ASUS

ASUS B150M-K motherboard Intel® B150 LGA 1151 (Socket H4) micro ATX
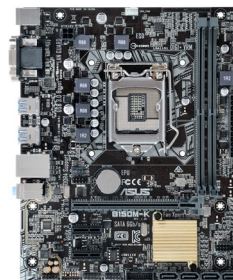
Brand : ASUS   **Product code:** B150M-K

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

Processor manufacturer *	Intel
Processor socket *	LGA 1151 (Socket H4)
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
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

Supported storage drive interfaces *	SATA III

Internal I/O

USB 2.0 connectors *	2
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1
Number of SATA III connectors *	6
Number of EATX power connectors	1

Rear panel I/O ports

USB 2.0 ports quantity *	2
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4
Ethernet LAN (RJ-45) ports *	1
PS/2 ports quantity	2

Features

Power source type	ATX
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 Basic x64, 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

Expansion slots

PCI Express x1 (Gen 3.x) slots	2
PCI Express x16 (Gen 3.x) slots	1

BIOS

BIOS type *	UEFI AMI
BIOS memory size	16 Mbit
ACPI version	5.0
Clear CMOS jumper	✔

Processor special features

Intel® Virtualization Technology (Intel® VT)	VT-d
Intel Trusted Execution Technology	✘
Intel Rapid Storage Technology	✔

Rear panel I/O ports

VGA (D-Sub) ports quantity *	1
DVI-D ports quantity *	1
S/PDIF out port	✔

Network

Ethernet LAN	✔
Ethernet interface type	Gigabit Ethernet
LAN controller	Realtek RTL8111H

Features

Motherboard chipset *	Intel® B150
Audio chip	Realtek ALC887
Audio output channels *	7.1 channels
Component for *	PC
Motherboard form factor *	micro ATX
Motherboard chipset family *	Intel

Processor special features

Intel® High Definition Audio (Intel® HD Audio)	✔
Intel ME Firmware Version	11
Conflict-Free	✔
Intel® Turbo Boost Technology	2.0
Intel Stable Image Platform Program (SIPP)	✘
Intel® Small Business Advantage (Intel® SBA)	✔
Intel® Smart Response Technology	✘
Intel Extreme Memory Profile (XMP)	✔
Intel Virtualization Technology for Directed I/O (VT-d)	✔
Intel Rapid Storage Technology enterprise	✘

Weight & dimensions

Width	226 mm
Depth	183 mm

Packaging content

Cables included	SATA

Other features

Intel® vPro™ Platform Eligibility	✘

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