



**Internet**  
1 quintillion bytes

 Data storage

 Processing speed  
(megaflops = million operations per second)

 Power consumption  
(1 LED flashlight bulb = 1 watt)

### Fastest Supercomputer

(K computer, Fujitsu)

30 quadrillion bytes  
8.2 billion megaflops  
9.9 million watts

99 million LEDs (not all shown)

### Cat Brain

98 trillion bytes  
61 million megaflops

### iPad 2

64 billion bytes  
170 megaflops  
2.5 watts

### Human Genome

750 million bytes

### Human Brain

3.5 quadrillion bytes  
2.2 billion megaflops  
20 watts