

ASUS B150M-K motherboard Intel® B150 LGA 1151 (Socket H4) micro ATX

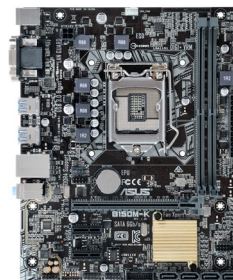
Brand : ASUS

Product code: B150M-K

Product name : B150M-K

Intel B150, Socket 1151, USB 3.0, mATX

ASUS B150M-K. Processor manufacturer: Intel, Processor socket: LGA 1151 (Socket H4), Compatible processor series: Intel® Celeron®, Intel® Pentium®. Supported memory types: DDR4-SDRAM, Maximum internal memory: 32 GB, Memory slots type: DIMM. Supported storage drive interfaces: SATA III. Ethernet interface type: Gigabit Ethernet, LAN controller: Realtek RTL8111H. Component for: PC, Motherboard form factor: micro ATX, Motherboard chipset family: Intel



Processor		Features	
Processor manufacturer *	Intel	Power source type	ATX
Processor socket *	LGA 1151 (Socket H4)	Windows operating systems supported	Windows 10 Education x64, Windows 10 Enterprise x64, Windows 10 Home x64, Windows 10 Pro x64, Windows 7 Enterprise, Windows 7 Enterprise x64, Windows 7 Home Basic, Windows 7 Home Premium, Windows 7 Home Premium x64, Windows 7 Professional, Windows 7 Professional x64, Windows 7 Starter, Windows 7 Starter x64, Windows 7 Ultimate, Windows 7 Ultimate x64, Windows 8 Enterprise x64, Windows 8 x64, Windows 8.1 Enterprise x64, Windows 8.1 Pro x64, Windows 8.1 x64
Compatible processor series *	Intel® Celeron®, Intel® Pentium®		
Intel Core i3/i5/i7/i9 series	i3-6xxx, i5-6xxx, i7-6xxx		
Memory			
Supported memory types *	DDR4-SDRAM	Windows operating systems supported	Windows 10 Education x64, Windows 10 Enterprise x64, Windows 10 Home x64, Windows 10 Pro x64, Windows 7 Enterprise, Windows 7 Enterprise x64, Windows 7 Home Basic, Windows 7 Home Premium, Windows 7 Home Premium x64, Windows 7 Professional, Windows 7 Professional x64, Windows 7 Starter, Windows 7 Starter x64, Windows 7 Ultimate, Windows 7 Ultimate x64, Windows 8 Enterprise x64, Windows 8 x64, Windows 8.1 Enterprise x64, Windows 8.1 Pro x64, Windows 8.1 x64
Number of memory slots *	2		
Memory slots type	DIMM		
Memory channels	Dual-channel		
ECC compatibility	Non-ECC		
Supported memory clock speeds	2133 MHz		
Maximum internal memory *	32 GB		
Unbuffered memory	✓		
Storage controllers		Expansion slots	
Supported storage drive interfaces * SATA III		PCI Express x1 (Gen 3.x) slots	2
Internal I/O		PCI Express x16 (Gen 3.x) slots	1
USB 2.0 connectors *	2	BIOS	
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1	BIOS type *	UEFI AMI
Number of SATA III connectors *	6	BIOS memory size	16 Mbit
Number of EATX power connectors	1	ACPI version	5.0
Rear panel I/O ports		Clear CMOS jumper	✓
		Processor special features	
USB 2.0 ports quantity *	2	Intel® Virtualization Technology (Intel® VT)	VT-d
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4	Intel Trusted Execution Technology	✗
Ethernet LAN (RJ-45) ports *	1	Intel Rapid Storage Technology	✓
PS/2 ports quantity	2		

Rear panel I/O ports		Processor special features	
VGA (D-Sub) ports quantity *	1	Intel® High Definition Audio (Intel® HD Audio)	✓
DVI-D ports quantity *	1	Intel ME Firmware Version	11
S/PDIF out port	✓	Conflict-Free	✓
Network		Intel® Turbo Boost Technology	2.0
Ethernet LAN	✓	Intel Stable Image Platform Program (SIPP)	✗
Ethernet interface type	Gigabit Ethernet	Intel® Small Business Advantage (Intel® SBA)	✓
LAN controller	Realtek RTL8111H	Intel® Smart Response Technology	✗
Features		Intel Extreme Memory Profile (XMP)	✓
Motherboard chipset *	Intel® B150	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Audio chip	Realtek ALC887	Intel Rapid Storage Technology enterprise	✗
Audio output channels *	7.1 channels	Weight & dimensions	
Component for *	PC	Width	226 mm
Motherboard form factor *	micro ATX	Depth	183 mm
Motherboard chipset family *	Intel	Packaging content	
		Cables included	SATA
		Other features	
		Intel® vPro™ Platform Eligibility	✗

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