

Tech Talk

Making Sense of the Jargon

Bits and Bytes



Data Measurement Chart






Data Measurement	Size
Bit	Single Binary Digit (1 or 0)
Byte	8 bits
Kilobyte (KB)	1,024 Bytes
Megabyte (MB)	1,024 Kilobytes
Gigabyte (GB)	1,024 Megabytes
Terabyte (TB)	1,024 Gigabytes

Speed vs Storage

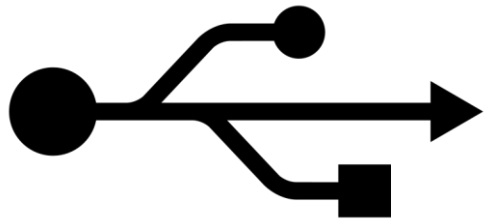
Connection Speed Chart

Internet Technology	Data Rate (per second)	Data Rate (per second)	Data Rate (per second)	Data Rate (per second)
28.8K Modem	28.8 Kbps	28,800 Bits	3,600 Bytes	3.5 Kilobytes
36.6K Modem	36.6 Kbps	36,600 Bits	4,575 Bytes	4.4 Kilobytes
56K Modem	56 Kbps	56,000 Bits	7,000 Bytes	6.8 Kilobytes
ISDN	128 Kbps	128,000 Bits	16,000 Bytes	15 Kilobytes
T1	1.544 Mbps	1,544,000 Bits	193,000 Bytes	188 Kilobytes
DSL	512 Kbps to 8 Mbps	8,000,000 Bits	1,000,000 Bytes	976 Kilobytes
Cable Modem	512 Kbps to 52 Mbps	53,000,000 Bits	6,625,000 Bytes	6,469 Kilobytes (6.3MB/sec)

Size Comparison

 Document	51 KB
 PDF	265 KB
 Picture	2,345 KB
 Music	5,703 KB
 Video	160,550 KB

Flash/Jump/Thumb Drive?



USB!



Storage

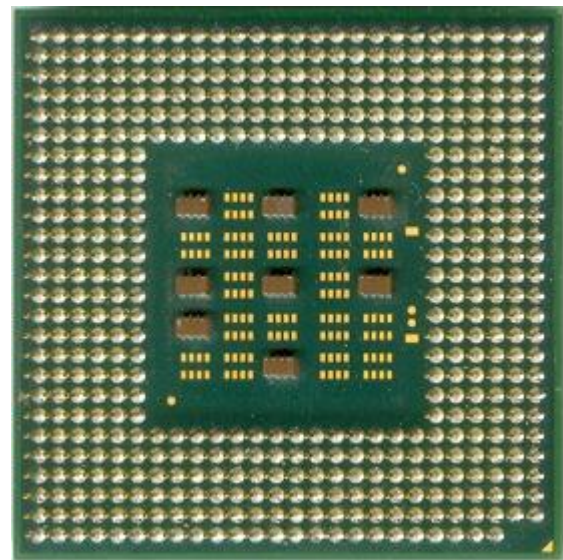
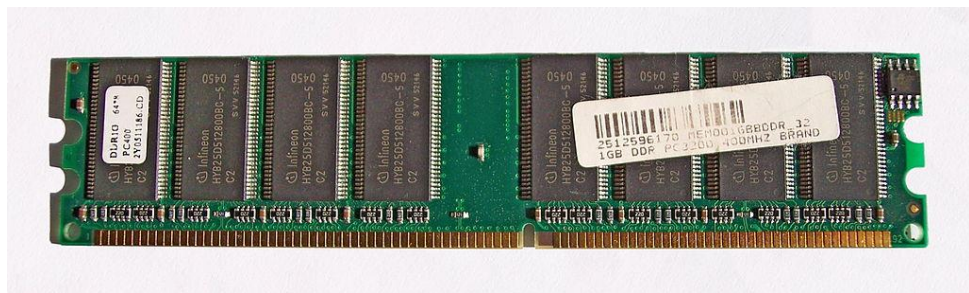
HDD-Hard Disk Drive



SSD-Solid State Drive



Other Hardware



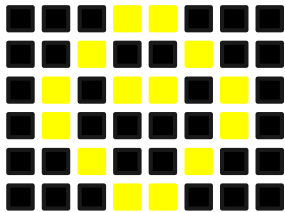
Pixels

(or why do my pics look grainy...)

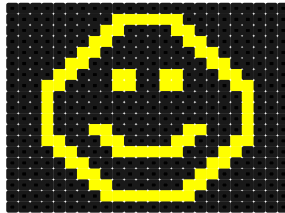
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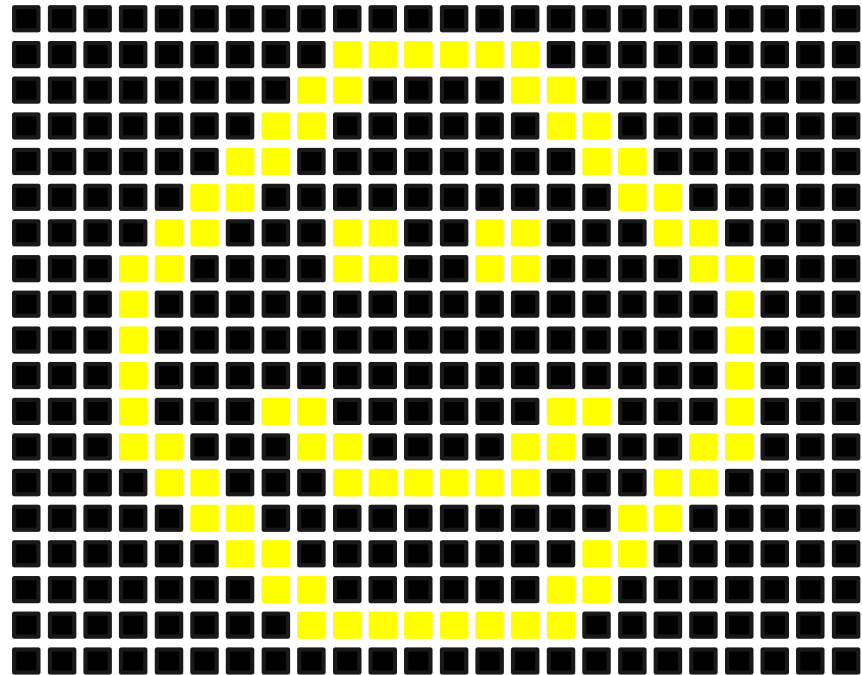
8x6



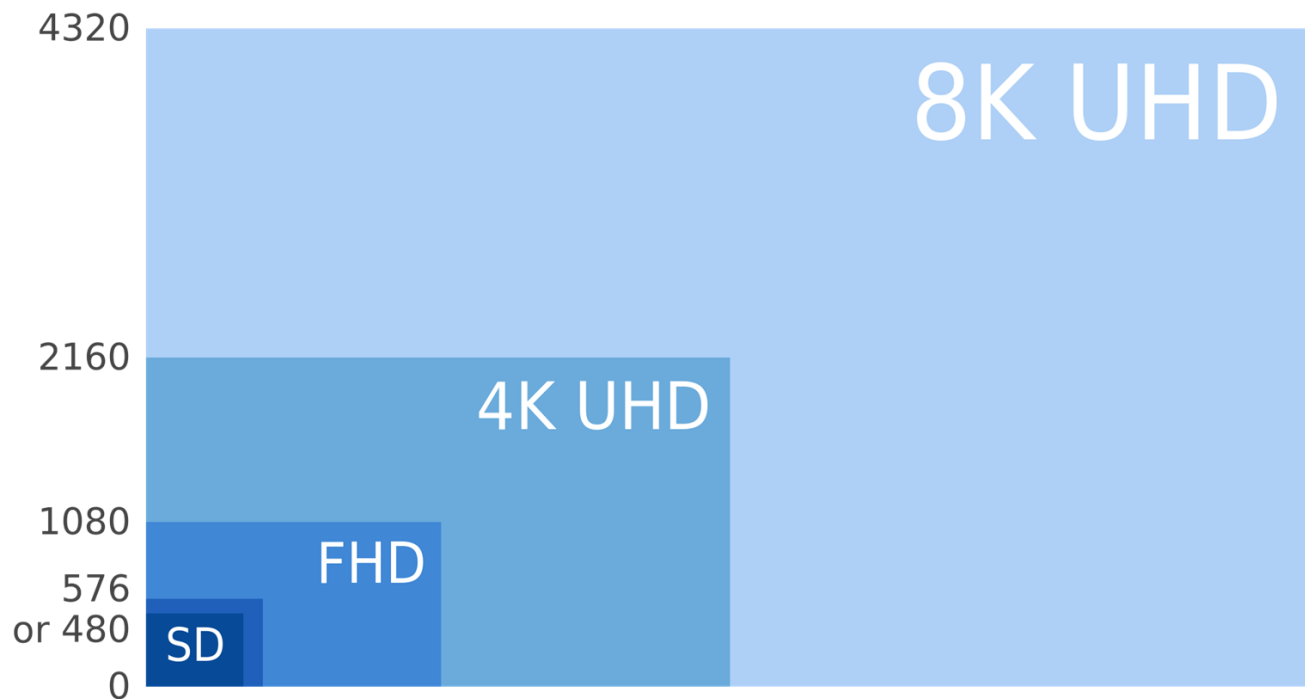
24x18



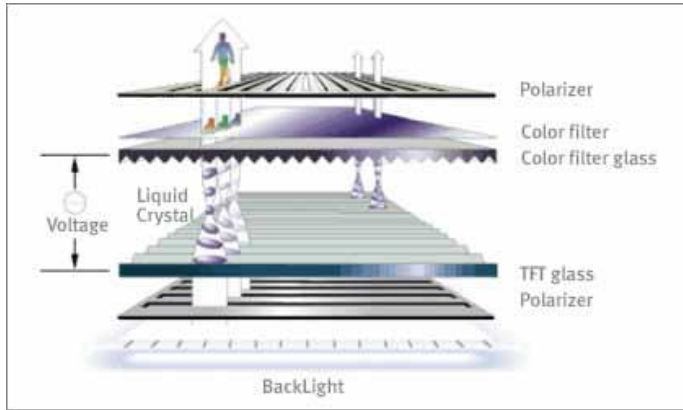
24x18



Resolution: TV WARS!



LCD vs LED (OLED!?)



Picture sources

Slide 7

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