

## ***Comparison of Microprocessors***

### ***Intel 4004 (from 1971)***

Speed: 0.74 MHz

Transistors: 2,300

### ***Intel 8080 (from 1974)***

Speed: 2 or 3 MHz

Transistors: 6,000

### ***Zilog Z80 (from 1976)***

Speed: Slowest: 2.5 MHz Fastest: 50 MHz

Transistors: 8,500

### ***Intel Core i7-4770S (the microprocessor in Teacher Charles' personal computer at home, 2013)***

Speed: 3,100 MHz

Transistors: 1,400,000,000 (=1.4 billion)