

Intel BLKD33217CK motherboard Intel® QS77 Express BGA 1023 UCFF

Brand : Intel

Product code: BLKD33217CK

Product name : BLKD33217CK

Desktop Board D33217CK

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Intel's Next Unit of Computing Board D33217CK is a tiny 4"x4"x1.5" with the power of the 3rd generation Intel® Core™ i3- 3217U processor.

The board features dual HDMI ports to offer dual display capabilities along with five USB ports and an Intel Thunderbolt™ adapter to provide expandability and scale unseen in this form factor. Dual mini-PCIe slots also ensure flexible support for wireless and SSD configurations. Two SO-DIMMs for expandability up to 16GB of memory ensures that you don't miss out on anything.

Intel BLKD33217CK. Processor manufacturer: Intel, Processor socket: BGA 1023, Compatible processor series: Intel® Core™ i3. Supported memory types: DDR3-SDRAM, Maximum internal memory: 16 GB, Memory slots type: SO-DIMM. Supported storage drive interfaces: SATA, SSD form factor: mSATA. Graphics card family: Intel, Graphics card: HD Graphics 4000. HDMI version: 1.4a



Processor		Processor special features	
Processor manufacturer *	Intel	Intel® Anti-Theft Technology (Intel® AT)	✓
Processor socket *	BGA 1023	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Compatible processor series *	Intel® Core™ i3	Intel Dual Display Capable Technology	✓
System bus rate	5 GT/s	Intel Fast Memory Access	✓
Processor cores	2	Intel® Virtualization Technology (Intel® VT)	VT-x
Maximum internal memory supported by processor	16 GB	Intel Trusted Execution Technology	✗
Product family	Intel NUC	Intel Flex Memory Access	✓
Product series	Intel NUC board	Intel® AES New Instructions (Intel® AES-NI)	✗
Memory		Intel® High Definition Audio (Intel® HD Audio)	✓
Supported memory types *	DDR3-SDRAM	Operational conditions	
Number of memory slots *	2	Storage temperature (T-T)	0 - 55 °C
Memory slots type	SO-DIMM	Operating temperature (T-T)	-20 - 70 °C
Memory channels	Dual-channel	Logistics data	
Memory voltage	1.35,1.5 V	Harmonized System (HS) code	8471500150
ECC	✗	Packaging content	
Supported memory clock speeds	1066,1333,1600 MHz	Processor included	Intel® Core™ i3-3217U Processor (3M Cache, 1.80 GHz)
Maximum internal memory *	16 GB	Other features	
Storage controllers		mSATA ports quantity	1
Supported storage drive interfaces *	SATA	DC-in jack	✓
Number of storage drives supported	1	Maximum internal memory	16384 MB
SSD form factor	mSATA	Number of DIMM slots	2
Graphics		Number of processors supported	1
On-board graphics card	✓	Back-to-BIOS button	✗
Graphics card family	Intel	Embedded options available	✗
Graphics card	HD Graphics 4000	Graphics output	HDMI Thunderbolt
Number of displays supported	2	Intel® vPro™ Platform Eligibility	✗
Internal I/O		Processor family	Intel® Core™ i3
USB 2.0 connectors *	1	Processor generation	3rd gen Intel® Core™ i3
Rear panel I/O ports		Processor frequency	1.8 GHz
USB 2.0 ports quantity *	2		
HDMI ports quantity *	1		
HDMI version	1.4a		
Thunderbolt ports quantity	1		

Features		Other features	
Motherboard chipset *	Intel® QS77 Express	Thermal Design Power (TDP)	17 W
Audio output channels *	7.1 channels	Commodity Classification	
Component for *	Mini PC	Automated Tracking System (CCATS)	G400445+
Motherboard form factor *	UCFF	Export Control Classification Number (ECCN)	5A992C
Motherboard chipset family *	Intel	Motherboard ARK ID	68308
Power source type	ATX, DC	Technical details	
DC input voltage	19 V	Born on date	Q4'12
Motherboard chipset ID	64336	DC input capable	✓
Compatible operating systems	Windows XP Professional x64 Edition*	Integrated LAN	✗
	Windows 8.1, 64-bit*	Launch date	Q4'12
Market segment	Desktop	Product name	Intel NUC Board D33217CK
	RoHS, EMC Class B	Product type	Desktop Board
Certification		Status	Discontinued
Expansion slots		USB ports quantity	5
Mini PCI Express slots	2	USB version	2.0
Mini PCI Express slot (full length)	1	Maximum memory	16 GB
Mini PCI Express slot (half-length)	1	Last change	63903513
BIOS		Processor ID	65697
BIOS type *	EFI	Supported storage drives form factor (internal)	mSATA SSD
BIOS memory size	64 Mbit	Form factor	UCFF (mini PC)



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