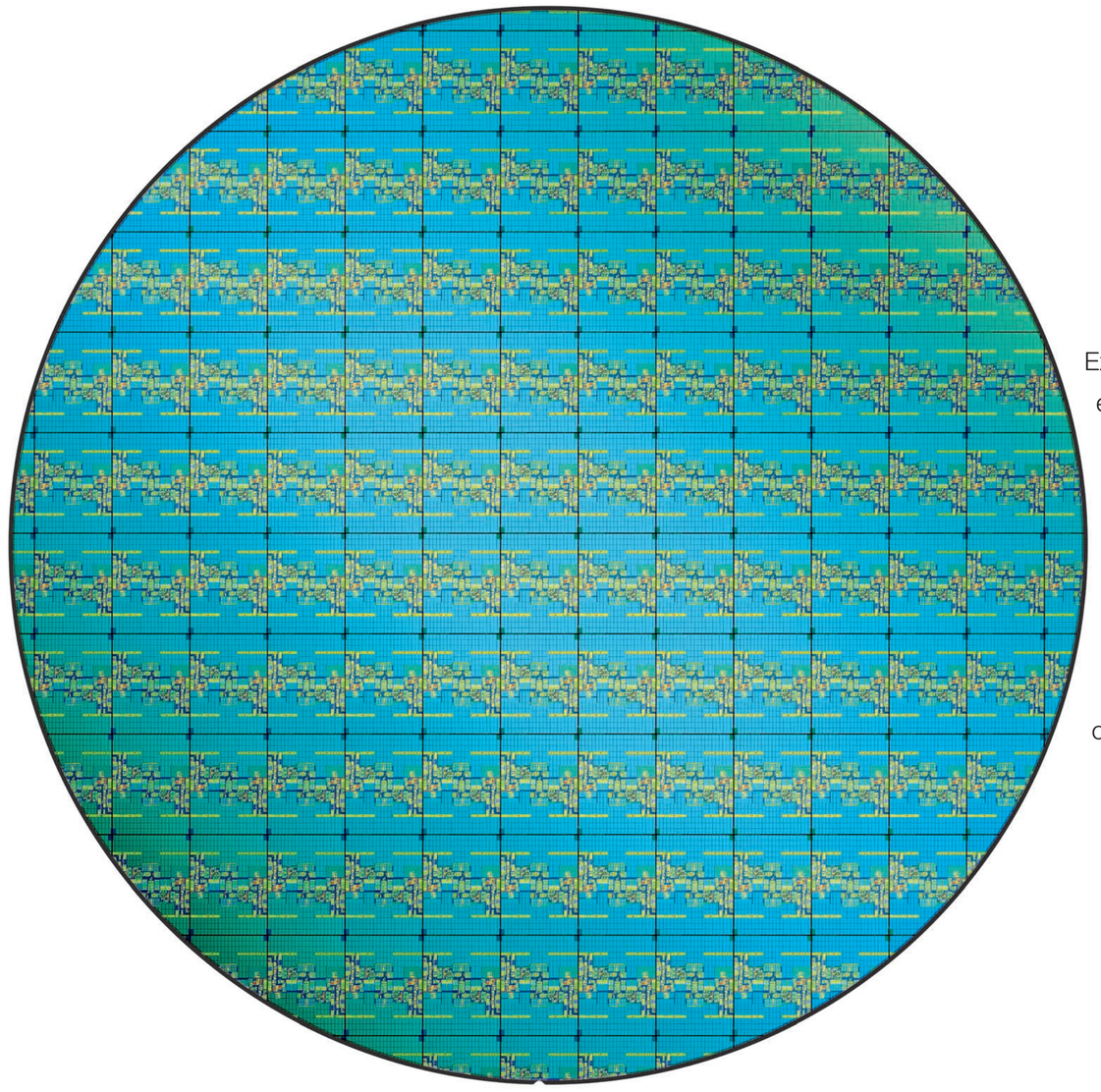
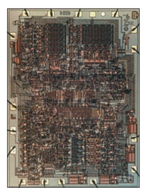
Innovation from the start

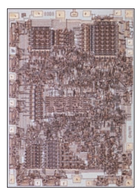


Expanding the power of enterprise computing, Intel's dual-core Itanium® processor is the world's first billion-transistor processor and enables enterprise servers to deliver up to twice the performance while consuming less power.

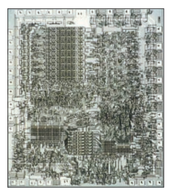
Intel® Microprocessors. Innovation has no endpoint.



4004 Processor
Introduced: **1971**
Initial clock speed: 108 KHz
Number of transistors: 2,300
Circuit line width: 10 micron

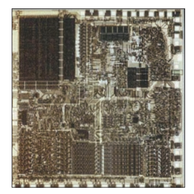


8008 Processor
Introduced: **1972**
Initial clock speed: 500-800 KHz
Number of transistors: 3,500
Circuit line width: 10 micron

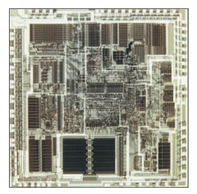


8080 Processor
Introduced: **1974**
Initial clock speed: 2 MHz
Number of transistors: 4,500
Circuit line width: 6 micron

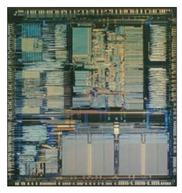
8086 Processor
Introduced: **1978**
Initial clock speed: 5 MHz
Number of transistors: 29,000
Circuit line width: 3 micron



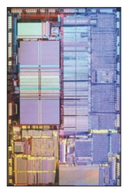
8088 Processor
Introduced: **1979**
Initial clock speed: 5 MHz
Number of transistors: 29,000
Circuit line width: 3 micron



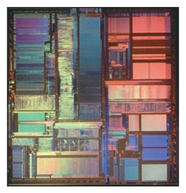
Intel286 Processor
Introduced: **1982**
Initial clock speed: 6 MHz
Number of transistors: 134,000
Circuit line width: 1.5 micron



Intel386™ Processor
Introduced: **1985**
Initial clock speed: 16 MHz
Number of transistors: 275,000
Circuit line width: 1.5 micron

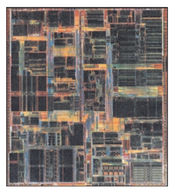


Intel486™ Processor
Introduced: **1989**
Initial clock speed: 25 MHz
Number of transistors: 1.2 million
Circuit line width: 1 micron

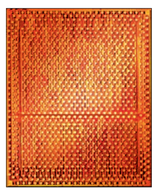


Pentium® Processor
Introduced: **1993**
Initial clock speed: 66 MHz
Number of transistors: 3.1 million
Circuit line width: 0.8 micron

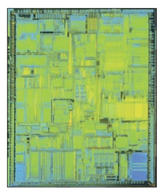
Pentium® Pro Processor
Introduced: **1995**
Initial clock speed: 200 MHz
Number of transistors: 5.5 million
Circuit line width: 0.35 micron



Pentium® II Processor
Introduced: **1997**
Initial clock speed: 300 MHz
Number of transistors: 7.5 million
Circuit line width: 0.25 micron

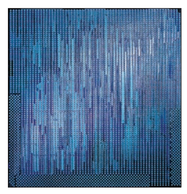


Celeron® Processor
Introduced: **1998**
Initial clock speed: 266 MHz
Number of transistors: 7.5 million
Circuit line width: 0.25 micron



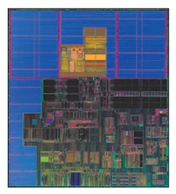
Pentium® III Processor
Introduced: **1999**
Initial clock speed: 500 MHz
Number of transistors: 9.5 million
Circuit line width: 0.25 micron

Pentium® 4 Processor
Introduced: **2000**
Initial clock speed: 1.5 GHz
Number of transistors: 42 million
Circuit line width: 0.18 micron



Itanium® Processor
Introduced: **2001**
Initial clock speed: 800 MHz
Number of transistors: 25 million
Circuit line width: 0.18 micron

Intel® Xeon™ Processor
Introduced: **2001**
Initial clock speed: 1.7 GHz
Number of transistors: 42 million
Circuit line width: 0.18 micron



Itanium® 2 Processor
Introduced: **2002**
Initial clock speed: 1 GHz
Number of transistors: 220 million
Circuit line width: 0.18 micron