

### Brief Summary:

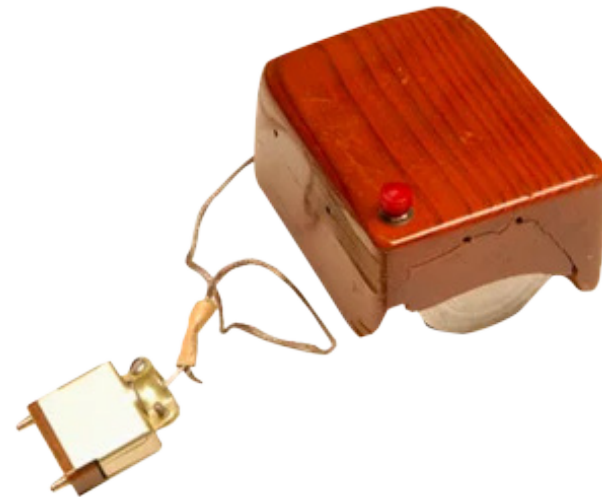
The computer mouse has been a device that was made for computers developed back in the 1960's. This special device helped out people over the years by revolutionizing human to computer interactions allowing the users to have the ability to point and click on a screen. The main functionalities of the computer mouse is moving from the text-based interfaces to graphical ones.

### How It works:

The way a computer mouse functions is it translates the users hand movements into cursor movements onscreen by the use of ball rollers on the mechanical mouse or optical sensors and LED lights for detecting movement and sending the signals to the computer. Both of these types of computer mice are involved to help translate physical movement into becoming electronic signals in which the computer will use to move the cursor around on the computers screen to allow the user to have interaction with the computers interface.

# History Of The Computer Mouse

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1964-1980:

The first computer mouse was created which was a wooden box with a steel roller to detect movement and button installed for clicking things on the computers screen.

1980-2000:

The later mouse models then used LED light sensors for movement detection with a rubber ball to detect the movement of the mouse.



2000-Present Day:

Modern computer mice use a LED light sensors but they can be either wireless for bluetooth transmission having the capability be rechargeable or used with disposable batteries without a cord still have the cord installed for prolonged use.

### Development And Name Origin:

- The computer mouse was first conceived back in 1961 by Douglas Engelbart and the first model was built three years later by Bill English In 1964 at Stanford Research Institute. The name origin of the computer mouse came from the cable sticking out of the back resembling the tail of mice.

### Evolution:

- The first computer mouse prototype was made of wood with a cord and two metal wheels that was connected to a computer cable. The second computer mouse prototype was developed in the 1970's involving a rubber ball that was underneath it to detect movement with the mouse but had to be continuously cleaned due to dust buildup. Finally the modern mouse prototype uses LED light sensors to track movement from the mouse that was developed in the 1990's to the modern days of technology.

### Designs/Models Of Modern Day Computer Mouse:

- The Modern Day Computer Mouse still uses LED Light sensors that detect movement and the models for them can be have the cord or in other ways, wireless by the use of radio frequency or bluetooth technology. They can sometimes be installed with rechargeable batteries built in and charging docks to help recharge the battery when it gets low so it doesn't need to use disposable batteries every so often for when it's in use.

### Other Information:

- Some Computer Mouse models use Specialized RGB lighting for aesthetics and improved performance.

- Some models even use ergonomic designs with special shapes, trackballs, or vertical grips to reduce wrist strain

- Douglas Engelbart didn't receive any royalties for when he invented the mouse because it was developed under government contracts which the patent eventually expired.