



ASUS Expedition EX-B460M-V5 Intel 10th Gen M-ATX Motherboard

Sale Price: 10500.0

PRODUCT ID: 00581

— Basic Information

Supported CPU	Intel Socket 1200 for 10th Gen Intel Core, Pentium Gold, and Celeron Processors Supports Intel 14 nm CPU Supports Intel Turbo Boost Technology 2.0 and Intel Turbo Boost Max Technology 3.0 Supports CPU up to 125 W
Chipset	Intel B460
BIOS	128 Mb Flash ROM, UEFI AMI BIOS
Form Factor	mATX Form Factor 8.9 inch x 8.3 inch (22.6 cm x 21.1 cm)

Expansion Slots

PCI	Intel 10th Gen Processors 1 x PCIe 3.0/2.0 x16 Intel B460 Chipset 2 x PCIe 3.0 x1
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Memory

Slots	2 x DDR4 DIMM
Supported Memory	2933/2800/2666/2400/2133 MHz Non-ECC, Un-buffered Memory 10th Gen Intel Corei9/ i7 CPUs support: 2933/ 2800/ 2666/ 2400/ 2133 natively Supports Intel Extreme Memory Profile (XMP) OptiMem
Maximum Memory	64 GB

Graphics

Graphics	Integrated Graphics Processor Multi-VGA output support: HDMI/D-Sub ports - Supports HDMI 1.4b with max. resolution 4096 x 2160 @ 30 Hz - Supports D-sub with max. resolution 1920 x 1200 @ 60 Hz
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Basic Information

Connector & Ports

HDMI	1 x HDMI 1.4b (max. resolution 4096 x 2160 @ 30 Hz)
D-Sub (s)	1x D-sub (max. resolution 1920 x 1200 @ 60 Hz)
USB (s)	Rear USB Port (Total 6) 4 x USB 3.2 Gen 1 (up to 5Gbps) port(s)(4 x Type-A) 2 x USB 2.0 port(s)(2 x Type-A) Front USB Port (Total 6) 2 x USB 3.2 Gen 1 (up to 5Gbps) port(s)(2 x Type-A) 4 x USB 2.0 port(s)(4 x Type-A)
LAN Port (s)	Realtek RTL8111H ASUS LANGuard
Supported Storage	4 x SATA 6Gb/s connector(s)
Audio	Realtek ALC887 7.1-Channel High Definition Audio CODEC
Internal I/O Ports	1 x CPU Fan connector(s) (1 x 4 -pin) 1 x Chassis Fan connector(s) (1 x 4 -pin) 1 x AAFP connector 2 x USB 2.0 connector(s) support(s) additional 4 USB 2.0 port(s) 1 x M.2 Socket 3 with M Key, type 2242/2260/2280 storage devices support (SATA mode & X4 PCIE mode) 4 x SATA 6Gb/s connector(s) 1 x S/PDIF out header(s) 1 x 24-pin EATX Power connector(s) 1 x 8-pin EATX 12V Power connectors 1 x Front panel connector(s) 1 x COM Debug header 1 x Clear CMOS jumper(s) 1 x USB 3.2 Gen 1 connector(s) support(s) additional 2 USB 3.2 Gen 1 port(s)
TPM (Trusted Platform Module)	N/A

Others

Basic Information

Special Features

ASUS 5X Protection III :

- ASUS LANGuard: Protects against LAN surges, lightning strikes and static-electricity discharges!
- ASUS Overvoltage Protection: World-class circuit-protecting power design
- ASUS Stainless-Steel Back I/O: 3X corrosion-resistance for greater durability!
- ASUS SafeSlot Core+ - Prevent graphics card damage
- ASUS DIGI+ VRM: Premium components provide better power efficiency

Non-stop Durability :

- Anti-moisture coating - Outstanding protection against moisture and corrosion
- USBGuard- 120% higher voltage tolerance

Non-stop Gaming :

- Dedicated audio PCB layers: Separate layers for left and right channels to guard the quality of the sensitive audio signals
 - Separated layers for left and right tracks to ensures both channels delivering the consistent and equal quality
 - Premium Japanese audio capacitors: Provide warm, natural and immersive sound with exceptional clarity and fidelity
- #### Non-stop Challenger :
- ASUS iCafe Labs Certified - Top games and 100+ peripherals tested

Warranty Information

Manufacturing Warranty

03 Years