

Laptop Computers

By: William Hopkins



What would we do without laptop computers?

- Capable of countless different activities...

- *Computing on the go*
- *Mobile gaming*
- *Staying in contact*
- *Doing school-work*
- *Reading*
- *Movies*
- *Pictures*
- *Music*
- *Calculations*
- *Coding*
- *Creating*
- *Multitasking*
- *Note taking*

"81% of students depend on a laptop"
-PC Mag



How far Laptop refinement has come

FIRST "PORTABLE COMPUTER"

- The size of a small backpack
- The weight of a sewing machine
- Capable of small task and calculations



A PORTABLE COMPUTER IN 2021

- Size of a simple notebook
- Ability to draw, touch, and gesture
- Capable of more complex procedures.



Osborne 1 (1981)

Surface Pro 8 (2021)

Differences & Increases

Memory

64KB
(.000061GB)

32GB

524,590 Times the RAM
Or 52,458,900% increase

Mass

24.5lbs

2lbs

91.8367% decrease in weight
Or 170% difference

Storage

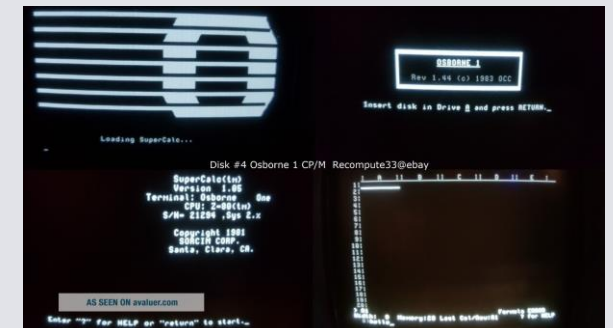
90kB Floppy Disk
(.000086GB)

1TB
(~1000GB)

11,627,907 Times The Storage
Or 1,162,790,000% increase

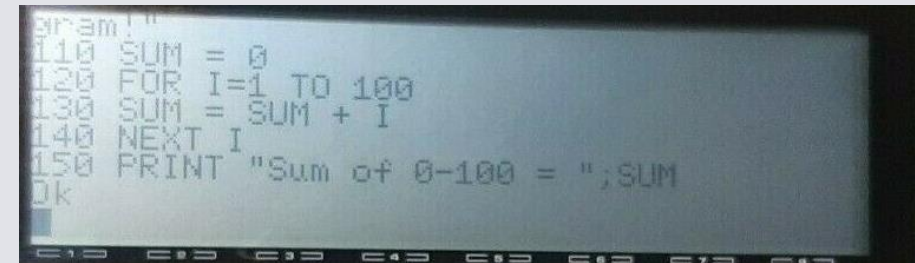
The Osborn 1

- Was first available for purchase in “1981”.
- Capable of storing an entire screen of information.
- Included 2x 5.25” floppy disk drives.
- Included “WordStar” and “SuperCalc” as included software.



Radio Shacks TRS-80 Model 100

- First made available in 1983.
- One of the first “notebook” style personal computers because of its size.
- Featured an “LCD screen” and a “full keyboard” which was a first.
- This model went on to sell over 6 million units in a very short time frame.





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Compaq SLT/286

- First made available in 1988 and featured a “bright high-resolution” display and featured a new “VGA video standard”.
- This device weighed 14lbs which would be the equivalent weight of a bowling ball.
- And it could stay charged for a maximum of 3 hours.
- Originally available for \$5,399.00 which would be around \$11,000 in today's dollars.



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Apple's Powerbook 500

- Released in 1994 this was the first laptop to offer "stereo speakers, a trackpad, ethernet networking built-in".
- And the option of either "240MB or 500MB" of storage capacity.
- This computer also included a 9.5" screen that was available in either black & white or color.



Apple Macbook Air

- In 2008 Steve Jobs introduced this computer as “The worlds thinnest notebook”.
- Notable features include a 13.3” LED Screen and a backlit keyboard.
- This was a huge change for the form factor of a laptop.



Fast forwarding to 2021...

- With each year we will likely continue to see..

Faster processors

More memory

Better Resolutions

Increased Storage

Better portability

Better usability

And more refinement



Time-Line of laptops overviewed



1983



1994



2021

1981



1988



2008



2021



The End

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