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|  | Hard Disk | SSD |
| Definition | Hard Disk Drives, or HDD in techno-parlance, have been around for donkey's years relative to the technology world. HDDs were first introduced by IBM in 1956 - yes folks this is nearly 60-year old technology, thank goodness vacuum tubes for TVs didn’t last so long! An HDD uses magnetism to store data on a rotating platter. | SSD stands for Solid State Drive. You’re probably familiar with USB memory sticks - SSD can be thought of as an oversized and more sophisticated version of the humble USB memory stick. |
| Max Capacity | Typically around 500GB and 2TB maximum for notebook size drivers 10TB max for desktop | TYPICALLY NOT LARGER THAN 1TB for notebook size drives= 4TB max for desktop |
| Speed | Slower than SSD | Up to 30% faster than HDD |
| Price | Only around$0.30 pergigabyte very cheap (buying a 4TB model) | Expensive , roughly $0.20 per Gb (based on buying a 1TB drive) |
| Size | 3.5 inci | 2.5 – 3.5 inci |
| Advantages | The main draw is the high storage capacity and low cost. | the primary drive for your operating system, as well as the programs you access most frequently. Then, we suggest purchasing a large HDD (either internal or external) for storing documents, pictures, and music. |
| Disadvantages | expensive | More expensive than hard disk drives: |
| Picture | https://www.storagereview.com/images/Hitachi-Deskstar-7K4000.jpg  HDD Top Side  https://www.storagereview.com/images/Hitachi-Deskstar-7K4000-Bottom.jpg  HDD Bottom Side | https://www.storagereview.com/images/StorageReview-Samsung-SSD-850-Pro.jpg  SSD Top Side  https://www.storagereview.com/images/StorageReview-Samsung-SSD-850-Pro-Bottom.jpg  SSD Bottom Side |

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