

# Disks

Disk Device	User Addressable	Host
Firmware Configuration Area	Data Area (Partition table, partitions)	Protected Area (HPA)
Overlay (DCO)		
-n -----   -----   -----   -----		
----- n+		

- Firmware area
  - firmware code
- UADA
  - Visible storage space for OS
- HPA
  - Known by BIOS, recovery partition and diagnosis tools
- DCO
  - Used by manufacturer for configuration
- HDD
  - No deletion, blocks(?) marked as deleted
- SSD
  - Deleted on block level
  - Wear Leveling, TRIM,
  - HPA/DCO can be enabled (?)

[https://www.thomas-krenn.com/en/wiki/SSD\\_Over-provisioning\\_using\\_hdparm](https://www.thomas-krenn.com/en/wiki/SSD_Over-provisioning_using_hdparm)