

Intel BOXDB85FL motherboard Intel® B85 LGA 1150 (Socket H3) micro ATX

Brand : Intel

Product code: BOXDB85FL

Product name : BOXDB85FL



DB85FL: Micro ATX, LGA1150, 95W, HDMI, DVI-I, PCIe x16 Gen 3, 10/100/1000 Mbps, 4x SATA 6.0Gb/s

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The Intel® Desktop Board DB85FL, featuring 4th generation Intel® Core™ processors with Intel® Small Business Advantage, simplifies your maintenance and security tasks with built-in IT support.

Intel Desktop Board DB85FL supports the 4th generation Intel® Core™ i7 processors, Intel® Core™ i5 processors, and other Intel® processors in the land grid array (LGA) 1150 package. Features include flexible dual independent video outputs with HDMI and DVI-I ports for processors with Intel® HD Graphics, two USB 3.0 ports with up to 5Gb/s signaling rate for high-speed connections to peripherals, one USB 3.0 header for two front panel USB 3.0 ports, and eight-channel Intel® High Definition Audio (Intel® HD Audio) with multi-streaming capability.



Processor		Features	
Processor manufacturer *	Intel	Power source type	ATX
Processor socket *	LGA 1150 (Socket H3)	Market segment	Desktop
Compatible processor series *	Intel® Core™ i5, Intel® Core™ i7	Expansion slots	
Processor thermal power (max)	95 W	PCI Express x1 slots	2
Maximum internal memory supported by processor	32 GB	PCI Express x1 (Gen 2.x) slots	2
ECC supported by processor	✗	PCI Express x16 slots	1
Product family	Desktop board	PCI Express x16 (Gen 3.x) slots	1
Product series	Intel desktop board with Intel B85	Processor special features	
Memory		Intel® Anti-Theft Technology (Intel® AT)	✓
Supported memory types *	DDR3-SDRAM	Intel Dual Display Capable Technology	✓
Number of memory slots *	4	Intel Rapid Storage Technology	✓
Memory slots type	DIMM	Intel® High Definition Audio (Intel® HD Audio)	✓
Memory channels	Dual-channel	Processor with Intel Graphics Technology required	✓
Memory voltage	1.2,1.25,1.35,1.5,1.55,1.6,1.65,1.7,1.8 V	Intel Small Business Advantage (SBA) version	1.00
ECC	✗	Intel Virtualization Technology (VT-x)	✓
Supported memory clock speeds	1333,1600 MHz	Intel Virtualization Technology for Directed I/O (VT-d)	✓
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	
Graphics		Maximum internal memory	32768 MB
On-board graphics card	✓	Number of DIMM slots	4
Number of displays supported	2	Number of processors supported	1
Internal I/O		Embedded options available	✗
USB 2.0 connectors *	4	CPU configuration (max)	1
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	2	Discrete graphics card model	PCIe 3.0 x16
Number of SATA III connectors *	4		
Number of SATA II connectors	2		
Number of SATA connectors	6		
Total number of SATA connectors	6		

Internal I/O		Other features	
Power fan connector	✓	Graphics output	HDMI, DVI-I
Rear panel I/O ports		Thermal Design Power (TDP)	95 W
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	72031
HDMI ports quantity *	1	Technical details	
DVI-I ports quantity	1	Launch date	Q2'13
S/PDIF out port	✓	Product type	Desktop Board
Network		Requires a processor with Intel Graphics Technology	✓
Ethernet LAN	✓	Status	Discontinued
Ethernet interface type	Gigabit Ethernet	USB ports quantity	12
Features		Maximum memory	32 GB
Motherboard chipset *	Intel® B85	Last change	63903513
Audio output channels *	7.1 channels	Form factor	Micro ATX
Component for *	PC	Sustainability certificates	ENERGY STAR
Motherboard form factor *	micro ATX		
Motherboard chipset family *	Intel		



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