



Entity	Attribute(s)	Key Attribute
Keyboard	Price	Company
Monitor	Price, Size	Company
Mouse	Price	Company
Memory	Size	Type
Sound card	Size	Company
Video card	Size	Company
Laptop	Price	Company
Desktop	Price	Company
OS	-	Name

Software	-	Name
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**\*All have cardinality of one-to-one because each entity can have one of all the attributes and key attribute i.e. one price, one size, one company etc. Except OS and Software, because a computer might have many OS installed, and likewise with softwares, so their cardinality is many-to-many.**

## Narrative Description:

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This EER diagram represents a schema for a database for storing information about a computer at a shop.

- A computer can be a desktop or a laptop.
- Both have a company name and a price.
- They could be sold with accessories
- Accessories includes a monitor, keyboard, a mouse, which further has price, and a company name. However monitor has an extra attribute of size.
- Both computers have components which includes sound card, video card, and a memory. Each of them have size and company name, except memory that has a key attribute of type which is either HDD or SSD.
- If they have installed OS, then the name of the operating system.
- If installed softwares, supported by the OS and the components.