Core	simd	Year	Vector bits	SP flops/clock/core	cores	flops/clock
Pentium III	SSE	1999	128	3	1	3
Pentium IV	SSE2	2001	128	4	1	4
Core2	SSE2/3/4	2006	128	8	2	16
Nehalem	SSE2/3/4	2008	128	8	10	80
Sandybridge	AVX	2011	256	16	12	192
Haswell	AVX2	2013	256	32	18	576
KNC	IMCI	2012	512	32	64	2048
KNL	AVX512	2016	512	64	72	4608
Skylake	AVX512	-	512	64	-	O(2000)