



Compare Desktop Processor Specifications

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	Intel® Pentium® D Processor 940	Intel® Pentium® D Processor 930	Intel® Pentium® D Processor 920
	Remove	Remove	Remove
Processor Number ^Δ	940	930	920
Architecture	65 nanometer technology	65 nanometer technology	65 nanometer technology
L2 Cache	2x2M	2x2M	2x2M
L3 Cache	N/A	N/A	N/A
Clock Speed	3.20 GHz	3 GHz	2.80 GHz
Front Side Bus Speed	800 MHz	800 MHz	800 MHz
Other Intel Technologies	Execute Disable Bit ^o , VT [±] , Intel® 64 ^o , Multi-Core	Execute Disable Bit ^o , VT [±] , Intel® 64 ^o , Multi-Core	Execute Disable Bit ^o , VT [±] , Intel® 64 ^o , Multi-Core
Package	FC-LGA	FC-LGA	FC-LGA
Chipset	Intel® 945 Express Chipset, Intel® 955X Express Chipset, Intel® 975X Express Chipset	Intel® 945 Express Chipset, Intel® 955X Express Chipset, Intel® 975X Express Chipset	Intel® 945 Express Chipset, Intel® 955X Express Chipset, Intel® 975X Express Chipset
Memory Type	Dual Channel DDR2 400/533/667	Dual Channel DDR2 400/533/667	Dual Channel DDR2 400/533/667
Boards	Intel® Desktop Board D975XBX, Intel® Desktop Board D955XCS, Intel® Desktop Board D955XBK	Intel® Desktop Board D975XBX, Intel® Desktop Board D955XCS, Intel® Desktop Board D955XBK	Intel® Desktop Board D975XBX, Intel® Desktop Board D955XCS, Intel® Desktop Board D955XBK
Slot/Socket Type	LGA775	LGA775	LGA775
Pin Count	775-land	775-land	775-land
sSpec Number	SL94Q	SL94R	SL94S
Where to buy a PC	Where to Buy	Where to Buy	Where to Buy
Where to buy boxed products	Where to Buy	Where to Buy	Where to Buy

^Δ Intel processor numbers are not a measure of performance. Processor numbers differentiate features within each processor family, not across different processor families. See http://www.intel.com/products/processor_number/ for details.

[†] Look for systems with the Intel® Pentium® 4 Processor with HT Technology logo and also including an Intel® 925X or 915 Express Chipset (see the product spec sheet or ask your salesperson). Performance and functionality will vary depending on (i) the specific hardware and software you use and (ii) the feature enabling/system configuration by your system vendor. See <http://www.intel.com/info/hyperthreading> for information on HT Technology or consult your system vendor for more information.

[±] Intel Virtualization Technology requires a computer system with a processor, chipset, BIOS, virtual machine monitor (VMM) and applications enabled for virtualization technology. Functionality, performance or other virtualization technology benefits will vary depending on hardware and software configurations. Virtualization technology-enabled BIOS and VMM applications are currently in development.

^o 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 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.

^o 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.

* Enhanced HALT State (C1E) and Enhanced Intel SpeedStep® Technology (EIST) for specified units of this processor available Q2/06. See the Processor Spec Finder at <http://processorfinder.intel.com> or contact your Intel representative for more information.

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