

## Intel BLKDH77EB motherboard Intel H77 LGA 1155 (Socket H2) micro ATX

**Brand :** Intel

**Product code:** BLKDH77EB

**Product name :** BLKDH77EB

Desktop Board DH77EB

Intel BLKDH77EB motherboard Intel H77 LGA 1155 (Socket H2) micro ATX:

The Intel® Desktop Board DH77EB supports the 2nd generation, the 3rd generation Intel® Core™ i7, Intel® Core™ i5 processors and other Intel® processors in the LGA1155 package. The board is featured with DVI-I, HDMI and DisplayPort connectors and supports dual independent display for processors with Intel® HD Graphics. The Intel® Desktop Board DH77EB supports Intel® HD Graphics with the Lucidlogix Virtu Universal software, which combines best-in-class media processing features of the Intel® Core™ processors with the 3D gaming performance of graphics add-in cards.

Intel® Desktop Board DH77EB also offers a PCI Express Mini Card connector with support for mSATA Solid-State Drive for Intel® Smart Response Technology.



Processor		Expansion slots	
Processor manufacturer *	Intel	PCI Express x1 (Gen 2.x) slots	3
Processor socket *	LGA 1155 (Socket H2)	PCI Express x16 slots	1
Compatible processor series *	Intel® Celeron®, Intel® Pentium®	PCI Express x16 (Gen 2.x) slots	1
Maximum internal memory supported by processor	32 GB	Mini PCI Express slots	1
Product family	Desktop board	PCI Express slots version	2.0, 2.1
Product series	Intel desktop board with Intel H77 Express	Mini PCI Express slot (full length)	1
Memory		Processor special features	
Supported memory types *	DDR3-SDRAM	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Number of memory slots *	4	Intel Dual Display Capable Technology	✓
Memory slots type	DIMM	Intel Rapid Storage Technology	✓
Memory channels	Dual-channel	Intel® High Definition Audio (Intel® HD Audio)	✓
ECC	✗	Processor with Intel Graphics Technology required	✓
Supported memory clock speeds	1600 MHz	Intel Clear Video Technology	✓
Maximum internal memory *	32 GB	Logistics data	
Storage controllers		Harmonized System (HS) code	8473301180
Supported storage drive interfaces *	SATA, SATA II, SATA III	Other features	
RAID levels	0, 1, 5, 10	Audio output	10
Graphics		Maximum internal memory	32768 MB
On-board graphics card	✓	Number of DIMM slots	4
Discrete graphics support	1 PCIe 3.0 x16	Number of processors supported	1
Number of displays supported	2	Serial port via internal header	✓
Internal I/O		Parallel port via internal header	✓
USB 2.0 connectors *	6	Consumer infrared headers	✓
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	2	Supplemental SKU	✗
Number of SATA III connectors *	2	Embedded options available	✗
Number of SATA II connectors	3	CPU configuration (max)	1
Number of SATA connectors	5	Discrete graphics card model	1 PCIe 3.0 x16
Total number of SATA connectors	5	Graphics output	HDMI DP DVI-I

Internal I/O		Other features	
S/PDIF out connector	✓	Audio channels	8.2
<b>Rear panel I/O ports</b>		Consumer infrared Rx sensor	✓
USB 2.0 ports quantity *	4	Commodity Classification Automated Tracking System (CCATS)	G400445
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2	Export Control Classification Number (ECCN)	5A992C
Ethernet LAN (RJ-45) ports *	1	Motherboard ARK ID	59505
eSATA ports quantity	1	<b>Technical details</b>	
HDMI ports quantity *	1	Born on date	Q2'12
DVI-I ports quantity	1	Launch date	Q2'12
DisplayPorts quantity	1	Product name	Intel Desktop Board DH77EB
S/PDIF out port	✓	Product type	Desktop Board
Parallel ports quantity	1	Requires a processor with Intel Graphics Technology	✓
Serial ports quantity	1	Status	Discontinued
<b>Network</b>		USB ports quantity	14
Ethernet LAN	✓	Maximum memory	32 GB
Ethernet interface type	Gigabit Ethernet	Supported RAID configuration	0,1,5,10
Networking features	10/100/1000 Mbps	Last change	63903513
<b>Features</b>		USB 3.2 Gen 1 (3.1 Gen 1) ports quantity	2.2
Motherboard chipset *	Intel H77	Form factor	Micro ATX
Component for *	PC	Sustainability certificates	ENERGY STAR
Extended Life Program (XLP)	✗		
Motherboard form factor *	micro ATX		
Motherboard chipset family *	Intel		
Power source type	ATX		
Market segment	Desktop		
<b>Expansion slots</b>			
PCI Express x1 slots	3		



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