

# Intel® Core™2 Quad Processor Q9400

## Processor Specifications:

sSpec Number: SLB6B	Package Type: LGA775
CPU Speed: 2.66 GHz	Manufacturing Technology: 45 nm
PCG: 05A	Core Stepping: R0
Bus Speed: 1333 MHz	CPUID String: 1067Ah
Bus/Core Ratio: 8	Thermal Design Power: 95W
L2 Cache Size: 6 MB	Thermal Specification: 71.4°C
L2 Cache Speed: 2.66 GHz	VID Voltage Range: 0.85V – 1.3625V

## Product Documentation:

<http://www.intel.com/design/core2quad/documentation.htm>

## Product Order Codes:

**Box Order Code:** BX80580Q9400  
BXC80580Q9400

**OEM Order Code:** AT80580PJ0676M

## Supported Features:

- Quad Core
- Enhanced Intel Speedstep® Technology
- Intel® EM64T <sup>1</sup>
- Intel® Virtualization Technology
- Enhanced Halt State (C1E)
- Execute Disable Bit <sup>2</sup>
- Intel® Thermal Monitor 2

## Notes:

These parts have Intel® Trusted Execution Technology (Intel® TXT) enabled.

These parts have PROCHOT# enabled.

These parts have THERMTRIP# enabled.

These parts have PECI enabled.

These parts have Extended Stop Grant State (C2E) enabled.

These parts have Deep Sleep State (C3E) enabled.

These parts have Deeper Sleep State (C4E) enabled.

## Legal Disclaimers:

<sup>1</sup> 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.

<sup>2</sup> 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.