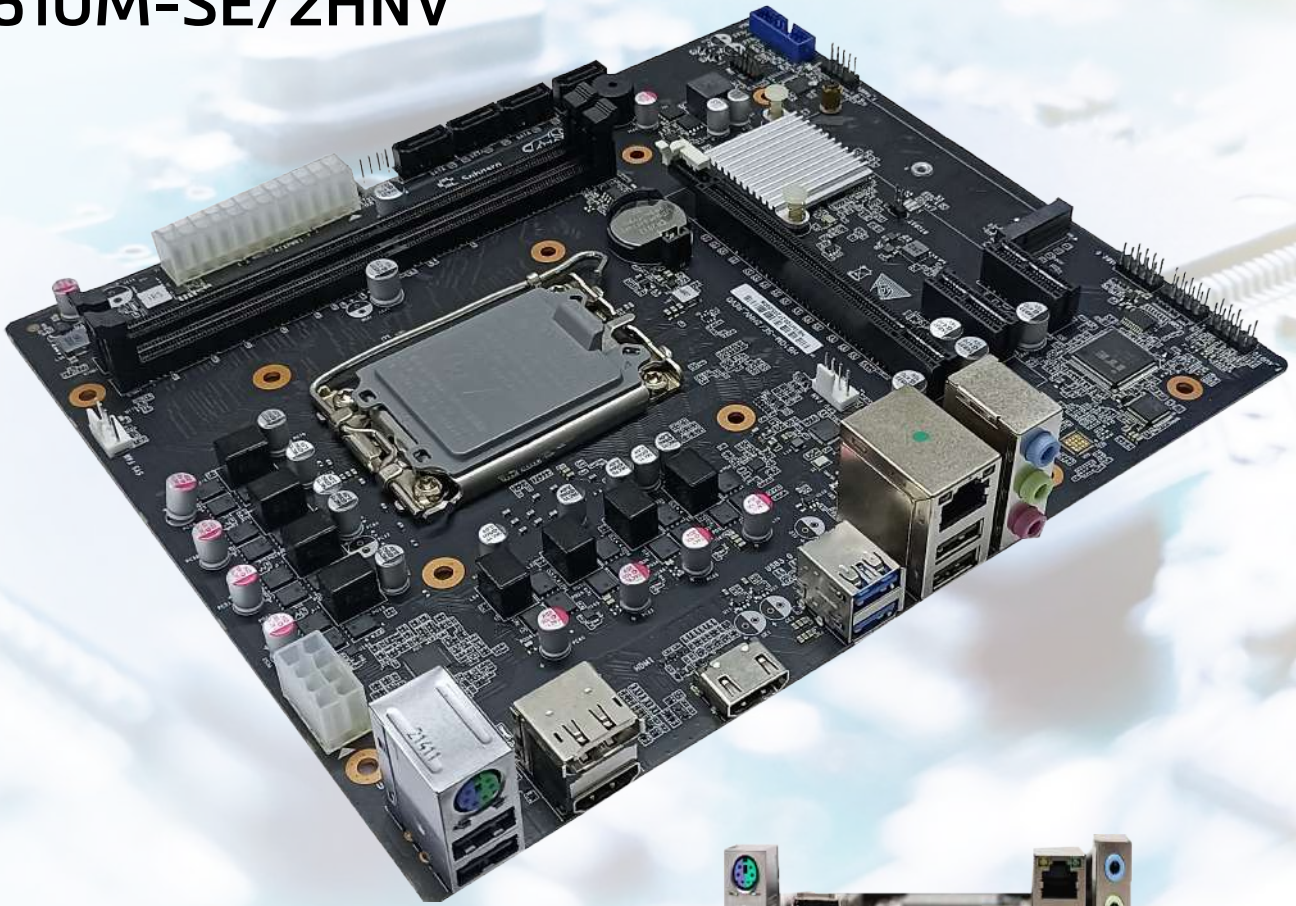


Desktop Motherboard

H610M-SE/2HNV



* Images may differ in appearance from the actual product.

Product Brief:

- Supports 12th Gen Intel Core™ Processors (LGA1700)
- 6 Phase Power Design
- Supports DDR4 3200MHz
- 1 PCIe 4.0 x16, 2 PCIe 3.0 x1
- Graphics Output Options: 2 HDMI 1.4 & 1 DP1.4a
- 7.1 CH HD Audio Codec
- 4 SATA3
- 4 USB 3.2 Gen1 (2 Rear, 2 Front)
- 6 USB 2.0 (4 Rear, 2 Front)
- LAN Port

HDMI
HIGH-DEFINITION MULTIMEDIA INTERFACE



Make In India

Detail Specifications

| | | |
|----------------|--------------------------|--|
| System | Platform | Micro ATX Form Factor: 236 mm X 202 mm Solid Capacitor design |
| | CPU | Supports 12 th Gen Intel® Core™ Processors (LGA1700) 6 Power Phase design Supports Intel® Hybrid Technology Supports Intel® Turbo Boost Max 3.0 Technology |
| CPU | CPU Support | Alder Lake-S 65W |
| | CPU Voltage Regulators | IMVP 9.1 (Baseline loadline spec, maximum support 65w i9 CPU) |
| Chipset | Southbridge | Intel® H610 |
| | Super I/O | Support COM port |
| Memory | Memory Slot | 2 x DDR4 DIMM Slots |
| | Memory Type | U-DIMM, DDR4 3200M, Up to 64GB |
| | ECC / Registered Support | N/A |
| | Channel | Dual Channel |
| | Max. Memory Support | 64GB |
| Expansion Slot | RAM Support | 4GB / 8GB / 16GB / 32GB |
| | M.2 for SSD | 1 x Support PCIe3.0X4 (2242 & 2280) |
| | PCIeX16 | 1 |
| LAN | PCIeX1 | 2 |
| | Controller/PHY | 219 |
| Audio | Type | 10/100/1000 Mb/s |
| | Surround Support | HD Audio |
| BIOS | Type | 7.1 Channel |
| | Flash ROM | SPI |
| Rear I/O | BIOS Code | AMI UEFI BIOS |
| | PS2(2in1)&USB 2.0*2 | 1 |
| | DVI-D | N/A |
| | HDMI+DP | 1 |
| | HDMI | 1 |
| | 2 layer USB3.2 Gen1 | 1 |
| | 2 layer USB2.0+GLAN | 1 |
| | LINE_Out+LINE_In +Mic_In | 1 |
| PWM | Clock Generator | H610 |
| | CPU Heatsink | No |
| | Southbridge Heatsink | Yes |
| | Mosfet Heatsink | No |

| | | |
|-------------------------|--|---|
| Internal I/O | USB Header | 1*2x5 USB2.0 Header (2.54mm) 1* USB3.2 INTERNAL CONNECTOR (2*10) |
| | SATA Connector | 4 |
| | Front Panel Header | Yes (2X5 2.54mm) |
| | Front Audio Header | Yes (2X5 2.54mm) |
| | CPU FAN Header | 1 x (4 Pin PWM Fan) |
| | System FAN Header | 2 x (4 Pin PWM Fan) |
| | COM | 1 (connected to SIO) |
| | TPM Connector | 1 (SPI) |
| | Clear CMOS | 1 (1x2) |
| | ATX Connector | 24+8 |
| Features | Temp Monitoring | CPU / System |
| | Fan Monitoring | CPU / System |
| | Voltage Monitoring | CPU / GPU with 3.3V / DDR4 / 12V / 5V |
| | Wake On USB | Yes |
| | S3 | Yes |
| | Power Switcher | Yes |
| | Reset Switcher | Yes |
| Over Clocking / Voltage | TPM | Option |
| | CPU Voltage | Yes |
| | IGD Voltage | No |
| | DDR Voltage | No |
| | VCC_IO voltage | No |
| | Chipset Voltage | No |
| | Graphics | On-board Graphics |
| Graphics Ports | | HDMI1.4, DP1.4a |
| External Graphics | | Support |
| Support CD | Drivers, User Manual, Single Click Install (SAHASRA_H610M_Drivers.exe) | |
| OS | Microsoft® Windows® 10 64-bit / 11 64-bit | |
| Certifications | EMI, WHQL, EuP (SIO Solution) | |
| Accessories | Quick Installation Guide, Support CD, I/O Shield, 1 x SATA Cable, 1 x M.2 SSD Screws | |

H610M-SE/2HNV



Sahasra Electronics Pvt. Ltd.

129-G, Noida Special Economic Zone,

Noida-201305, Uttar Pradesh, India

Tel: +91-120-2462782 / 83

E-mail: contact@sahasraelectronics.com

Web: www.sahasraelectronics.com