Intel ® Core™ i7 Processor I7 - 950

Processor Specifications:

sSpec Number:	SLBEN	Package Type:	LGA1366
CPU Speed:	3.06 GHz	Manufacturing Technology:	45 nm
PCG:	08	Core Stepping:	D0
Bus Speed:	4.8 GT/s	CPUID String:	106A5
Bus/Core Ratio:	23	Thermal Design Power:	130W
L3 Cache Size:	8 MB	Thermal Specification:	67.9°C
L3 Cache Speed:		VID Voltage Range:	.80V - 1.375V

Product Documentation:

http://www.intel.com/design/corei7/documentation.htm

Product Order Codes:

Box Order Code: BX80601950

BXC80601950

OEM Order Code: AT80601002112AA

Supported Features:

? Quad Core
? Enhanced Intel Speedstep ® Technology
? Hyper - Threading Technology [1]
? Intel ® EM64T [2]
? Intel ® Virtualization Technology
? Enhanced Halt State (C1E)
? Execute Disable Bit [3]

Notes:

1/1/1/2 are the available frequency bins (+133 MHz)of Intel ® Turbo Boost Technology that are available for 4, 3, 2, 1 active cores respectively.

Legal Disclaimers:

1 Hyper - Threading Technology requires a computer system with an Intel ® Pentium ® 4 processor or Intel ® Core™ i7 processor supporting HT Technology and a Hyper - Threading Technology enabled chipset, BIOS and operating system. Performance will vary depending on the specific hardware and software you use. See http://www.intel.com/info/hyperthreading/ for more information including details on which processors support HT Technology.

2 Intel ® EM64T requires a computer system with a processor, chipset, BIOS, operating system, device drivers and applications enabled for Intel EM64T. Processor will not operate (including 32 - bit operation) without an Intel EM64T - enabled BIOS. Performance will vary depending on your hardware and software configurations. See http://www.intel.com/info/em64t for more information including details on which processors support Intel ® EM64T or consult with your system vendor for more information.

3 Enabling Execute Disable Bit functionality requires a PC with a processor with Execute Disable Bit capability and a supporting operating system. Check with your PC manufacturer on whether your system delivers Execute Disable Bit functionality.