ASUS PRIME H610M-A WIFI Intel H610 LGA 1700 micro ATX

Brand: ASUS Product code: 90MB1G00-M0EAY0

Product name: PRIME H610M-A WIFI

- Intel® LGA 1700 Socket: Ready for 13th and 12th Gen Intel® processors
- Ultrafast Connectivity: PCle 4.0, two M.2 slots, Intel® 1Gb Ethernet ,WIFI 5 and USB 3.2 Gen 2 support, front USB 3.2 Gen 1 Type-C®
- Comprehensive Cooling: VRM heatsink, PCH heatsink and Fan Xpert 2+
- Aura Sync RGB Lighting: Onboard Addressable Gen 2 headers and Aura RGB header for RGB LED strips, easily synced with Aura Sync-capable hardware

Intel H610 (LGA 1700) mATX motherboard with DDR5,PCIe 4.0, dual M.2 slots, Intel 1Gb Ethernet, WIFI 5, DisplayPort, HDMI, VGA, USB 3.2 Gen 2 ports, Addressable Gen 2 headers, and Aura Sync





| Processor | | Rear panel I/O ports | |
|---------------------------------------------|-----------------------------------------------------------------------------------|---------------------------------------------------|---------------------------------------------------------------------|
| Processor manufacturer * Processor socket * | Intel LGA 1700 | USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * | 1 |
| | Intel® Celeron®, Intel® Pentium® | Ethernet LAN (RJ-45) ports * | 1 |
| Compatible processor series * | Gold, Intel® Core™ i3, Intel® | PS/2 ports quantity | 2 |
| | Core [™] i5, Intel® Core [™] i7, Intel® Core [™] i9 | VGA (D-Sub) ports quantity * | 1 |
| Supported processor sockets | LGA 1700 | HDMI ports quantity * | 1 |
| | 257. 27.00 | 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 | ✓ |
| Non-ECC | ✓ | WiFi-AP antenna jack | 1 |
| Supported memory clock speeds | 4800,5000,5200,5400,5600 MHz | Network | |
| Supported memory clock speed (max) | 5600 MHz | Ethernet LAN | ✓ |
| Maximum internal memory * | 96 GB | Ethernet interface type | Gigabit Ethernet |
| Unbuffered memory | ✓ | Wi-Fi * | ✓ |
| Storage controllers | | Top Wi-Fi standard | Wi-Fi 5 (802.11ac) |
| Supported storage drive types | HDD & SSD | Wi-Fi standards | 802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac) |
| Supported storage drive interfaces * | M.2, SATA III | Bluetooth | ✓ |
| Number of HDDs supported | 4 | Bluetooth version | 5.0 |
| Number of storage drives supported | 6 | Features | |
| Graphics | | Motherboard chipset * | Intel H610 |
| Parallel processing technology | Not supported | Audio output channels * | 7.1 channels |
| support * | Not supported | Component for * | PC |
| Internal I/O | | Motherboard form factor * | micro ATX |
| USB 2.0 connectors * | 2 | Motherboard chipset family * | Intel |
| USB 3.2 Gen 1 (3.1 Gen 1) connectors * | 2 | Windows operating systems supported | Windows 10 x64, Windows 11 x64 |
| Number of SATA III connectors * | 4 | Expansion slots | |
| S/PDIF out connector | ✓ | PCI Express x1 (Gen 3.x) slots | 1 |
| | | | |

| Internal I/O | | Expansion slots | |
|---------------------------------------------------------------------------------|-----------------------|------------------------------------------------------------|----------------------|
| Audio connector Front panel audio connector | √ √ √ 1 √ | PCI Express x16 (Gen 4.x) slots Number of M.2 (M) slots | 1 2 |
| ATX Power connector (24-pin) CPU fan connector Number of chassis fan connectors | | BIOS BIOS type * BIOS memory size | UEFI AMI 128 Mbit |
| EPS power connector (8-pin) Number of COM connectors TPM connector | | Clear CMOS button Packaging data | ✓ |
| 12V power connector RGB LED pin header | * | Package width Package depth | 270 mm 263 mm |
| Rear panel I/O ports USB 2.0 ports quantity * | 4 | Package height Package weight | 51.5 mm 1.07 kg |
| | | Weight & dimensions Width Depth | 244 mm 216 mm |
| | | Packaging content Cables included | SATA |



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