



Home > Processor Spec Finder Home >

# Intel® Core™ i7 Processor I7 -920

How Do I Use This Tool?

Printer Friendly Format



## Processor Specifications:

sSpec Number: SLBEJ	Package Type: LGA1366
CPU Speed: 2.66 GHz	Manufacturing Technology: 45 nm
PCG: 08	Core Stepping: D0
Bus Speed: 4.8 GT/s	CPUID String: 106A5
Bus/Core Ratio: 20	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:** BXC80601920  
BX80601920

**OEM Order Code:** AT80601000741AA

## Supported Features:

- ? Quad Core
- ? Enhanced Intel Speedstep® Technology
- ? Hyper-Threading Technology<sup>1</sup>
- ? Intel® EM64T<sup>2</sup>
- ? Intel® Virtualization Technology
- ? Demand Based Switching
- ? Enhanced Halt State (C1E)
- ? Execute Disable Bit<sup>3</sup>

## 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.