

Intel® Boxed Processor Reference Table

Processor Number	Clock Speed (GHz)	QPI Speed (GT/s)	Cache (MB)	Cores/Threads	TDP (W)	IGF (MHz)*	FMB	Intel® vPro™	Intel® SIPP	Intel® VT	Intel® TXT	EIST ¹	Intel® 64	Intel Clear Video Tech.	Lead Free ²	Halo-gen Free	Socket	Boxed Processor Ordering Code	Intel® Turbo Boost	Memory Speed DDR3	ASENI
Intel® Core™ Processor 45nm																					
i7-975	3.33	6.4	8	4/8	130		08			X		X	X		X	X	LGA1366	BX80601975	3.60	1066	
i7-960	3.20	4.8	8	4/8	130		08			X		X	X		X	X	LGA1366	AT80601002727AA	3.46	1066	
i7-950	3.06	4.8	8	4/8	130		08			X		X	X		X	X	LGA1366	BX80601950	3.33	1066	
i7-920	2.66	4.8	8	4/8	130		08			X		X	X		X	X	LGA1366	BX80601920	2.93	1066	
i7-870	2.93	N/A	8	4/8	95		09B	X	X	X	X	X	X		X	X	LGA1156	BX8060517870	3.60	1333	
i7-860	2.80	N/A	8	4/8	95		09B	X	X	X	X	X	X		X	X	LGA1156	BX8060517860	3.46	1333	
i5-750	2.66	N/A	8	4/4	95		09B			X		X	X		X	X	LGA1156	BX8060515750	3.20	1333	
Intel® Core™ Processor 32nm																					
i5-670	3.46	N/A	4	2/4	73	733	09A	X		X	X	X	X	X	X	X	LGA1156	BX8061615670	3.73	1333	X
i5-661	3.33	N/A	4	2/4	87	900	09B			X		X	X	X	X	X	LGA1156	BX8061615661	3.60	1333	X
i5-660	3.33	N/A	4	2/4	73	733	09A	X		X	X	X	X	X	X	X	LGA1156	BX8061615660	3.60	1333	X
i5-650	3.20	N/A	4	2/4	73	733	09A	X		X	X	X	X	X	X	X	LGA1156	BX8061615650	3.46	1333	X
i3-540	3.06	N/A	4	2/4	73	733	09A					X	X	X	X	X	LGA1156	BX8061613540	N/A	1333	
i3-530	2.93	N/A	4	2/4	73	733	09A					X	X	X	X	X	LGA1156	BX8061613530	N/A	1333	
Intel® Pentium® Processor 32nm																					
G6950	2.80	N/A	3	2/2	73	533	09A					X	X		X	X	LGA1156	BX80616G6950	N/A	1066	

1. EIST - Enhanced Intel SpeedStep® Technology

2. 45nm product is manufactured on a Lead Free process. Lead Free per EU RoHS directive July, 2006

3. IGF-Integrated Graphics Frequency

* IGF-Integrated Graphics Frequency

Graphics and Chipset Compatibility Reference Table

	Cores Threads	CPU Integrated Graphics	Intel® Express Chipset							Socket LGA775	Socket LGA1366	Socket LGA1156
			3 Series	4 Series	X58	P55	Q57	H55	H57			
Core™ 2 Quad	4/4		✓ ⁴	✓ ⁴						✓		
Core™ 2 Duo	2/2		✓ ⁴	✓ ⁴						✓		
Pentium®	2/2		✓ ⁴	✓ ⁴						✓		
Celeron®	2/2		✓ ⁴	✓ ⁴						✓		
Celeron®	1/1		✓ ⁴	✓ ⁴						✓		
Core™ i7-9xx	4/8				✓ ⁵						✓	
Core™ i7-8xx	4/8					✓ ⁵	✓ ⁵	✓ ⁵	✓ ⁵			✓
Core™ i5-7xx	4/4					✓ ⁵	✓ ⁵	✓ ⁵	✓ ⁵			✓
Core™ i5-6XX	2/4	✓				✓ ⁵	✓	✓	✓			✓
Core™ i3-5XX	2/2	✓				✓ ⁵	✓	✓	✓			✓
Pentium® G6XXX	2/2	✓				✓ ⁵	✓	✓	✓			✓

4. Graphics card requirement varies on chipset, for more information visit the Intel® website www.intel.com/products/chipsets

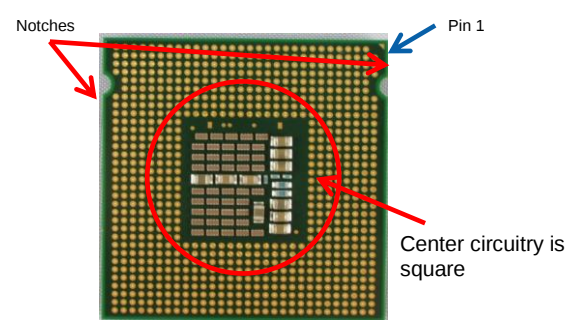
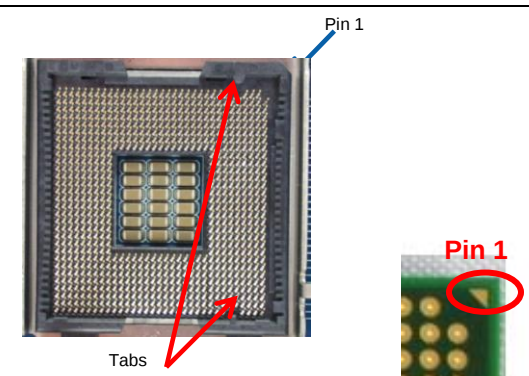
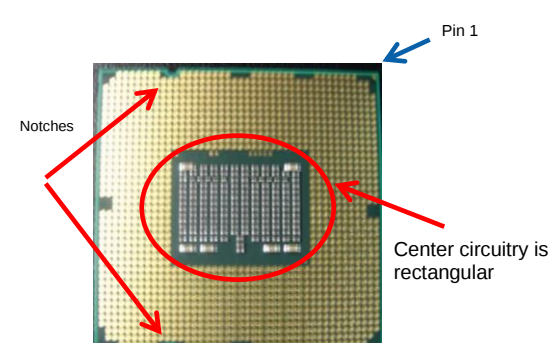
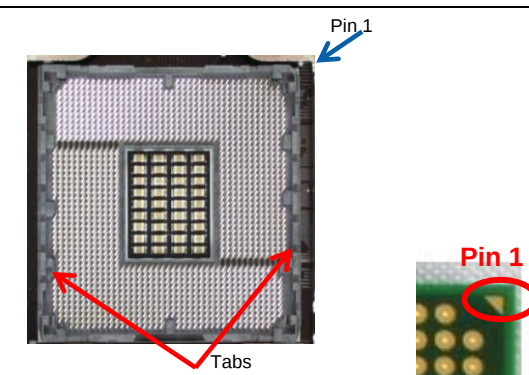
5. Graphics Card Required

10/29/2009

Intel Confidential

For more information, visit the Intel® Web site at: www.intel.com/go/desktopprocessors

Intel® Boxed Processor Reference Table*

Socket T LGA775		
Processor Front	Processor Back	Socket on Motherboard
		
Socket B LGA1366		
Processor Front	Processor Back	Socket on Motherboard
		
Socket H1 LGA1156		
Processor Front	Processor Back	Socket on Motherboard
