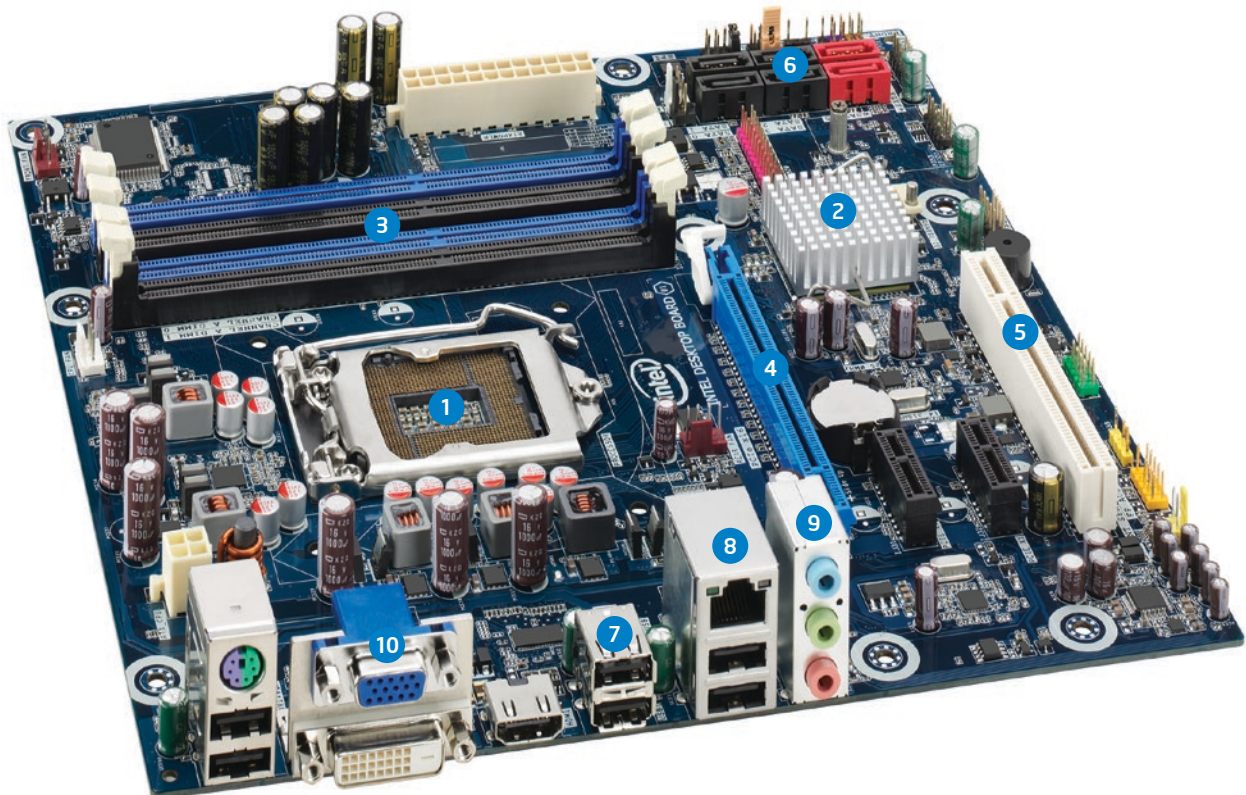


Intel® Desktop Board DH55TC

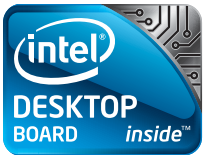
Media Series

For the Intel® Core™ i7 and Intel® Core™ i5 processors in the LGA1156 package



- 1 Support for the Intel® Core™ i7 and Intel® Core™ i5 processors in the LGA1156 package, featuring Intel® Turbo Boost Technology¹ and Intel® Hyper-Threading Technology² for exceptional performance and scalability
- 2 Intel® H55 Express Chipset
- 3 Dual-channel DDR3 with four slots for 1333 / 1066 MHz memory support (16 GB³ max)
- 4 PCI Express* 2.0 x16 graphics connector
- 5 Two PCI Express* x1 connectors and one PCI connector for peripheral card expansion
- 6 Six SATA ports, including two onboard eSATA (3.0 Gb/s)
- 7 Twelve Hi-Speed USB 2.0 ports (six back panel ports and six additional ports via three internal headers)
- 8 Integrated Intel® PRO 10/100/1000 Network Connection
- 9 Eight-channel Intel® High Definition Audio⁴
- 10 VGA + DVI-D + HDMI*⁵ for the most flexible display output





Intel® Desktop Board DH55TC

Media Series

For the Intel® Core™ i7 and Intel® Core™ i5 processors in the LGA1156 package

Processor Support	<ul style="list-style-type: none"> Support for the Intel® Core™ i7, Intel® Core™ i5, Intel® Core™ i3, and Intel® Pentium® processors in the LGA1156 package
Chipset	<ul style="list-style-type: none"> Intel® H55 Express Chipset
Memory	<ul style="list-style-type: none"> Four dual-channel DDR3 DIMM sockets Support for DDR3 1333 / 1066 MHz (16 GB³ max)
Graphics	<ul style="list-style-type: none"> One PCI Express* 2.0 x16 graphics connector VGA + DVI-D + HDMI*⁵ output
Expandability	<ul style="list-style-type: none"> Six SATA ports (3.0 Gb/s), including two onboard eSATA ports Twelve USB 2.0 ports (six external ports, six ports via internal headers) Two PCI Express* x1 connectors, one PCI connector
Legacy Support	<ul style="list-style-type: none"> One PS/2 port One serial port header One parallel port header
Audio	<ul style="list-style-type: none"> Eight-channel Intel® High Definition Audio⁴ Three stack analog audio ports S/PDIF out header onboard Front panel mic/headphone header Internal speaker header
Connectivity	<ul style="list-style-type: none"> Integrated Intel® PRO 10/100/1000 Network Connection
Additional Features	<ul style="list-style-type: none"> Windows Vista* Premium WHQL certified Windows* 7 WHQL certified
Form Factor	<ul style="list-style-type: none"> MicroATX (9.6" x 9.6")



For more information on Intel® Desktop Boards, visit www.intel.com/go/idb
For specific CPU compatibility, visit www.intel.com/go/findCPU

¹ Intel® Turbo Boost Technology requires a PC with a processor with Intel Turbo Boost Technology capability. Intel Turbo Boost Technology performance varies depending on hardware, software, and overall system configuration. Check with your PC manufacturer on whether your system delivers Intel Turbo Boost Technology. See www.intel.com/technology/turboboost for more information.

² Intel® Hyper-Threading Technology requires a computer system with a processor supporting HT Technology and an HT Technology-enabled chipset, BIOS, and operating system. Performance will vary depending on the specific hardware and software you use. For more information including details on which processors support HT Technology, see www.intel.com/info/hyperthreading.

³ System resources and hardware (such as PCI and PCI Express*) require physical memory address locations that can reduce available addressable system memory. This could result in a reduction of as much as 1 GB or more of physical addressable memory being available to the operating system and applications, depending on the system configuration and operating system.

⁴ Intel® High Definition Audio requires a system with an appropriate Intel® chipset and a motherboard with an appropriate codec and the necessary drivers installed. System sound quality will vary depending on actual implementation, controller, codec, drivers, and speakers. For more information about Intel® HD Audio, refer to www.intel.com/design/chipsets/hdaudio.htm.

⁵ Requires a processor with Intel® Graphics Technology.

Actual Intel® Desktop Board may differ from the image shown.

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