



HDMI®

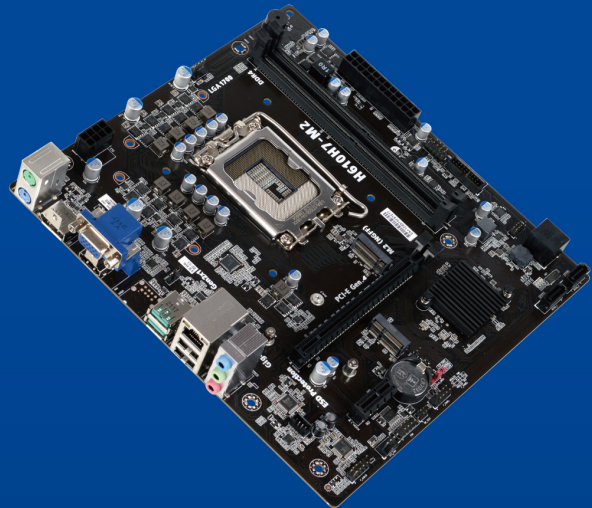
HIGH-DEFINITION MULTIMEDIA INTERFACE

ECS

ELITEGROUP

H610H7-M2 V 1.0

- Support Microsoft Windows 11 64bit
- Support Intel® 12th Generation Core™ Processor (Alder Lake-S LGA1700) (not include K Series) (TDP max 65W)
- Support DDR4 LONG DIMM 3200 MHz memory up to 64GB
- Support Dual M.2 Slots: 2242/2280 for PCIe/SSD; 2230 for Wifi /BT
- Support DP & HDMI & D-sub Ports
- ECS Intelligent EZ Utility: eDLU



SPECIFICATIONS

CPU	Support Intel® 12th Generation Core™ Processor (Alder Lake-S LGA1700) 7+1 Phases Thermal Design Power 65W
Chipset	Intel® H610 Express Chipset
Memory	Dual-channel DDR4 Memory architecture 2 x DDR4 DIMM Socket up to 64GB Supports DDR4 up to 3200 DDR4 SDRAM (By CPU) *Note: Please access to ECS official site for the latest Memory support list
Expansion slot	1 x PCI Express x16 Gen4 Slot 1 x PCI Express x1 Gen3 Slot 1 x M.2 Slot (Support Type 2242/2280 PCIe x4 Gen3 /SATA) *SATA4 will be unavailable when installing M.2 SATA SSD in the M2 2242/2280 slot 1 x M.2 Slot (Support Type 2230 Wifi/BT)
Storage	Support by Intel® H610 chipset 4 x Serial ATA 6 Gb/s device (2*180 degree & 1*90 degree Ports)
Audio	Realtek 8-channel High Definition audio CODEC w/AMP IC and SPK header (optional) *Smart multiple streaming operation
LAN	Realtek 8bit LAN
Rear Panel I/O	1 x PS/2 Keyboard+Mouse connector 1 x D-sub (VGA) port 1 x HDMI port 1 x DP port 2 x USB 3.2 Gen2x1 ports 2 x USB 2.0 ports 1 x RJ45 port 1 x Audio port (Line-in, Line-out, MIC)
Internal I/O Connectors & Headers	1 x 24-pin ATX Power Supply connector 1 x 8-pin 12V Power connector 1 x 4-pin CPU_FAN connector 1 x 4-pin SYS_FAN connector 1 x Front Audio header 1 x Front panel header 1 x Buzzer header 1 x COM header 1 x CLR_CMOS header 1 x Front USB 3.2 Gen1x1 header, Support 2 Ports 1 x Front USB 2.0 header, Support 2 Ports 1 x Case Open header
TPM	TPM IC onboard (optional)
System BIOS	AMI BIOS with 128Mb SPI Flash ROM Supports Multi-Language BIOS Supports PgUp clear CMOS Hotkey Plug and Play, STR (S3) / STD (S4) ,Hardware monitor, Multi Boot Dual-Monitor function Audio & LAN can be disabled in BIOS
OS Support	Windows 11 64-bit
Form Factor	Micro-ATX: 229 * 213mm

Support Windows 11
Support the latest Windows 11 technology which provides touch-enabled control, Apps and can connect with the cloud to connect with your files, photos, people and settings, wherever.

PCIe Gen4 x16
32 GB/s rate delivers double the bandwidth of PCIe 2.0 plus 4x increase in graphics and 2x I/O bandwidth for smooth multimedia.

Dual Channel DDR4 3200MHz (by CPU)
Doubles the bandwidth of your system memory up to 19.2 or 17 GB/s and pumps up the system performance at lower power.

USB 3.2 Gen2 x1
supports 2 x USB 3.2 Gen1x1 (Type A) on the back

Onboard Video-HDMI/DP/VGA Output
Support DP+HDMI+VGA (Support 2 Independent Displays only)

M.2 Slot
Support M.2 Type 2242/2280 PCIe X4 Gen3 or SATA SSD and type 2230 Wifi/BT

ECS ELITEGROUP

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