- ??
    - ?   Translation
- ???????
    - ?   forum
- ?????? 3.5????????
- ?????? 2.5????????
- 2.5 ??????

HDA (Head Disk Assembly) ????? ?????
??(Platter)???(Head) ????(Acutaor) ?????(Spinde motor)????????(Preamp) ,
???? VCM)??? ??? ??????

?????????,???? ?80%????HDA???.
????HDA ?????? ??????????????