

Moore's Law: This law expresses that every two years the number of transistor in a micro-processor doubles.

The Moore's law is getting to its end due to the fact that computers are reaching their physical limits. The high temperatures caused by high clock rates will make it impossible to make safe circuits that don't melt during operation and the cooling mechanisms will take more energy than the actual operation of the circuits, Moore even stated that his law "can't continue forever. It is the nature of exponential functions".