

Intel CPU Transition

		2008				2009				2010				2011		2012		2013		
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	2H				
Server & Workstation	Expandable Server	Core Microarchitecture(Core MA)				Nehalem Microarchitecture				Boxboro Platform		Westmere-EX 10-Core, DDR3, QPI		Sandy Bridge-EX 8-Core, 20MB L3, 4ch DDR3, 2 QPI, 40 PCIe3		Romley-EX Platform Patsburg PCH Socket R		Ivy Bridge-EX-A ?-Core, ?MB L3,	Brickland-EX Platform	
	DP Server & Workstation	Harpertown (Xeon 54xx) 4-Core, 12MB					Tylersburg-EP Platform				Westmere-EP 6-Core, 12MB L3, 3ch DDR3, QPI		Sandy Bridge-EP 4/6/8-Core, 20MB L3, 4ch DDR3, 2 QPI, 40 PCIe3		Romley-EP Platform Patsburg PCH Socket R		Ivy Bridge-EP ?-Core, ?MB L3, 4ch DDR3, 2 QPI		Romley-EP Platform Patsburg PCH Socket R	
	Entry UP Server & Workstation	Yorkfield (Xeon X3xxx) 4-Core, 6/12MB					Foxhollow Platform				Clarkdale 2-Core, GPU 4MB L3, 2ch DDR3, PCIe2		Sandy Bridge-DT 4-Core, GPU 6MB L3, 2ch DDR3, 20 PCIe2		Bromolow Platform Cougar Point PCH Socket H2		Ivy Bridge ?-Core, GPU ?MB L3, 2ch DDR3		Carlow Platform Socket H2	
Desktop PC	Extreme & Performance Desktop	Yorkfield (Core 2 Extreme) 4-Core, 12MB					Nehalem Microarchitecture				Gulftown 6-Core, 12MB L3, 3ch DDR3, QPI		Sandy Bridge 6/8-Core, 15/20MB L3, 3ch DDR3		Socket B2?		Haswell			
	Mainstream Desktop	Yorkfield (Core 2 Quad) 4-Core, 4/6/12MB									Clarkdale 2-Core, GPU 4MB L3, 2ch DDR3, PCIe2		Sandy Bridge-DT 4-Core, GPU 6MB L3, 2ch DDR3, PCIe2		Sugar Bay Platform Cougar Point PCH		Ivy Bridge ?-Core, GPU ?MB L3, 2ch DDR3		Haswell Microarchitecture	
	Value Desktop	Conroe (Pentium E2xxx) 2-Core, 1MB																		
		Conroe (Celeron E1xxx) 2-Core, 512KB																		
	Nettop		Diamondville (Atom N2xx) 1-Core, 512KB	Diamondville (Atom N3xx) 2-Core, 1MB	Bonnell Microarchitecture				Pineview DC 2-Core GPU Core		Pineview SC 1-Core GPU Core				Mapleview					
Notebook PC	Extreme & Performance Notebook					Nehalem Microarchitecture				Clarkdale 2-Core, GPU 4MB L3, 2ch DDR3, PCIe2		Sandy Bridge-MB 4-Core, GPU 6MB L3, 2ch DDR3, PCIe2		Huron River Platform Cougar Point PCH		Ivy Bridge ?-Core, GPU ?MB L3, 2ch DDR3				
	Mainstream Notebook	Core Microarchitecture(Core MA)								Arrandale 2-Core, GPU 4MB L3, 2ch DDR3, PCIe2		Sandy Bridge-MB 2-Core, GPU 3MB L3, 2ch DDR3, PCIe2		Huron River Platform Cougar Point PCH		Ivy Bridge ?-Core, GPU ?MB L3, 2ch DDR3				
	Value Notebook	Merom-L (Celeron T1xxx) 1-Core, 1MB				Merom (Celeron T1xxx) 2-Core, 1MB				Penryn (Celeron) 2-Core, 1MB		Arrandale 2-Core, GPU 2MB L3, 2ch DDR3, PCIe2								
	LV Notebook									Arrandale 2-Core, GPU 4MB L3, 2ch DDR3, PCIe2		Sandy Bridge-MB 2-Core, GPU 3MB L3, 2ch DDR3, PCIe2		Huron River Platform Cougar Point PCH		Ivy Bridge ?-Core, GPU ?MB L3, 2ch DDR3				
	ULV Notebook					Core Microarchitecture(Core MA)				Arrandale 2-Core, GPU 4MB L3, 2ch DDR3, PCIe2		Sandy Bridge-MB 2-Core, GPU 3MB L3, 2ch DDR3, PCIe2		Huron River Platform Cougar Point PCH		Ivy Bridge ?-Core, GPU ?MB L3, 2ch DDR3		Sandy Bridge Microarchitecture		
	Netbook					Bonnell Microarchitecture				Pineview M 1-Core GPU Core						Mapleview		Saltwell Microarchitecture		
Ultra-Mobile	Ultra-Mobile									Lincroft 1-Core GPU Core						Medfield				

Legend for CPU types and microarchitectures:

- 1-core
- 2-core
- 4-core
- 6-core
- >=8-core
- 65nm Core 2
- 45nm Core 2
- 45nm Nehalem
- 45nm Bonnell
- 32nm Nehalem
- 32nm Bridge
- 32nm Saltwell
- 22nm Bridge
- 22nm Haswell