

Intel's MP Server CPU transition

Dual-Core Xeon 71xx(Tulsa)	Quad-Core Xeon 73xx(Tigerton)	Dunnington	Nehalem-EX(Beckton)
NetBurst Microarchitecture	Core Microarchitecture	Core Microarchitecture	Nehalem Microarchitecture
2 cores	4 cores	4/6 cores	up to 8 cores
4 threads	4 threads	4/6 threads	up to 8 threads
Single die	2 dies	Single die	Single die
16MB L3	2x4MB L2	12/16 MB L3	24MB L?
Single FSB (800Mtps)	Shared FSB (1066Mtps)	Single FSB (1066Mtps)	4 QPI (6.4Gtps)
65nm	65nm	45nm	45nm
95/150W	50/80/130W	60/90/130W	90/130W
Q3 '06	Q3 '07	Q4 '08	2H '09