ASUS Prime B250M-C/CSM Intel® B250 LGA 1151 (Socket H4) micro ATX

Brand : ASUS

Product code: PRIME B250M-C/CSM
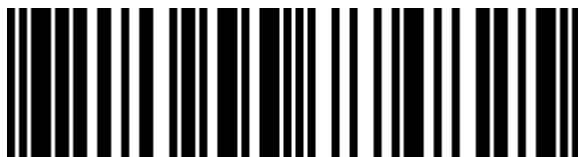
Product name : Prime B250M-C/CSM

Intel B250 Chipset, microATX, 4x DDR4 DIMM, Gigabit Ethernet, PCI/PCIe, SATA 6Gb/s, USB 3.0/2.0, PS/2, DVI-D, D-Sub, HDMI, AMI UEFI BIOS, Realtek ALC887
ASUS Prime B250M-C/CSM. Processor manufacturer: Intel, Processor socket: LGA 1151 (Socket H4), Compatible processor series: Intel® Celeron®, Intel® Pentium®. Supported memory types: DDR4-SDRAM, Maximum internal memory: 64 GB, Memory slots type: DIMM. Supported storage drive interfaces: M.2, SATA III, Supported storage drive types: HDD & SSD, RAID levels: 0, 1, 5, 10. Maximum graphics card memory: 1024 MB, Graphics card family: Intel, Graphics card: HD Graphics. Ethernet interface type: Gigabit Ethernet, LAN controller: Intel® I219-V

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, i3-7xxx, i5-6xxx, i5-7xxx, i7-6xxx, i7-7xxx

Memory

Supported memory types *	DDR4-SDRAM
Number of memory slots *	4
Memory slots type	DIMM
Memory channels	Dual-channel
ECC compatibility	Non-ECC
Supported memory clock speeds	2133,2400 MHz
Maximum internal memory *	64 GB
Unbuffered memory	✔

Storage controllers

Supported storage drive types	HDD & SSD
Supported storage drive interfaces *	M.2, SATA III
RAID levels	0, 1, 5, 10

Graphics

Maximum graphics card memory	1024 MB
Graphics card family	Intel
Graphics card	HD Graphics
Maximum resolution	4096 x 2160 pixels
Number of displays supported	3

Internal I/O

USB 2.0 connectors *	2

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
VGA (D-Sub) ports quantity *	1
HDMI ports quantity *	1
DVI-D ports quantity *	1
DisplayPorts quantity	1
Headphone outputs	1
Microphone in	✔

Network

Ethernet LAN	✔
Ethernet interface type	Gigabit Ethernet
LAN controller	Intel® I219-V

Features

Motherboard chipset *	Intel® B250
Audio chip	Realtek ALC887
Audio output channels *	7.1 channels
Component for *	PC
Motherboard form factor *	micro ATX
Motherboard chipset family *	Intel
Power source type	ATX

Internal I/O

USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1
Number of SATA III connectors *	6
Number of SATA connectors	6
Front panel audio connector	✔
ATX Power connector (24-pin)	✔
Number of EATX power connectors	1
CPU fan connector	✔
Number of chassis fan connectors	2
Chassis intrusion connector	✔
Number of COM connectors	2
TPM connector	✔

Features

Windows operating systems supported	Windows 10 Education, Windows 10 Education x64, Windows 10 Enterprise, Windows 10 Enterprise x64, Windows 10 Home, Windows 10 Home x64, Windows 10 IOT Core, Windows 10 Pro, 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 8.1, Windows 8.1 Enterprise, Windows 8.1 Enterprise x64, Windows 8.1 Pro, Windows 8.1 Pro x64, Windows 8.1 x64

Expansion slots

PCI slots	1
Number of M.2 (M) slots	2

BIOS

BIOS type *	UEFI AMI
ACPI version	5.0

Processor special features

Trusted Platform Module (TPM)	✔
Intel® Turbo Boost Technology	2.0
Intel® Optane™ Memory Ready	✔

Weight & dimensions

Width	244 mm
Depth	244 mm

Packaging content

Cables included	SATA
Manual	✔
Drivers included	✔

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