**Some weight of Bytes**

**Bytes(8 bits)**

* 1 bit: A binary decision
* 1 byte: A single character
* 10 bytes: A single word

**Kilobyte (1000 bytes)**

* 1 Kilobyte: A very short story
* 2 Kilobytes: A Typewritten page
* 10 Kilobytes: An encyclopaedic page
* 50 Kilobytes: A compressed document image page
* 100 Kilobytes: A very low-resolution photograph

**Megabyte (1 000 000 bytes)**

* 1 Megabyte: A small novel
* 2 Megabytes: A high resolution photograph
* 5 Megabytes: The complete works of Shakespeare OR 30 seconds of TV-quality video
* 10 Megabytes: A minute of high-fidelity sound OR A digital chest X-ray
* 50 Megabytes: A digital mammogram
* 100 Megabytes: 1 meter of shelved books OR A two-volume encyclopaedic book
* 700 Megabytes: A CD-ROM

**Gigabyte (1 000 000 000 bytes)**

* 1 Gigabyte: A pickup truck filled with paper OR A symphony in high-fidelity sound OR A movie at TV quality
* 2 Gigabytes: 20 meters of shelved books
* 20 Gigabytes: A good collection of the works of Beethoven
* 50 Gigabytes: A floor of books
* 100 Gigabytes: A floor of academic journals

**Terabyte (1 000 000 000 000 bytes)**

* 1 Terabyte: An automated tape robot OR All the X-ray films in a large technological hospital OR 50000 trees made into paper and printed
* 2 Terabytes: An academic research library
* 10 Terabytes: The printed collection of the US Library of Congress
* 50 Terabytes: The contents of a large Mass Storage System

**Petabyte (1 000 000 000 000 000 bytes)**

* 2 Petabytes: All US academic research libraries
* 200 Petabytes: All printed material

**Exabyte (1 000 000 000 000 000 000 bytes)**

* 5 Exabytes: All words ever spoken by human beings.
* From [wikipedia](http://en.wikipedia.org/wiki/Exabyte):
	+ **Zettabyte (1 000 000 000 000 000 000 000 bytes)**
	+ Research from the [University of California, San Diego](http://en.wikipedia.org/wiki/University_of_California%2C_San_Diego) reports that in 2008, Americans consumed 3.6 zettabytes of information.
* [Internet Traffic to Reach 1.3 Zettabytes by 2016](http://www.pcmag.com/article2/0%2C2817%2C2405038%2C00.asp)

**Yottabyte (1 000 000 000 000 000 000 000 000 bytes)**

* [Named after Yoda](http://www.geekologie.com/2010/06/how-big-is-a-yottabyte-spoiler.php).

**Xenottabyte (1 000 000 000 000 000 000 000 000 000 bytes)**

**Shilentnobyte (1 000 000 000 000 000 000 000 000 000 000 bytes)**

**Domegemegrottebyte (1 000 000 000 000 000 000 000 000 000 000 000 bytes)**