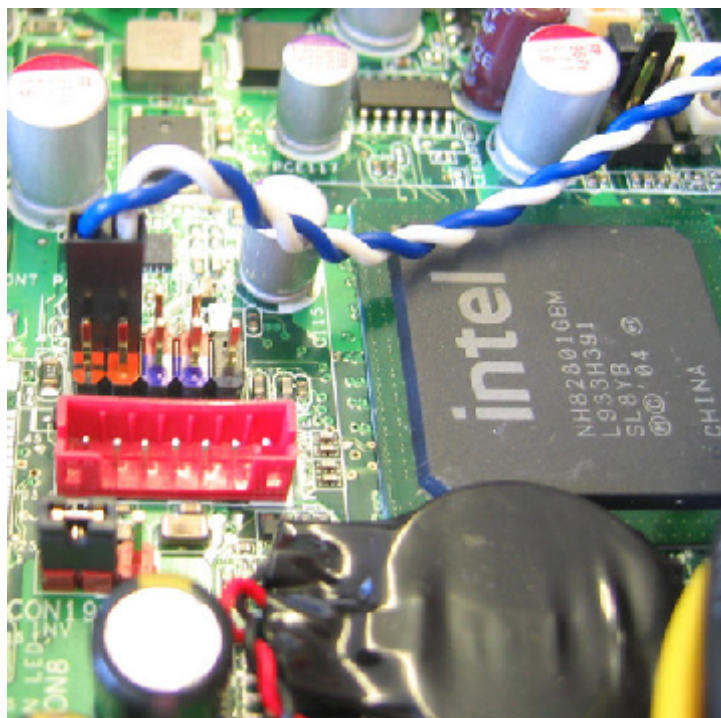


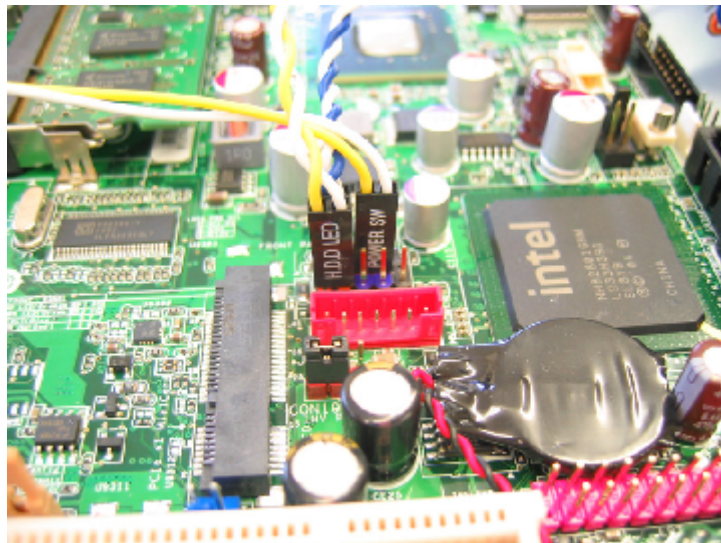
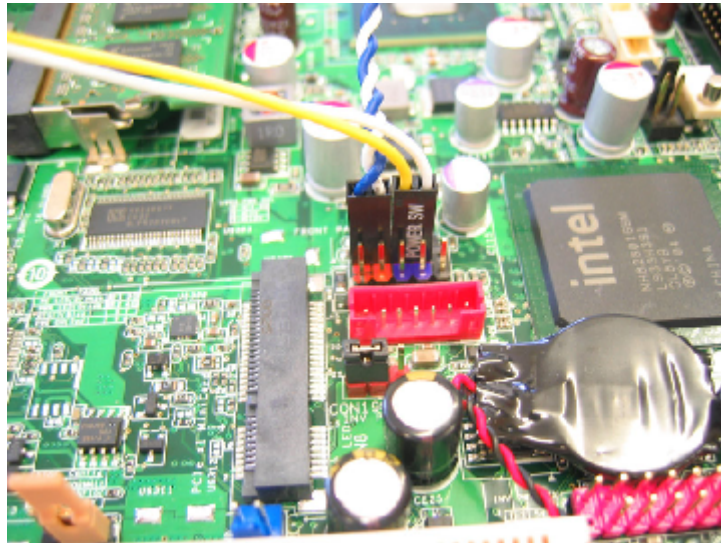
Now, you can bring up the mainboard to the enclosure and fix it with the included screws.





Connect the cables „POWER LED“, „POWER SW“ and “HDD LED”



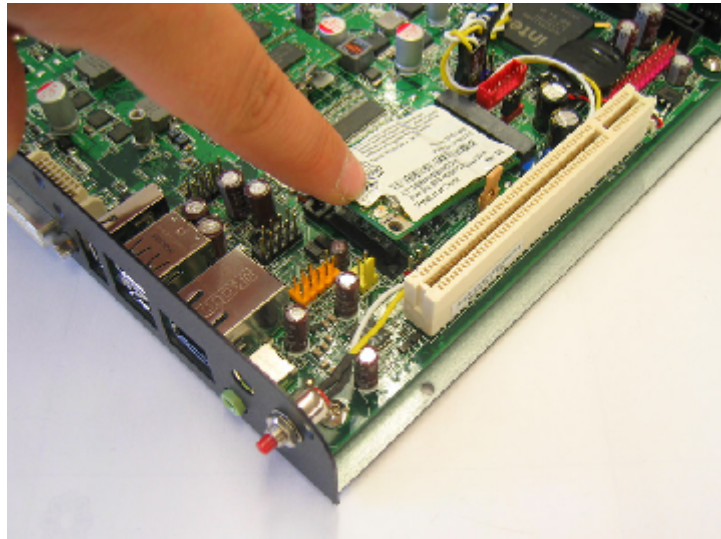


If you have ordered the additional Wireless LAN Mini-PCI Express Card, Please connect it as follow:

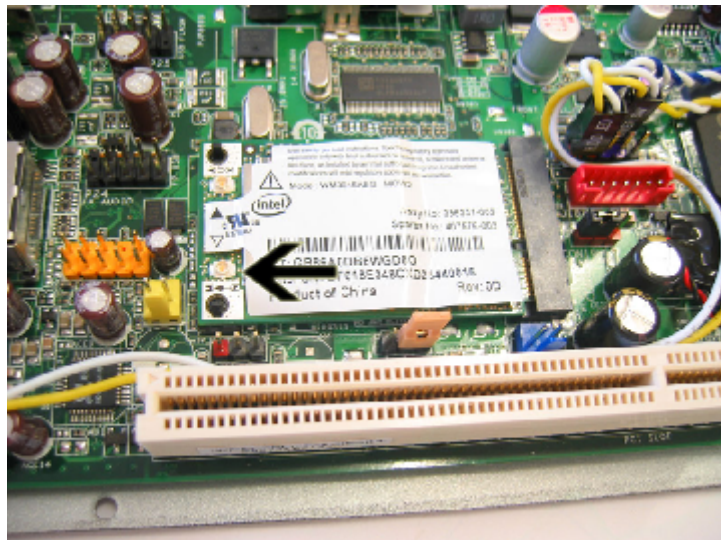


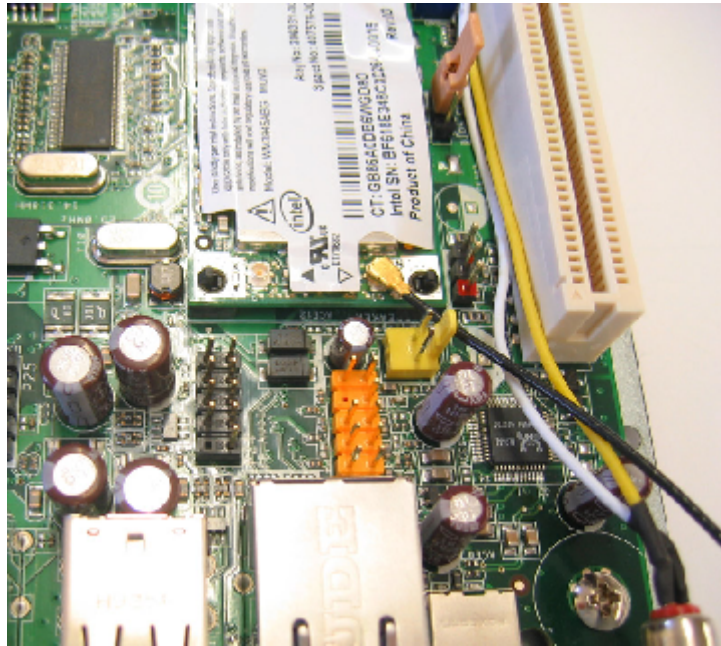
Place the Wireless LAN Mini-PCI Express Card to the slot and push it down till the Card is engaged.



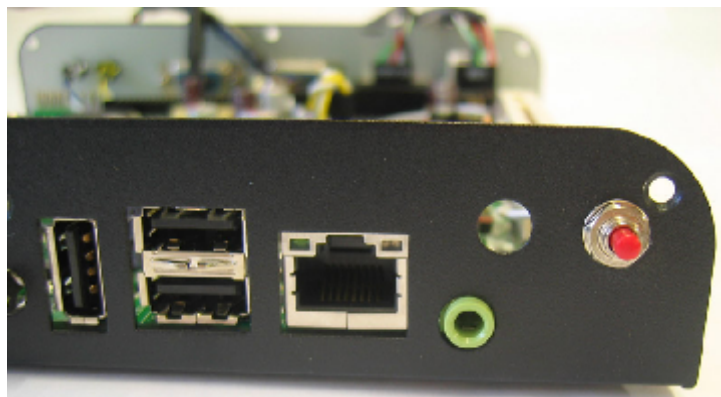


Connect the Antenna on the „MAIN“ Slot

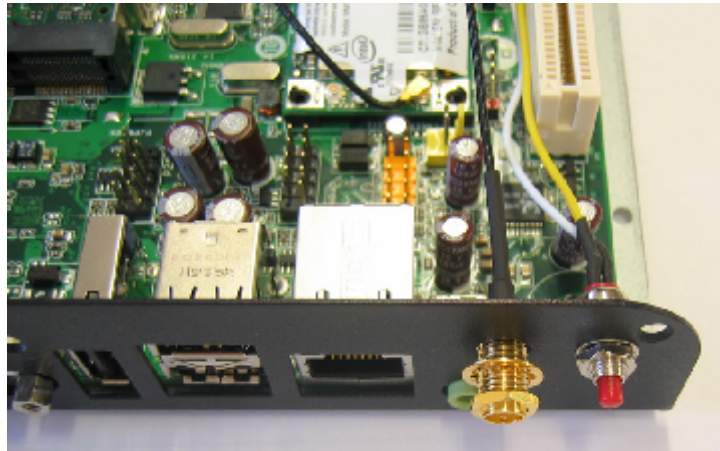




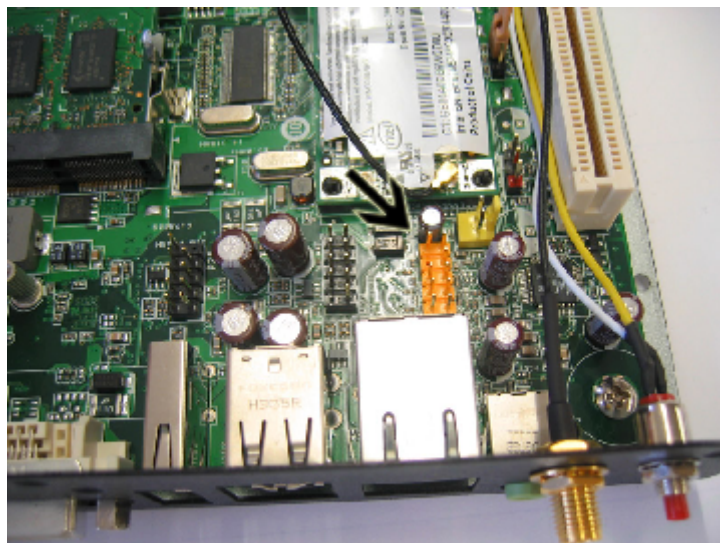
You have to remove the small metal plate, to bring the Antenna Cable at the outside of the enclosure

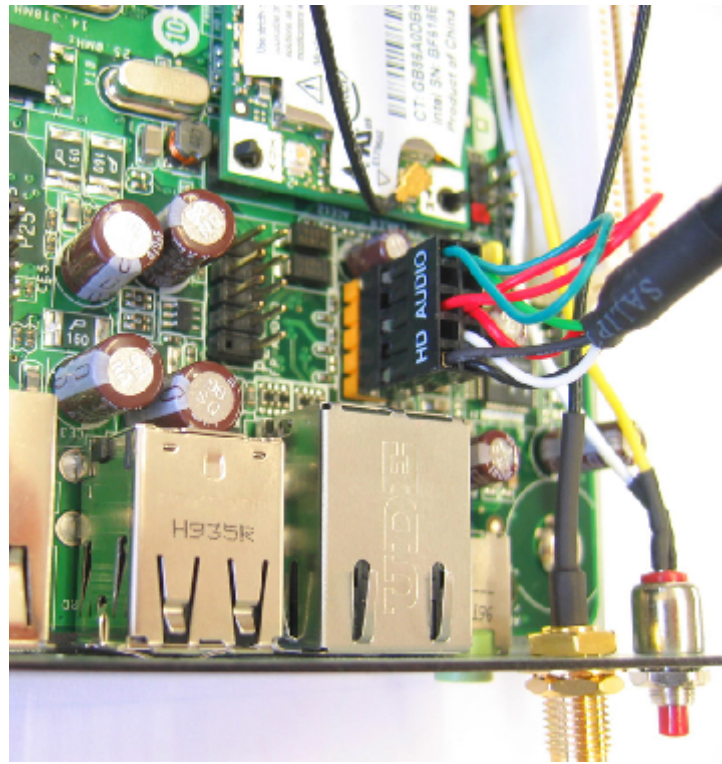


Fix the Antenna Cable to the Enclosure

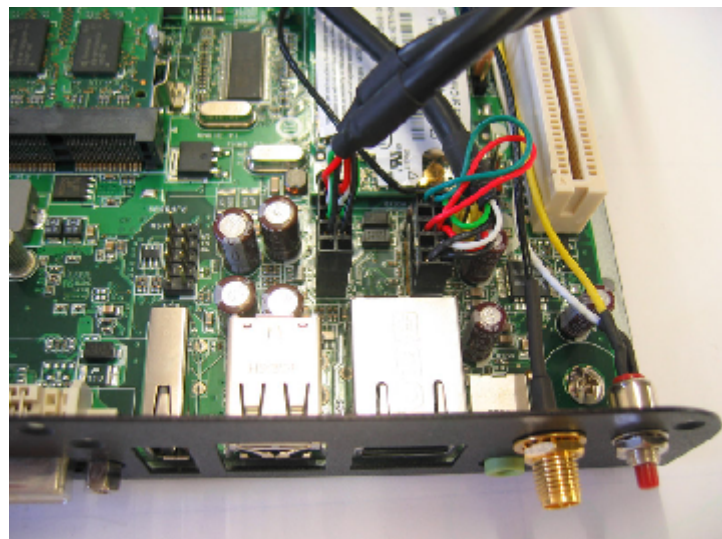


Connect the cable to HD AUDIO

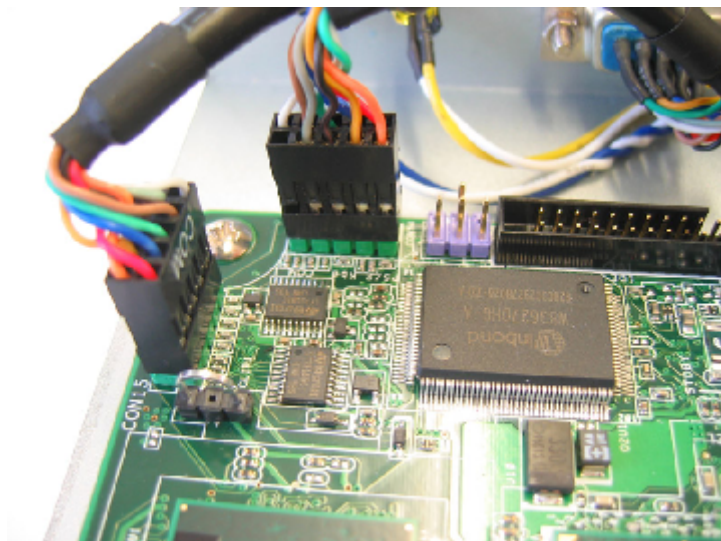
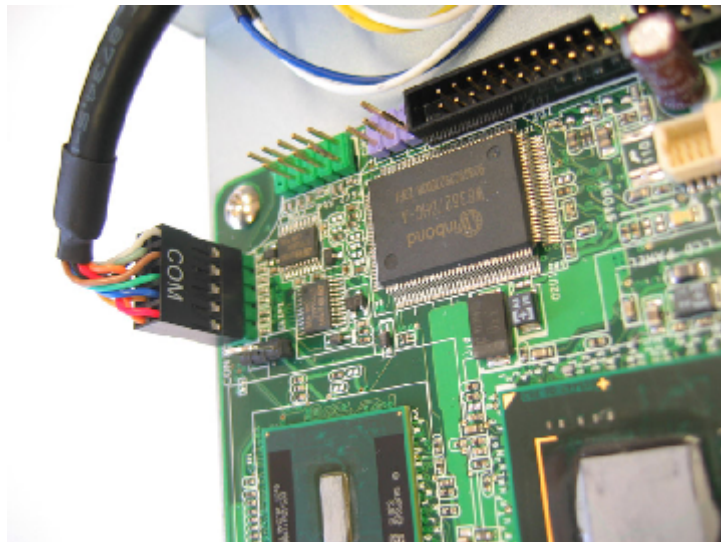
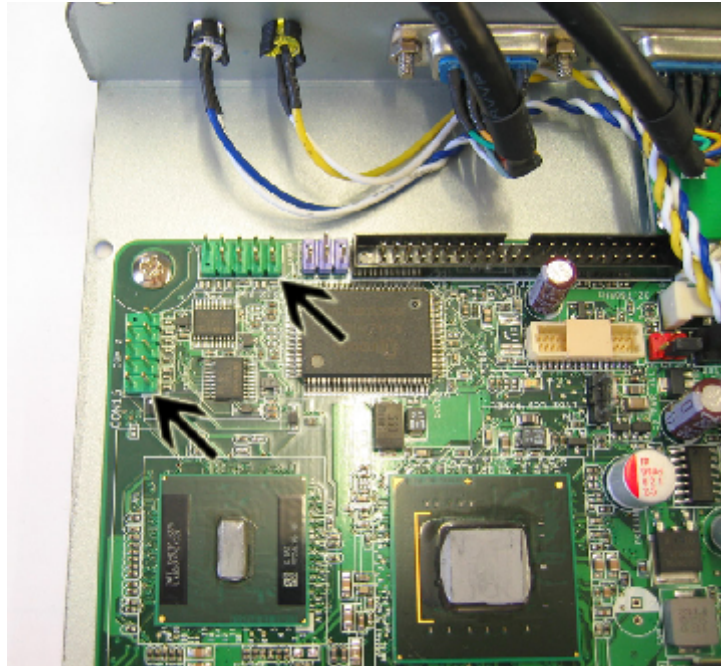




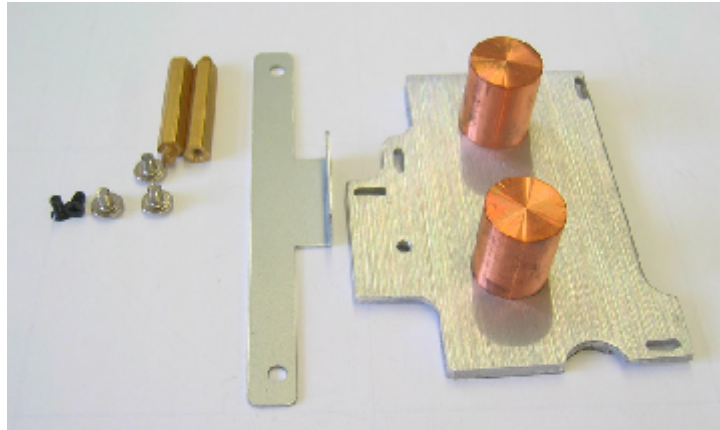
Connect the USB Ports



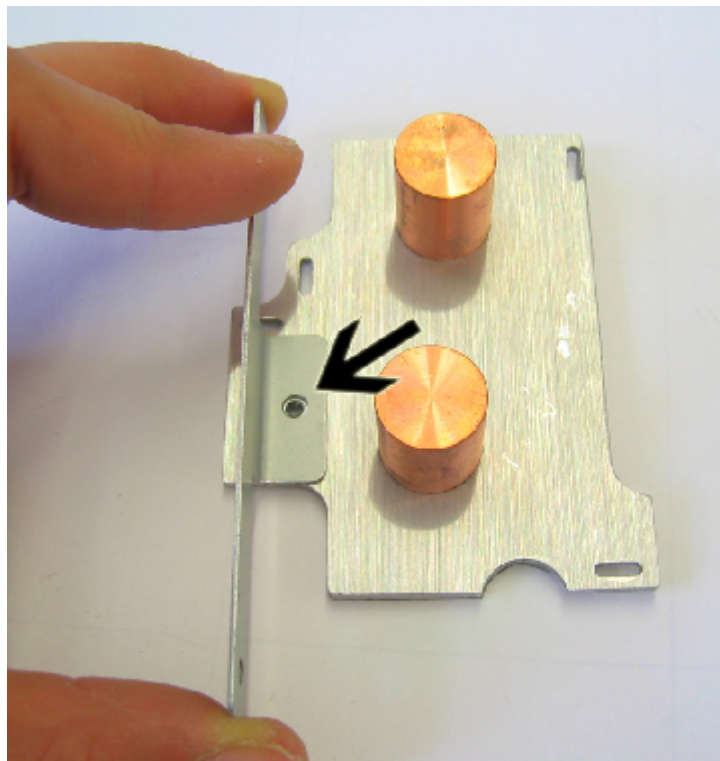
Connect the cables for the COM Ports

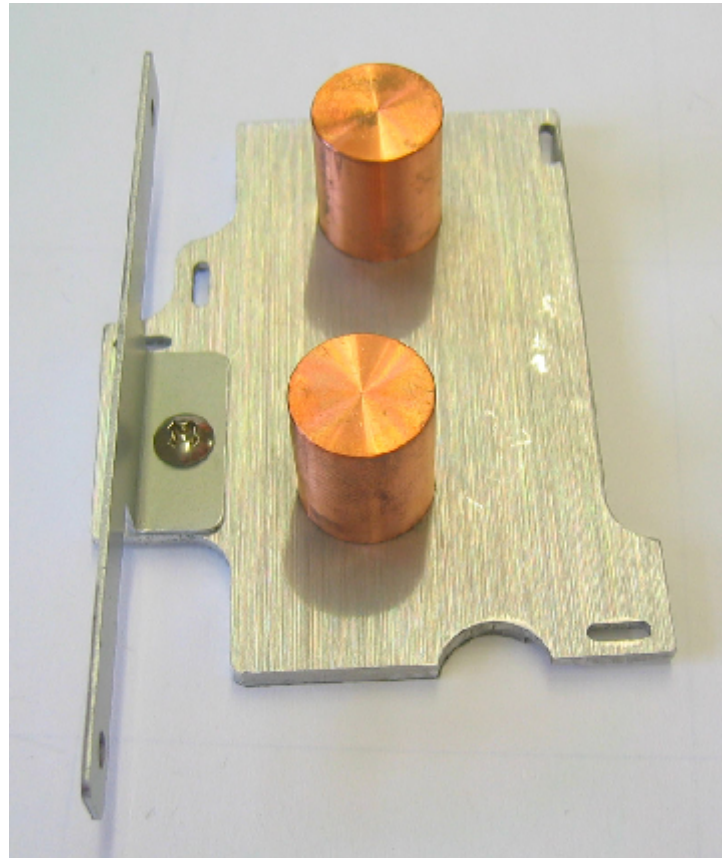


Take the shown parts and your hard drive



Fix the Hard drive mounting plate with a screw on the cooling unit





Mount the Hard drive





If everything was assembled, mount the hard drive on the mainboard





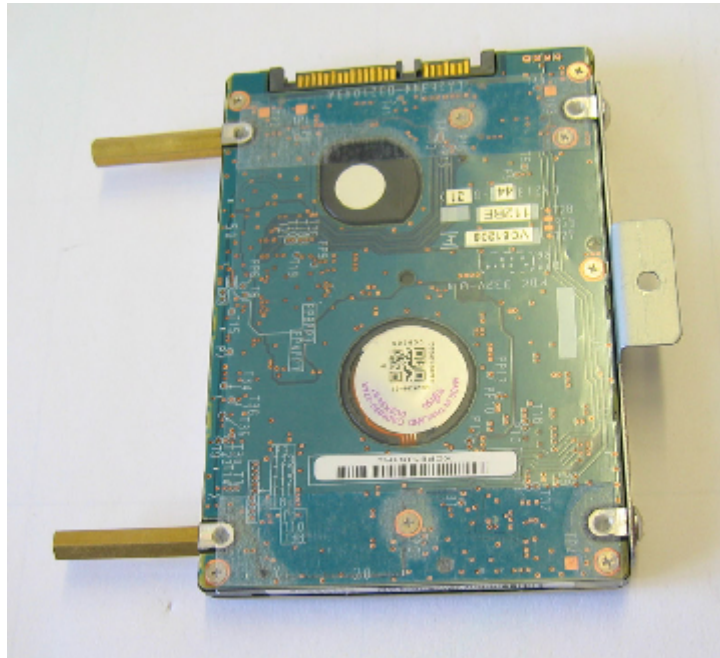
Take the two black Screws and mount the Hard drive at the enclosure.



**NOTE:** If you use a Solid State Drive (SSD) you do not need the thermal conduction pad and the following Step.

Remove the Foil with the two stripes and attach it (only the foil) on the underside of the hard drive





Mount the Hard drive, as shown earlier



Remove the foil from the other side of the thermal conduction pad and bring it onto the hard drive

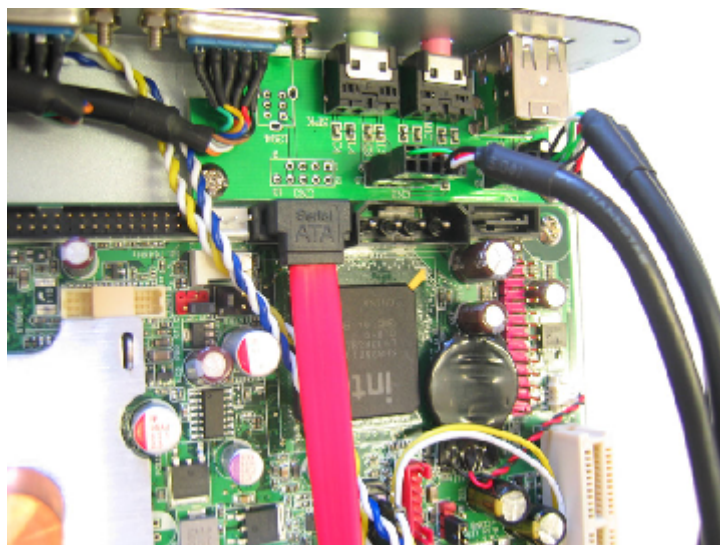
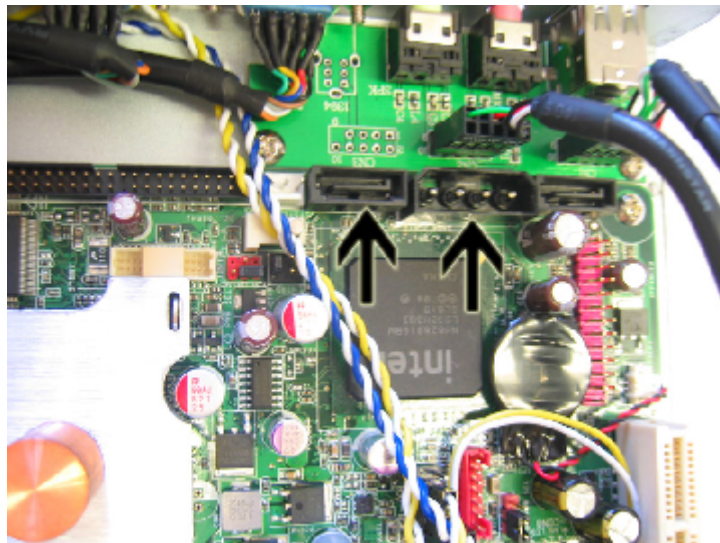
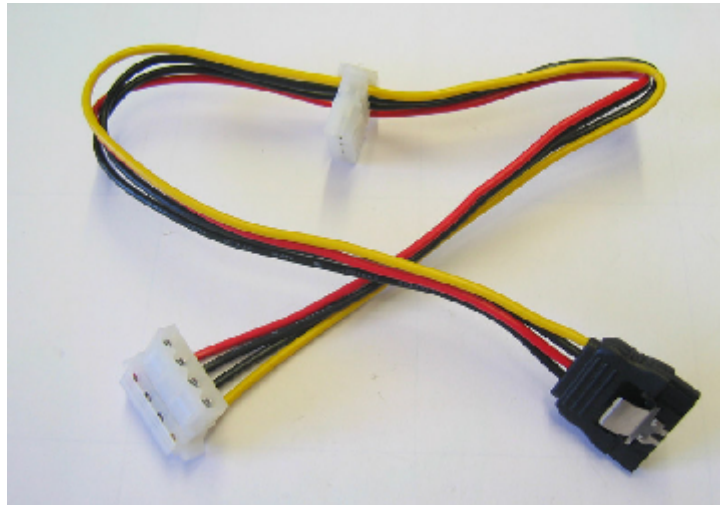


There is a small hole on the hard drive, this should stay open.  
Cut a little bit out from the pad (as shown on the picture)



Connect the SATA- and Powercable

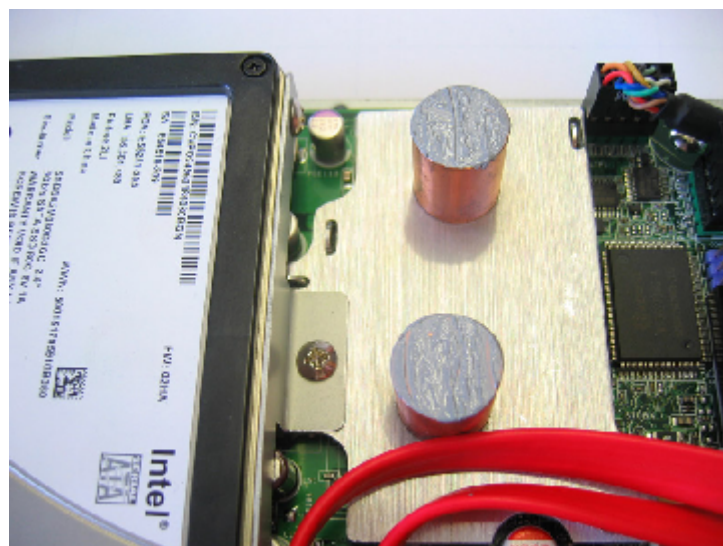




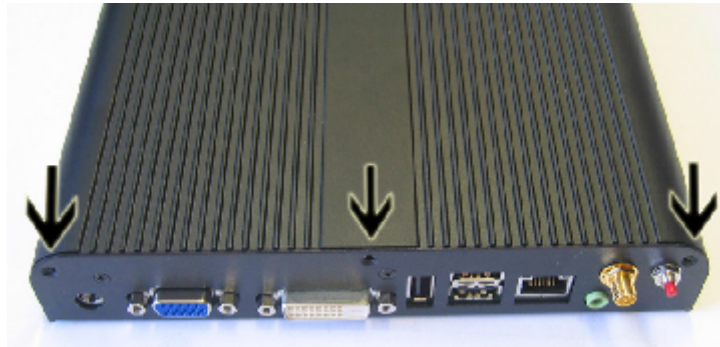


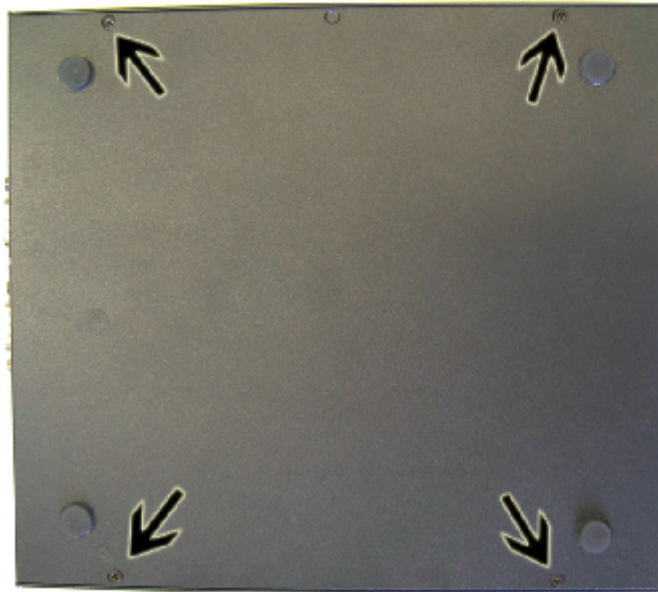


Take the thermal compound, and bring a little bit of it onto the cooling unit



If all cables are lying well, bring up the top of the case and mount it with the screws





FINISHED