



INTEL® DESKTOP BOARDS MEDIA SERIES PRODUCT COMPARISON

INTEL® DESKTOP BOARDS MEDIA SERIES: BUILT FOR CREATIVITY



The Intel® Desktop Boards Media Series combines must-have performance with leading-edge technology to empower a peak digital media experience. These high-performance boards are designed to deliver a compelling visual and audio experience for digital creativity and entertainment.

Following is a feature listing of the Intel Desktop Board Media Series Boards. This listing will allow you to compare and contrast the differences in each product to help you select the best Intel Desktop Board for your application. For a full technical description of each board, visit www.intel.com/products/desktop/motherboard/media.htm



	Media Series	Media Series	Media Series
Series	Media Series	Media Series	Media Series
Product Family	Intel® Desktop Board DP67BA	Intel® Desktop Board DP67DE	Intel® Desktop Board DH67CF
Form Factor	ATX	MicroATX	Mini-ITX
Product Code / UPC	BOXDP67BA / 00735858217088	BOXDP67DE / 00735858217125	BOXDH67CF / 00735858216999
10-pack Product Code / UPC	BLKDP67BA / 00735858217057	BLKDP67DE / 00735858217071	BLKDH67CF / 00735858216944
Processor Support	2nd generation Intel® Core™ i7, Intel® Core™ i5, Intel® Core™ i3, and other Intel® processors in the LGA1155 package	2nd generation Intel® Core™ i7, Intel® Core™ i5, Intel® Core™ i3, and other Intel® processors in the LGA1155 package	2nd generation Intel® Core™ i5 and Intel® Core™ i3 processors in the LGA1155 package
Intel® QPI (GT/s)¹ / Supported FSB (MHz)	N/A	N/A	N/A
Chipset	Intel® P67 Express Chipset	Intel® P67 Express Chipset	Intel® H67 Express Chipset
Supports HT Technology²	Yes	Yes	Yes
Integrated Graphics Core³	N/A	N/A	Intel® HD Graphics (DisplayPort* + HDMI* + DVI-I)
Discrete Graphics Connector	One PCI Express* 2.0 x16 connector	One PCI Express* 2.0 x16 connector	One PCI Express* 2.0 x16 connector
Memory Support	Dual-channel DDR3 with four connectors for 1333 / 1066 MHz memory (32 GB ⁴ max) 1.2 V to 1.8 V memory voltage control for max DIMM compatibility	Dual-channel DDR3 with four connectors for 1333 / 1066 MHz memory (32 GB ⁴ max) 1.2 V to 1.8 V memory voltage control for max DIMM compatibility	Dual-channel DDR3 with two connectors for 1333 / 1066 MHz memory (16 GB ⁴ max) 1.2 V to 1.8 V memory voltage control for max DIMM compatibility
Expansion Connectors	Two PCI Express* 2.0 x1 connectors and two PCI connectors	Two PCI Express* 2.0 x1 connectors and one PCI connector	N/A
Audio	Ten-channel Intel® High Definition Audio ⁵	Ten-channel Intel® High Definition Audio ⁵	Ten-channel Intel® High Definition Audio ⁵
USB Ports	Fourteen USB 2.0 ports (six external ports and eight via internal headers) and two USB 3.0 ports	Fourteen USB 2.0 ports (six external ports and eight additional ports via internal headers) and two USB 3.0 ports	Ten USB 2.0 ports (four external ports and six additional ports via internal headers) and two USB 3.0 ports
1394 Ports	Two IEEE 1394a ports (one external port and one via internal header)	Two IEEE 1394a ports (one external port and one via internal header)	N/A
Storage	Three SATA ports (3.0 Gb/s) with one port compatible with eSATA extension, two SATA ports (6.0 Gb/s), and one eSATA back panel port (3.0 Gb/s)	Three SATA ports (3.0 Gb/s) with one port compatible with eSATA extension, two SATA ports (6.0 Gb/s), and one eSATA back panel port (3.0 Gb/s)	Two SATA ports (3.0 Gb/s) with one port compatible with eSATA extension, two SATA ports (6.0 Gb/s), and one eSATA back panel port (3.0 Gb/s)
RAID	Intel® Rapid Storage Technology for RAID 0, 1, 5, and 10	Intel® Rapid Storage Technology for RAID 0, 1, 5, and 10	Intel® Rapid Storage Technology for RAID 0, 1, 5, and 10
Onboard LAN	Intel® PRO 10/100/1000 Network Connection	Intel® PRO 10/100/1000 Network Connection	Intel® PRO 10/100/1000 integrated NIC
Trusted Platform Module	N/A	N/A	N/A
Lead Free	Yes	Yes	Yes
Software	Intel® Core Utilities Bundle ⁶ Intel® Desktop Utilities Laplink® PCmover Express* ESET® Smart Security 4	Intel® Core Utilities Bundle ⁶ Intel® Desktop Utilities Laplink® PCmover Express* ESET® Smart Security 4	Intel® Core Utilities Bundle ⁶ Intel® Desktop Utilities Laplink® PCmover Express* ESET® Smart Security 4
BIOS	N/A	N/A	N/A
WHQL Support	Windows Vista® Premium Windows® 7	Windows Vista® Premium Windows® 7	Windows Vista® Premium
Warranty	3 year limited warranty	3 year limited warranty	3 year limited warranty



Series	Media Series	Media Series	Media Series
Product Family	Intel® Desktop Board DH67GD	Intel® Desktop Board DH67BL	Intel® Desktop Board DH67CL
Form Factor	MicroATX	MicroATX	ATX
Product Code / UPC	BOXDH67GD / 00735858217033	BOXDH67BL / 00735858216975	BOXDH67CL / 00735858217019
10-pack Product Code / UPC	BLKDH67GD / 00735858216968	BLKDH67BL / 00735858216937	BLKDH67CL / 00735858216951
Processor Support	2nd generation Intel® Core™ i7, Intel® Core™ i5, and Intel® Core™ i3 processors in the LGA1155 package	2nd generation Intel® Core™ i7, Intel® Core™ i5, and Intel® Core™ i3 processors in the LGA1155 package	2nd generation Intel® Core™ i7, Intel® Core™ i5, and Intel® Core™ i3 processors in the LGA1155 package
Intel® QPI (GT/s)¹ / Supported FSB (MHz)	N/A	N/A	N/A
Chipset	Intel® H67 Express Chipset	Intel® H67 Express Chipset	Intel® H67 Express Chipset
Supports HT Technology²	Yes	Yes	Yes
Integrated Graphics Core³	Intel® HD Graphics (DisplayPort* + HDMI* + DVI-I)	Intel® HD Graphics (HDMI* + DVI-I)	Intel® HD Graphics (HDMI* + DVI-I)
Discrete Graphics Connector	One PCI Express* 2.0 x16 connector	One PCI Express* 2.0 x16 connector	One PCI Express* 2.0 x16 connector
Memory Support	Dual-channel DDR3 with four connectors for 1333 / 1066 MHz memory (32 GB ⁴ max) 1.2 V to 1.8 V memory voltage control for max DIMM compatibility	Dual-channel DDR3 with four connectors for 1333 / 1066 MHz memory (32 GB ⁴ max) 1.2 V to 1.8 V memory voltage control for max DIMM compatibility	Dual-channel DDR3 with four connectors for 1333 / 1066 MHz memory (32 GB ⁴ max) 1.2 V to 1.8 V memory voltage control for max DIMM compatibility
Expansion Connectors	Two PCI Express* 2.0 x1 connectors and one PCI connector	Two PCI Express* 2.0 x1 connectors and one PCI connector	Two PCI Express* 2.0 x1 connectors and three PCI connectors
Audio	Ten-channel Intel® High Definition Audio ⁵	Ten-channel Intel® High Definition Audio ⁵	Ten-channel Intel® High Definition Audio ⁵
USB Ports	Fourteen USB 2.0 ports (six external ports and eight via internal headers) and two USB 3.0 ports	Fourteen USB 2.0 ports (six external ports and eight additional ports via internal headers) and two USB 3.0 ports	Fourteen USB 2.0 ports (six external ports and eight additional ports via internal headers) and two USB 3.0 ports
1394 Ports	Two IEEE 1394a ports (one back panel port and one via internal header)	N/A	N/A
Storage	Three SATA ports (3.0 Gb/s) with one port compatible with eSATA extension, two SATA ports (6.0 Gb/s), and one eSATA back panel port (3.0 Gb/s)	Three SATA ports (3.0 Gb/s) with one port compatible with eSATA extension, two SATA ports (6.0 Gb/s), and one eSATA back panel port (3.0 Gb/s)	Three SATA ports (3.0 Gb/s) with one port compatible with eSATA extension, two SATA ports (6.0 Gb/s), and one eSATA back panel port (3.0 Gb/s)
RAID	Intel® Rapid Storage Technology for RAID 0, 1, 5, and 10	Intel® Rapid Storage Technology for RAID 0, 1, 5, and 10	Intel® Rapid Storage Technology for RAID 0, 1, 5, and 10
Onboard LAN	Intel® PRO 10/100/1000 integrated NIC	Intel® PRO 10/100/1000 integrated NIC	Intel® PRO 10/100/1000 integrated NIC
Trusted Platform Module	N/A	N/A	N/A
Lead Free	Yes	Yes	Yes
Software	Intel® Core Utilities Bundle ⁶ Intel® Desktop Utilities Laplink® PCmover Express* ESET® Smart Security 4	Intel® Core Utilities Bundle ⁶ Intel® Desktop Utilities Laplink® PCmover Express* ESET® Smart Security 4	Intel® Core Utilities Bundle ⁶ Intel® Desktop Utilities Laplink® PCmover Express* ESET® Smart Security 4
BIOS	N/A	N/A	N/A
WHQL Support	Windows Vista® Premium Windows® 7	Windows Vista® Premium Windows® 7	Windows Vista® Premium Windows® 7
Warranty	3 year limited warranty	3 year limited warranty	3 year limited warranty



Series	Media Series	Media Series	Media Series
Product Family	Intel® Desktop Board DP55WG	Intel® Desktop Board DP55WB	Intel® Desktop Board DH57JG
Form Factor	ATX	MicroATX	Mini-ITX
Product Code / UPC	BOXDP55WG / 00735858206037	BOXDP55WB / 00735858209144	BOXDH57JG / 00735858210232
10-pack Product Code / UPC	BLKDP55WG / 00735858206044	BLKP55WB / 00735858209151	BLKDH57JG / 00735858210249
Processor Support	Intel® Core™ i7, Intel® Core™ i5, and Intel® Core™ i3 processors in the LGA1156 package	Intel® Core™ i7, Intel® Core™ i5, and Intel® Core™ i3 processors in the LGA1156 package	Intel® Core™ i7, Intel® Core™ i5, and Intel® Core™ i3 processors in the LGA1156 package
Intel® QPI (GT/s)¹ / Supported FSB (MHz)	N/A	N/A	N/A
Chipset	Intel® P55 Express Chipset	Intel® P55 Express Chipset	Intel® H57 Express Chipset
Supports HT Technology²	Yes	Yes	Yes
Integrated Graphics Core³	N/A	N/A	Intel® HD Graphics (HDMI* + DVI-I)
Discrete Graphics Connector	Two PCI Express* 2.0 x16 connectors (<i>electrical x8</i>) and one PCI Express 2.0 x16 connector (<i>electrical x4</i>)	One PCI Express* 2.0 x16 connector	One PCI Express* 2.0 x16 connector
Memory Support	Dual-channel DDR3 with four connectors for 1600+ / 1333 / 1066 MHz memory (<i>16 GB* max</i>)	Dual-channel DDR3 with four connectors for 1333 / 1066 MHz memory (<i>16 GB* max</i>)	Dual-channel DDR3 with four connectors for 1333 / 1066 MHz memory (<i>16 GB* max</i>)
Expansion Connectors	Two PCI Express 2.0 x1 connectors and two PCI connectors	Two PCI Express 2.0 x1 connectors and one PCI connector	N/A
Audio	Ten-channel Intel® High Definition Audio ⁵ with Dolby® Home Theater (<i>five back panel analog ports and one optical port</i>)	Eight-channel Intel® High Definition Audio ⁵ (<i>three back panel analog ports</i>)	Ten-channel Intel® High Definition Audio ⁵ with Dolby® Home Theater (<i>five back panel analog ports and one optical port</i>)
USB Ports	Fourteen Hi-Speed USB 2.0 ports (<i>eight back panel ports and six additional ports via three internal headers</i>)	Fourteen Hi-Speed USB 2.0 ports (<i>eight back panel ports and six additional ports via three internal headers</i>)	Twelve Hi-Speed USB 2.0 ports (<i>six back panel ports and six additional ports via three internal headers</i>)
1394 Ports	Two IEEE 1394a ports (<i>one back panel port and one additional port via internal header</i>)	Two IEEE 1394a ports (<i>one back panel port and one additional port via internal header</i>)	N/A
Storage	Six SATA ports (<i>3.0 Gb/s</i>)	Six SATA ports (<i>3.0 Gb/s</i>)	Four SATA ports (<i>3.0 Gb/s</i>) and one eSATA port
RAID	Intel® Rapid Storage Technology for RAID 0, 1, 5, and 10	Intel® Rapid Storage Technology for RAID 0, 1, 5, and 10	Intel® Rapid Storage Technology for RAID 0, 1, 5, and 10
Onboard LAN	Intel® PRO 10/100/1000 Network Connection	Intel® PRO 10/100/1000 Network Connection	Intel® PRO 10/100/1000 Network Connection
Trusted Platform Module	N/A	N/A	N/A
Lead Free	Yes	Yes	Yes
Software	Intel® Core Utilities Bundle ⁶ Intel® Desktop Utilities Diskeeper* Pro Premier (<i>Microsoft® Windows® XP and Windows Vista™</i>) DivX* Pro for Windows* Dolby® Control Center Laplink® PCmover Express* Norton Internet Security* 2009	Intel® Core Utilities Bundle ⁶ Intel® Desktop Utilities DivX* for Windows* Laplink® PCmover Express* Norton Internet Security* 2009	Intel® Core Utilities Bundle ⁶ Intel® Desktop Utilities DivX* Pro for Windows* Dolby® Control Center ESET® Smart Security 4 Laplink® PCmover Express*
BIOS	Intel® Easy Update Intel® Quiet System Technology Intel® Smart Recovery Digital Signature Technology Unified Firmware Interface (UEFI)	Intel® Easy Update Intel® Quiet System Technology Intel® Smart Recovery Digital Signature Technology Unified Firmware Interface (UEFI)	Intel® Easy Update Intel® Quiet System Technology Intel® Smart Recovery Digital Signature Technology Unified Firmware Interface (UEFI)
WHQL Support	Windows Vista Premium Windows* 7	Windows Vista* Premium Windows* 7	Windows Vista* Premium Windows* 7
Warranty	3 year limited warranty	3 year limited warranty	3 year limited warranty



Series	Media Series	Media Series	Media Series
Product Family	Intel® Desktop Board DH57DD	Intel® Desktop Board DH55TC	Intel® Desktop Board DH55HC
Form Factor	MicroATX	MicroATX	ATX
Product Code / UPC	BOXDH57DD / 00735858213264	BOXDH55TC / 00735858210171	BOXDH55HC / 00735858210218
10-pack Product Code / UPC	BLKDH57DD / TBD	BLKDH55TC / 00735858210188	BLKDH55HC / 00735858210201
Processor Support	Intel® Core™ i7, Intel® Core™ i5, Intel® Core™ i3, and Intel® Pentium® processors in the LGA1156 package	Intel® Core™ i7, Intel® Core™ i5, and Intel® Core™ i3 processors in the LGA1156 package	Intel® Core™ i7, Intel® Core™ i5, and Intel® Core™ i3 processors in the LGA1156 package
Intel® QPI (GT/s)¹ / Supported FSB (MHz)	N/A	N/A	N/A
Chipset	Intel® H57 Express Chipset	Intel® H55 Express Chipset	Intel® H55 Express Chipset
Supports HT Technology²	Yes	Yes	Yes
Integrated Graphics Core³	Intel® HD Graphics (HDMI* + DVI)	Intel® HD Graphics (HDMI* + DVI-D + VGA)	Intel® HD Graphics (HDMI* + DVI-D + VGA)
Discrete Graphics Connector	One PCI Express* 2.0 x16 connector	One PCI Express* 2.0 x16 connector	One PCI Express* 2.0 x16 connector
Memory Support	Dual-channel DDR3 with four connectors for 1333 / 1066 MHz memory (16 GB ⁴ max)	Dual-channel DDR3 with four connectors for 1333 / 1066 MHz memory (16 GB ⁴ max)	Dual-channel DDR3 with four connectors for 1333 / 1066 MHz memory (16 GB ⁴ max)
Expansion Connectors	One PCI Express 2.0 x1 connector and two PCI connectors	Two PCI Express 2.0 x1 connectors and one PCI connector	Two PCI Express 2.0 x1 connectors and three PCI connectors
Audio	Ten-channel Intel® High Definition Audio ⁵ with Dolby® Home Theater (five back panel analog ports and one optical port)	Eight-channel Intel® High Definition Audio ⁵ (three back panel analog ports)	Eight-channel Intel® High Definition Audio ⁵ (three back panel analog ports)
USB Ports	Fourteen Hi-Speed USB 2.0 ports (six back panel ports and eight additional ports via four internal headers)	Twelve Hi-Speed USB 2.0 ports (six back panel ports and six additional ports via three internal headers)	Twelve Hi-Speed USB 2.0 ports (six back panel ports and six additional ports via three internal headers)
1394 Ports	Two IEEE 1394a ports (one back panel port and one additional port via internal header)	N/A	N/A
Storage	Five SATA ports (3.0 Gb/s) and one eSATA port	Six SATA ports (3.0 Gb/s) with two ports compatible with eSATA dongles	Six SATA ports (3.0 Gb/s) with two ports compatible with eSATA dongles
RAID	Intel® Rapid Storage Technology for RAID 0, 1, 5, and 10	N/A	N/A
Onboard LAN	Intel® PRO 10/100/1000 Network Connection	Intel® PRO 10/100/1000 Network Connection	Intel® PRO 10/100/1000 Network Connection
Trusted Platform Module	N/A	N/A	N/A
Lead Free	Yes	Yes	Yes
Software	Intel® Core Utilities Bundle ⁶ Intel® Desktop Utilities DivX* Pro for Windows* Dolby® Control Center ESET* Smart Security 4 Laplink* PCmover Express*	Intel® Core Utilities Bundle ⁶ Intel® Desktop Utilities DivX* for Windows* ESET* Smart Security 4 Laplink* PCmover Express*	Intel® Core Utilities Bundle ⁶ Intel® Desktop Utilities DivX* for Windows* ESET* Smart Security 4 Laplink* PCmover Express*
BIOS	Intel® Easy Update Intel® Quiet System Technology Intel® Smart Recovery Digital Signature Technology Unified Firmware Interface (UEFI)	Intel® Easy Update Intel® Quiet System Technology Intel® Smart Recovery Digital Signature Technology Unified Firmware Interface (UEFI)	Intel® Easy Update Intel® Quiet System Technology Intel® Smart Recovery Digital Signature Technology Unified Firmware Interface (UEFI)
WHQL Support	Windows Vista* Premium Windows* 7	Windows Vista* Premium Windows* 7	Windows Vista* Premium Windows* 7
Warranty	3 year limited warranty	3 year limited warranty	3 year limited warranty

For more information, visit the Intel Web site at: www.intel.com/products/desktop/motherboard/media.htm

¹ Intel® QPI—Intel® QuickPath Interconnect; GT/s—Gigatransfers per second.

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 Requires a processor with Intel® HD Graphics.

⁴ 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.

⁵ 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

⁶ The Intel® Core Utilities Bundle includes Intel® Integrator Assistant, Intel® Integrator Toolkit, Intel® Express Installer, and Intel® Express BIOS Update.

⁷ Requires a custom thermal solution—Pairing a mini-ITX chassis with the thermal solution supplied with an Intel® Core™ i7 processor will not meet the thermal requirements of an Intel Core i7 processor. Therefore, before pairing the Intel® Desktop Board DH57JG with an Intel Core i7 processor, verify that your thermal solution and chassis will meet the necessary thermal requirements. Failing to do so will cause the processor to throttle, significantly decreasing system performance.

Intel® Desktop Boards may contain design defects or errors known as errata, which may cause the product to deviate from published specifications. Current characterized errata are available on request. All products and dates specified are preliminary based on current expectations and are subject to change without notice. Availability in different channels may vary.

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