

## Intel BLKDZ75ML45K motherboard Intel® Z75 Express LGA 1155 (Socket H2) micro ATX

**Brand :** Intel

**Product code:** BLKDZ75ML45K

**Product name :** BLKDZ75ML45K

Desktop Board DZ75ML-45K

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Latest in a series of Intel® Desktop boards optimized for the Intel® -K processors, the Intel Desktop Board DZ75ML-45K is targeted for performance enthusiasts who are looking for a more affordable solution within the new -K series of the Intel® Desktop Boards in a microATX form factor. This Intel® Z75 Express Chipset-based product allows overclocking of the Core as well as the Graphics, and Memory frequencies. The Intel Desktop Board DZ75ML-45K also supports Intel® HD Graphics with the LucidLogix Virtu MVP GPU Virtualization software.

Intel BLKDZ75ML45K. Processor manufacturer: Intel, Processor socket: LGA 1155 (Socket H2), System bus rate: 5 GT/s. Supported memory types: DDR3-SDRAM, Maximum internal memory: 32.23 GB, Memory slots type: DIMM. Supported storage drive interfaces: SATA, RAID levels: 0, 1, 5, 10. Graphics card family: Intel, Graphics card: HD Graphics. Ethernet interface type: Gigabit Ethernet, LAN controller: Intel® 82579V



Processor		Expansion slots	
Processor manufacturer *	Intel	PCI Express x1 (Gen 2.x) slots	2
Processor socket *	LGA 1155 (Socket H2)	PCI Express x16 (Gen 2.x) slots	2
System bus rate	5 GT/s	PCI Express x16 (Gen 3.x) slots	1
Intel Core i3/i5/i7/i9 series	i3-2xxx, i3-3xxx, i5-2xxx, i5-3xxx, i7-2xxx, i7-2xxx Extreme Edition, i7-3xxx	PCI Express slots version	3.0
Maximum internal memory supported by processor	32 GB	BIOS	
Product family	Desktop board	BIOS type *	EFI
Product series	Intel desktop board with Intel Z75 Express	BIOS memory size	64 Mbit
Memory		Processor special features	
Supported memory types *	DDR3-SDRAM	Intel Rapid Storage Technology	✓
Number of memory slots *	4	Intel® High Definition Audio (Intel® HD Audio)	✓
Memory slots type	DIMM	Operational conditions	
Memory channels	Dual-channel	Storage temperature (T-T)	-20 - 70 °C
Memory voltage	1.2,1.5,1.8 V	Operating temperature (T-T)	0 - 55 °C
ECC	✗	Logistics data	
Non-ECC	✓	Harmonized System (HS) code	8473301180
Supported memory clock speeds	1066,1333,1600,2400 MHz	Weight & dimensions	
Maximum internal memory *	32.23 GB	Width	243.8 mm
		Depth	243.8 mm
Storage controllers		Packaging content	
Supported storage drive interfaces *	SATA	Cables included	SATA
RAID levels	0, 1, 5, 10	Bundled software	Intel Integrator Tool Kit Intel Desktop Utilities Splashtop Remote Desktop Antivirus McAfee Antivirus Plus Lucid Virtu MVP Software
Graphics		Other features	
Parallel processing technology support *	Not supported	Quick installation guide	✓
On-board graphics card	✓	Maximum internal memory	33000 MB
Graphics card family	Intel	Number of DIMM slots	4
Graphics card	HD Graphics	Number of processors supported	1
Discrete graphics support	✓		

Internal I/O		Other features	
USB 2.0 connectors *	6	Back-to-BIOS button	✘
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	2	Serial port via internal header	✘
Number of SATA III connectors *	2	Parallel port via internal header	✘
Number of SATA II connectors	4	Embedded options available	✘
Number of SATA connectors	6	CPU configuration (max)	1
Total number of SATA connectors	6	Discrete graphics card model	1 PCIe 3.0x16
Front panel audio connector	✓	Graphics output	HDMI DVI-I
Chassis intrusion connector	✓	Audio channels	6.2
Rear panel I/O ports		Commodity Classification Automated Tracking System (CCATS)	G400445
USB 2.0 ports quantity *	4	Export Control Classification Number (ECCN)	5A992C
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2	Motherboard ARK ID	69307
Ethernet LAN (RJ-45) ports *	1	Technical details	
HDMI ports quantity *	1	Born on date	Q3'12
DVI-I ports quantity	1	Launch date	Q3'12
Network		Product name	Intel Desktop Board DZ75ML-45K
Ethernet LAN	✓	Product type	Desktop Board
Ethernet interface type	Gigabit Ethernet	Status	Discontinued
LAN controller	Intel® 82579V	USB ports quantity	14
Features		Maximum memory	32.23 GB
Motherboard chipset *	Intel® Z75 Express	Supported RAID configuration	0,1,5,10
Audio output channels *	5.1 channels	Last change	63903513
Component for *	PC	USB 3.2 Gen 1 (3.1 Gen 1) ports quantity	2.2
Extended Life Program (XLP)	✘	Form factor	Micro ATX
Motherboard form factor *	micro ATX		
Motherboard chipset family *	Intel		
Power source type	ATX		
Market segment	Desktop		
Certification	RoHS, WEEE, CISPR 22, CNS, FCC CFR		



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