

ASUS PRIME H610M-E-CSM Intel H610 LGA 1700 micro ATX

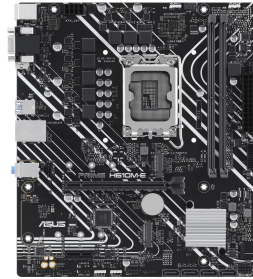
Brand : ASUS

Product code: 90MB1G10-M0EAYC

Product name : PRIME H610M-E-CSM

- Intel® LGA 1700 Socket: Ready for 13th and 12th Gen Intel® processors
- Comprehensive Cooling: PCH heatsink and Fan Xpert 2+
- Ultrafast Connectivity: 32Gbps M.2 slot, Realtek 1 Gb Ethernet and USB 3.2 Gen 1
- Aura Sync RGB Lighting: Onboard Addressable Gen 2 headers and Aura RGB header for RGB LED strips, easily synced with Aura Sync-capable hardware
- ASUS Control Center Express: Real-time IT monitoring and management software for enhanced data protection

PRIME H610M-E-CSM Mainboard socket Intel LGA 1700 (Intel H610, mATX, DDR4 memory, PCIe 4.0, 2x M.2, COM header, RGB header)



| Processor | | Rear panel I/O ports | |
|--|---------------------------------------|---|------------------------|
| Processor manufacturer * | Intel | USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * | 2 |
| Processor socket * | LGA 1700 | Ethernet LAN (RJ-45) ports * | 1 |
| Compatible processor series * | Intel® Celeron®, Intel® Core™ i3, | PS/2 ports quantity | 2 |
| | Intel® Core™ i5, Intel® Core™ i7, | VGA (D-Sub) ports quantity * | 1 |
| Supported processor sockets | Intel® Core™ i9, Intel® Pentium® Gold | HDMI ports quantity * | 1 |
| | LGA 1700 | HDMI version | 2.1 |
| Memory | | DisplayPorts quantity | 1 |
| Supported memory types * | DDR5-SDRAM | DisplayPort version | 1.4 |
| Number of memory slots * | 2 | Headphone outputs | 1 |
| Memory slots type | DIMM | Line-in | ✓ |
| Memory channels | Dual-channel | Microphone in | ✓ |
| ECC compatibility | Non-ECC | Network | |
| Supported memory clock speeds | 4800,5000,5200,5400,5600 MHz | Ethernet LAN | ✓ |
| Supported memory clock speed (max) | 5600 MHz | Ethernet interface type | Gigabit Ethernet |
| Maximum internal memory * | 96 GB | Wi-Fi * | ✗ |
| Unbuffered memory | ✓ | Features | |
| Storage controllers | | Motherboard chipset * | Intel H610 |
| Supported storage drive types | HDD & SSD | Audio output channels * | 7.1 channels |
| Supported storage drive interfaces * | M.2, SATA III | Component for * | PC |
| Number of HDDs supported | 4 | Motherboard form factor * | micro ATX |
| Number of storage drives supported | 6 | Motherboard chipset family * | Intel |
| Graphics | | Cooling type | Passive |
| Parallel processing technology support * | Not supported | Power source type | ATX |
| Internal I/O | | Windows operating systems supported | Windows 10, Windows 11 |
| USB 2.0 connectors * | 2 | Expansion slots | |
| USB 3.2 Gen 1 (3.1 Gen 1) connectors * | 1 | PCI Express x1 (Gen 3.x) slots | 1 |
| Number of SATA III connectors * | 4 | PCI Express x16 (Gen 4.x) slots | 1 |
| S/PDIF out connector | ✓ | Number of M.2 (M) slots | 2 |

| Internal I/O | | BIOS | |
|----------------------------------|---|--------------------------------|----------|
| Front panel audio connector | ✓ | BIOS type * | UEFI AMI |
| ATX Power connector (24-pin) | ✓ | BIOS memory size | 128 Mbit |
| CPU fan connector | ✓ | Packaging data | |
| Number of chassis fan connectors | 2 | Package width | 270 mm |
| EPS power connector (8-pin) | ✓ | Package depth | 263 mm |
| Number of COM connectors | 1 | Package height | 51.5 mm |
| TPM connector | ✓ | Package weight | 890 g |
| 12V power connector | ✓ | Weight & dimensions | |
| RGB LED pin header | ✓ | Width | 244 mm |
| Rear panel I/O ports | | Depth | 211 mm |
| USB 2.0 ports quantity * | 2 | Packaging content | |
| | | Cables included | SATA |
| | | User guide | ✓ |



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