

Intel® Core™ i7 & i5 Compatibility Sheet



Intel® Core™ i7 and i5 in the new LGA1156 package

LGA1156 (Socket-H) supports the latest release of Intel® Core™ i7-800 and i5-700 series processors (Lynnfield) and Intel® P55 Express Chipset based on desktop boards

- These products deliver intelligent performance for faster multi-tasking, digital media creation, and gaming

Product Number	Cores/Threads	GHz	Max Turbo GHz*	Cache	Memory Speed (MHz)	Product Code
i7-870	4/8	2.93	3.60	8M	1333	BX80605I7870
i7-860	4/8	2.80	3.46	8M	1333	BX80605I7860
i5-750	4/4	2.66	3.20	8M	1333	BX80605I5750

*Intel® Turbo Boost Technology performance varies depending on hardware, software, and overall system configuration. See www.intel.com/technology/turboboost for more information.

Intel® Core™ i7 in the LGA1366 package

LGA1366 (Socket-B) supports the Intel® Core™ i7-900 series processors (Bloomfield) and is found on Intel® X58 Express Chipset-based desktop boards

- The best choice for Extreme Gaming and Enthusiast Platforms

Product Number	Cores/Threads	GHz	Max Turbo GHz*	Cache	Memory Speed (MHz)	Product Code
i7-975	4/8	3.33	Yes	8M	1066	BX80601975
i7-965	4/8	3.20	Yes	8M	1066	BX80601965
i7-950	4/8	3.06	Yes	8M	1066	BX80601950
i7-940	4/8	2.93	Yes	8M	1066	BX80601940
i7-920	4/8	2.66	Yes	8M	1066	BX80601920

Intel® P55 desktop boards with the new LGA1156 socket

Product Number	Series/Form Factor	Memory (2-channel)	Gfx (PCIe 2.0)	SATA/eSATA	Over-clocking level	Product Code/MM#
DP55KG	Extreme/ATX	4 DDR3-1600	1x16 or 2x8	8/2	Extreme	BOXDP55KG/901527
DP55SB	Extreme/μATX	4 DDR3-1600	1x16 or 2x8	6/1	Extreme	BOXDP55SB/901531
DP55WG	Media/ATX	4 DDR3-1600	1x16 or 2x8	6/0	Some	BOXDP55WG/901533
DP55WB	Media/μATX	4 DDR3-1333	1x16	6/0	Low	BOXDP55WB/902435

Intel® X58 desktop board with LGA1366 socket

Product Number	Series/Form Factor	Memory (2-channel)	Gfx (PCIe 2.0)	SATA/eSATA	Over-clocking level	Product Code/MM#
DX58SO	Extreme/ATX	4 DDR3-1600	2x16	6/2	Extreme	BOXDX5850/899068