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## Intel® Xeon® Processor E5310

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### Processor Specifications:

|                         |                                 |
|-------------------------|---------------------------------|
| sSpec Number: SL9XR     | Package Type: LGA771            |
| CPU Speed: 1.60 GHz     | Manufacturing Technology: 65 nm |
| PCG:                    | Core Stepping: B3               |
| Bus Speed: 1066 MHz     | CPUID String: 06F7h             |
| Bus/Core Ratio: 6.0     | Thermal Design Power: 80W       |
| L2 Cache Size: 8 MB     | Thermal Specification: 65°C     |
| L2 Cache Speed: 1.6 GHz | VID Voltage Range: 1.5V         |

### Product Documentation:

<http://support.intel.com/support/processors/sb/CS-028967.htm>

### Product Order Codes:

**Box Order Code:** BX80563E5310P  
BX80563E5310A

**OEM Order Code:** HH80563QH0258M

### Supported Features:

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

### Notes:

### Legal Disclaimers:

1 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.

2 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.