

# Intel CPU Transition

		2008				2009				2010			2011
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	2H	
Server & Workstation	IA-64 Server	Itanium 91xx (Montvale) 2-Core, 26.5MB, 90nm						Tukwila 4-Core, 30MB FBD2, QPI 65nm				Poulson 32nm	
	MP Server			Xeon 74xx (Dunnington) 6-Core, ~25MB						Nehalem-EX 8-Core, 26MB, DDR3(FBD2)			
	DP Server & Workstation	Xeon 54xx (Harpertown) 4-Core, 12MB				Xeon 55xx (Nehalem-EP) 4-Core, 5.9MB, DDR3, QPI						Sandy Bridge >4-Core, ?MB, DDR3	
	UP Server & Workstation	Xeon X3xxx (Yorkfield) 4-Core, 6/12MB				Xeon W35xx (Nehalem-WS) 4-Core, 9MB, DDR3, QPI		Xeon 34xx Lynnfield 4-Core, 9MB, DDR3					
Desktop PC	Extreme & Performance Desktop	Core 2 Extreme (Yorkfield) 4-Core, 12MB				Core i7 (Bloomfield) 4-Core, 9MB, DDR3, QPI				Gulftown 6-Core, 13.5MB, DDR3, QPI		Sandy Bridge >4-Core, ?MB, DDR3	
	Mainstream Desktop	Core 2 Quad (Yorkfield) 4-Core, 4/6/12MB						Lynnfield 4-Core, 9MB, DDR3					
		Core 2 Duo (Wolffield) 2-Core, 3/6MB								Clarkdale 2-Core, 4.5MB, DDR3, GPU		? ?-Core, ?MB, DDR3 GPU Core	
	Value Desktop	Pentium E2xxx (Conroe) 2-Core, 1MB		Pentium E5xxx (Wolffield) 2-Core, 2MB									
		Celeron E1xxx (Conroe) 2-Core, 512KB											
Nettop			Atom N2xx (Diamondville) 1-Core, 512KB	Atom N3xx (Diamondville) 2-Core, 1MB					Atom (Pineview) 2-Core GPU Core	Atom (Pineview) 1-Core GPU Core			
Notebook PC	Extreme & Performance Notebook			Core 2 Extreme (Penryn QC) 4-Core, 12MB				Clarksfield 4-Core, 9MB, DDR3				Sandy Bridge >4-Core, ?MB, DDR3	
	Mainstream Notebook	Core 2 Duo (Penryn) 2-Core, 6MB		Core 2 Quad (Penryn QC) 4-Core, 6/12MB									
		Core 2 Duo (Penryn) 2-Core, 3MB								Arrandale 2-Core, 4.5MB, DDR3, GPU		? ?-Core, ?MB, DDR3 GPU Core	
	Value Notebook	Celeron T1xxx (Merom-L) 1-Core, 1MB				Celeron T1xxx (Merom) 2-Core, 1MB		Celeron (Penryn) 2-Core, 1MB					
	LV/ULV Notebook			Core 2 Duo (Penryn) 2-Core, 3/6MB		Core 2 Solo (Penryn) 1-Core, 2MB				Arrandale 2-Core, 4.5MB, DDR3, GPU		? ?-Core, ?MB, DDR3 GPU Core	
Netbook			Atom N2xx (Diamondville) 1-Core, 512KB						Atom (Pineview) 1-Core GPU Core				

1-core
2-core
3-core
4-core
>4-core
65nm Core 2
45nm Core 2
45nm Nehalem
45nm Atom
32nm Westmere
32nm Sandy Bridge