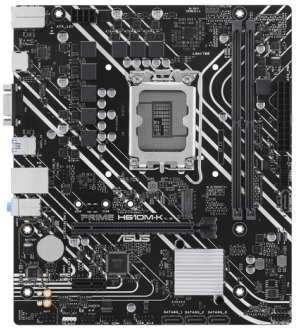
# ASUS Prime H610M-K Intel H610 LGA 1700 micro ATX



**Brand :** ASUS

**Product code:** 90MB1GA0-M0EAY0

**Product name :** Prime H610M-K



- Intel® LGA 1700 Socket: Ready for 13th and 12th Gen Intel® processors
- Ultrafast Connectivity: PCIe 4.0, 32Gbps M.2 slot, Realtek 1 Gb Ethernet and USB 3.2 Gen 1
- Comprehensive Cooling: PCH heatsink and Fan Xpert 2+
- 5X Protection III: Multiple hardware safeguards for all-round protection

Intel® H610 (LGA 1700) micro-ATX motherboard, DDR5, PCIe 4.0, M.2 slot, Realtek 1 Gb Ethernet, HDMI™, VGA, USB 3.2 Gen 1, SATA 6 Gbps, COM header, RGB header
ASUS Prime H610M-K. Processor manufacturer: Intel, Processor socket: LGA 1700, Compatible processor series: Intel® Celeron®, Intel® Core™ i3, Intel® Core™ i5, Intel® Core™ i7, Intel® Core™ i9,.... Supported memory types: DDR5-SDRAM, Maximum internal memory: 96 GB, Memory slots type: DIMM. Supported storage drive interfaces: M.2, SATA III, Supported storage drive types: HDD & SSD. USB connector type: USB Type-A. Ethernet interface type: Gigabit Ethernet

| Processor | |
|---|---|
| Processor manufacturer * | Intel |
| Processor socket * | LGA 1700 |
| Compatible processor series * | Intel® Celeron®, Intel® Core™ i3, Intel® Core™ i5, Intel® Core™ i7, Intel® Core™ i9, Intel® Pentium® Gold |

| Memory | |
|---|---|
| Supported memory types * | DDR5-SDRAM |
| Number of memory slots * | 2 |
| Memory slots type | DIMM |
| Memory channels | Dual-channel |
| ECC compatibility | Non-ECC |
| Supported memory clock speeds | 4800,5000,5200,5400,5600 MHz |
| Maximum internal memory * | 96 GB |
| Unbuffered memory | ✔ |

| Storage controllers | |
|---|---|
| Supported storage drive types | HDD & SSD |
| Supported storage drive interfaces * | M.2, SATA III |
| Number of HDDs supported | 4 |
| Number of storage drives supported | 5 |

| Internal I/O | |
|---|---|
| USB 2.0 connectors * | 1 |
| USB 3.2 Gen 1 (3.1 Gen 1) connectors * | 1 |
| Number of SATA III connectors * | 4 |
| S/PDIF out connector | ✔ |
| Front panel audio connector | ✔ |
| ATX Power connector (24-pin) | ✔ |
| CPU fan connector | ✔ |
| Number of chassis fan connectors | 2 |
| EPS power connector (8-pin) | ✔ |
| Number of COM connectors | 1 |
| TPM connector | ✔ |
| 12V power connector | ✔ |

| Rear panel I/O ports | |
|---|---|
| PS/2 ports quantity | 1 |
| VGA (D-Sub) ports quantity * | 1 |
| HDMI ports quantity * | 1 |
| Headphone outputs | 1 |
| Line-in | ✔ |
| Microphone in | ✔ |
| USB connector type | USB Type-A |

| Network | |
|---|---|
| Ethernet LAN | ✔ |
| Ethernet interface type | Gigabit Ethernet |
| Wi-Fi * | ✘ |
| Top Wi-Fi standard | Not available |

| Features | |
|---|---|
| Motherboard chipset * | Intel H610 |
| Audio output channels * | 7.1 channels |
| Product colour | Multicolour |
| Component for * | PC |
| Motherboard form factor * | micro ATX |
| Motherboard chipset family * | Intel |
| Windows operating systems supported | Windows 10 x64, Windows 11 |

| Expansion slots | |
|---|---|
| PCI Express x1 (Gen 3.x) slots | 1 |
| PCI Express x16 (Gen 4.x) slots | 1 |
| Number of M.2 (M) slots | 1 |

| BIOS | |
|---|---|
| BIOS type * | UEFI AMI |
| BIOS memory size | 128 Mbit |
| Clear CMOS jumper | ✔ |

| Packaging data | |
|---|---|
| Package width | 270 mm |
| Package depth | 263 mm |

| Internal I/O | |
|---|---|
| RGB LED pin header | ✔ |

| Rear panel I/O ports | |
|---|---|
| USB 2.0 ports quantity * | 4 |
| USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * | 2 |
| Ethernet LAN (RJ-45) ports * | 1 |

| Packaging data | |
|---|---|
| Package height | 51.5 mm |
| Package weight | 820 g |

| Weight & dimensions | |
|---|---|
| Width | 234 mm |
| Depth | 203 mm |
| Height | 36.5 mm |

| Packaging content | |
|---|---|
| Cables included | SATA |

| Other features | |
|---|---|
| Weight | 470 g |

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**Catalog Object Cloud**

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