

PRIME H310M-E

UPC Intel® Socket 1151 para 9^o / 8^o Generación Core™ i7 / Core™ i5 / Core™ i3 / Pentium® / Celeron® procesadores

Soporta Intel® 14 CPU nm

Soporta Intel® Turbo Boost Tecnología 2,0

* El Boost tecnología Intel® Turbo 2.0 el soporte depende de los tipos de CPU.

* Consulte www.asus.com para ver la lista de soporte de CPU

Chipset Intel® H310

Memoria 2 x DIMM, máx. 32 GB, DDR4 2666/2400/2133 MHz Memoria no ECC, sin búfer

Arquitectura de memoria de doble canal

Compatible con Intel® Extreme Memory Profile (XMP)

* Consulte www.asus.com para obtener la memoria QVL (listas de proveedores calificados).

* La frecuencia de memoria máxima admitida varía según el procesador

** Los módulos de memoria DDR4 2666MHz y superiores funcionarán al máximo. 2666MHz en procesadores Intel® de 8.a generación de 6 núcleos o superiores.

Gráfico Procesador de gráficos integrado: soporte de gráficos Intel® HD Soporte

de salida Multi-VGA: puertos HDMI / D-Sub

: admite HDMI 1.4b con máx. resolución 4096 x 2160 @ 24 Hz / 2560 x 1600 @ 60 Hz

- Admite D-sub con máx. resolución 1920 x 1200 a 60 Hz

Memoria compartida máxima de 1024 MB (para iGPU exclusivamente)

Compatible con Intel® InTru™ 3D, Quick Sync Video, Tecnología Clear Video HD, Insider™

Ranuras de expansión¹ x PCIe 3.0 / 2.0 x16 (modo x16, gris)

2 x PCIe 2.0 x1

AlmacenamientoConjunto de chips Intel® H310:

1 x M.2 Socket 3, con clave M, compatible con dispositivos de almacenamiento tipo 2242/2260/2280 (modo SATA y x2 PCIe) * ¹

4 x puerto (s) SATA 6Gb / s, gris,

LANRealtek® RTL8111H, 1 x LAN Gigabit

AudioRealtek® ALC887 8-Channel High Definition Audio CODEC

- Supports : Jack-detection, Front Panel Jack-retasking

Audio Feature :

- LED-illuminated design - Brighten up your build with the gorgeous illuminated audio trace path.
- Audio Shielding: Ensures precision analog/digital separation and greatly reduced multi-lateral interference
- Dedicated audio PCB layers: Separate layers for left and right channels to guard the quality of the sensitive audio signals
- Premium Japanese audio capacitors: Provide warm, natural and immersive sound with exceptional clarity and fidelity

* Choose the chassis with HD audio module in front panel to support 8-channel audio output.

USB PortsIntel® H310 Chipset :

4 x USB 3.1 Gen 1 up to 5Gbps port(s) (2 at back panel, blue, Type-A, 2 at mid-board)

Intel® H310 Chipset :

6 x USB 2.0/1.1 port(s) (2 at back panel, , 4 at mid-board)

Special FeaturesASUS 5X Protection III :

- ASUS SafeSlot Core: Fortified PCIe Slot prevents damage
- 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 DIGI+ VRM: 4 Phase digital power design

ASUS OptiMem :

- Optimem (Improved DDR4 stability)

ASUS EPU :

- EPU

ASUS Exclusive Features :

- AI Suite 3

- Ai Charger
- PC Cleaner
- File Transfer

ASUS Quiet Thermal Solution :

- Stylish Fanless Design Heat-sink solution
- ASUS Fan Xpert

ASUS EZ DIY :

- ASUS CrashFree BIOS 3
- ASUS EZ Flash 3
- ASUS UEFI BIOS EZ Mode

ASUS Q-Design :

- ASUS Q-DIMM

M.2 Onboard(The latest transfer technologies with up to 10Gb/s data transfer speeds)**Back I/O Ports**1 x PS/2 keyboard (purple)

1 x PS/2 mouse (green)

1 x D-Sub

1 x HDMI

1 x LAN (RJ45) port(s)

2 x USB 3.1 Gen 1 (blue) Type-A up to 5Gbps

2 x USB 2.0

3 x Audio jack(s)

Internal I/O Ports1 x USB 3.1 Gen 1(up to 5Gbps) connector(s)

support(s) additional 2 USB 3.1 Gen 1 port(s) (19-pin)

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 (both SATA & x2 PCIE mode)

1 x COM port(s) connector(s)

4 x SATA 6Gb/s connector(s)

1 x CPU Fan connector(s) (1 x 4 -pin)

1 x Chassis Fan connector(s) (1 x 4 -pin)

1 x S/PDIF out header(s)

1 x 24-pin EATX Power connector(s)

1 x 4-pin ATX 12V Power connector(s)

1 x Front panel audio connector(s) (AAFP)

1 x Clear CMOS jumper(s)

1 x System panel connector

1 x Speaker connector

AccessoriesUser's manual

I/O Shield

2 x SATA 6Gb/s cable(s)

1 x M.2 Anchor

1 x Supporting DVD

BIOS 128 Mb Flash ROM, UEFI AMI BIOS, PnP, SM BIOS 3.1, ACPI 6.1, Multilanguage BIOS, ASUS EZ Flash 3, CrashFree BIOS 3, F6 Qfan Control, F3 MyFavorites, Last Modified log, F12 PrintScreen, and ASUS DRAM SPD (Serial Presence Detect) memory information

Manageability WOL by PME, PXE

Operating System Windows® 10 64-bit

Form Factor mATX Form Factor
8.9 inch x 7.3 inch (22.6 cm x 18.5 cm)

Note*1 When a device in SATA mode is installed on the M.2 socket, SATA_2 port cannot be used.
Due to the Chipset limitation, when a M.2 device is installed in PCIe mode, the socket is set to PCIe 2.0.



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- All specifications are subject to change without notice. Please check with your supplier for exact offers. Products may not be available in all markets.
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- PCB color and bundled software versions are subject to change without notice.
- Brand and product names mentioned are trademarks of their respective companies.
- Specifications and features vary by model, and all images are illustrative. Please refer specification pages for full details.
- *Precise specifications and features vary by model . Please refer to the specification page
- The product (electrical , electronic equipment, Mercury-containing button cell battery) should not be placed in municipal waste. Check local regulations for disposal of electronic products.

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