

## Intel® Pentium® Processor for Desktop E5300

### Processor Specifications:

sSpec Number:	SLGTL	Package Type:	LGA775
CPU Speed:	2.6 GHz	Manufacturing Technology:	45 nm
PCG:	06	Core Stepping:	R0
Bus Speed:	800 MHz	CPUID String:	1067Ah
Bus/Core Ratio:	13.0	Thermal Design Power:	65W
L2 Cache Size:	2 MB	Thermal Specification:	74.1°C
L2 Cache Speed:	2.6 GHz	VID Voltage Range:	0.85V – 1.3625V

### Product Order Codes:

**Box Order Code:** BX80571E5300  
BXC80571E5300

**OEM Order Code:** AT80571PG0642ML

### Supported Features:

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

### Notes:

Notes: These parts have PROCHOT# enabled  
These parts have THERMTRIP# enabled  
These parts have PECCI 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.