

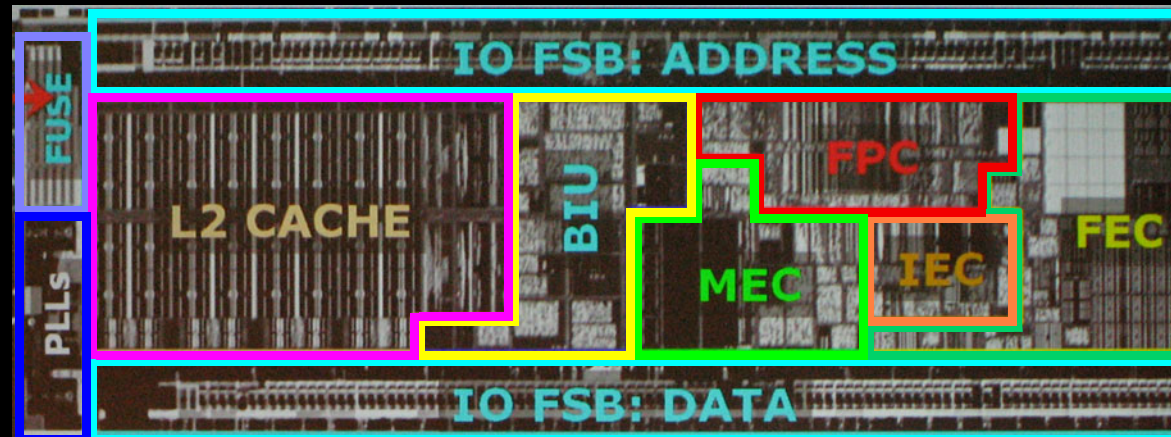
Silverthorne's Feature

SSE3

Hyper-Threading

Intel 64 (64 bits)

**45nm CMOS
High-k**



C6 State

up to 2GHz

**GTL/CMOS
dual mode FSB**

**Intel Virtualization
Technology(VT)**

Silverthorne

45nm (High-K, Metal-gate CMOS, 9 Layer)

Transistors 47M Die Area <25mm²

TDP -2W

-2GHz

512KB L2 Cache

400/533 Mtps FSB(Front Side Bus)