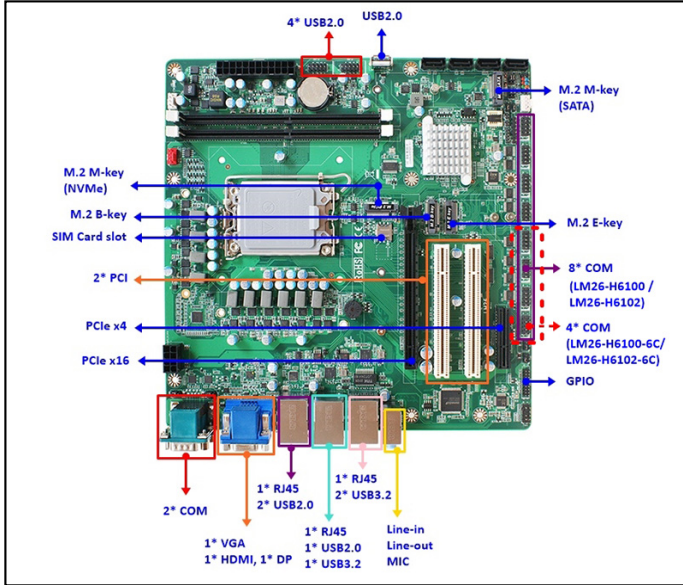


## ATX Motherboard with Intel® LGA1700 Socket Processor and H610E/H610 Chipset



## Features

- **Powered by Intel® LGA1700 Socket Processor:** Supports 12th/13th Gen Core Processors with up to 125W TDP
- **Memory Support:** Dual-channel DDR4 3200MHz UDIMM, expandable up to 64GB
- **Enhanced Display Options:** Features 1 x VGA, 1 x 4K HDMI, and 1 x 8K DP for advanced multi-display configurations
- **High-Speed Networking:** Equipped with 2 x 2.5GbE and 1 x GbE for fast, stable connections
- **Comprehensive I/O Interfaces:** Offers 3 x USB 3.2, 7 x USB 2.0, 1 x USB 2.0 (Vertical), and up to 10 COM ports
- **Storage & Expansion:** 4 x SATA III, 2 x M.2 M-Key, 1 x M.2 B-Key, and 1 x M.2 E-Key for flexible configurations
- **Advanced Expansion:** 1 x PCI-Ex16 (Gen.4), 1 x PCI-Ex4 (Gen.3), and 2 x PCI slots for diverse applications

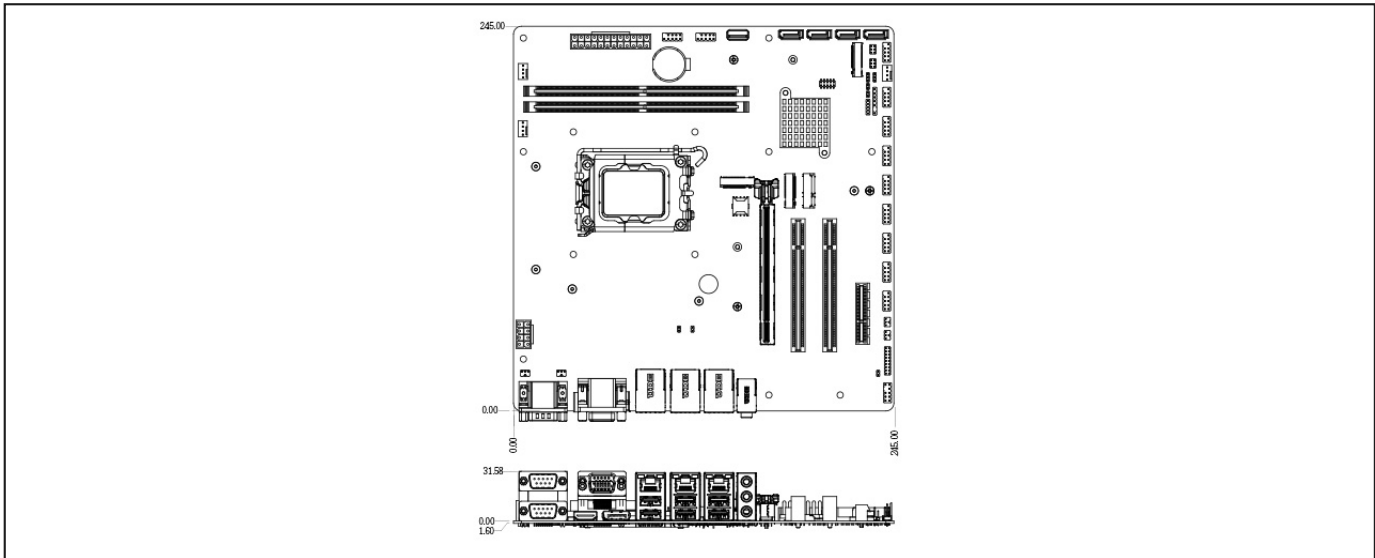
## Packing List

PART NUMBER	DESCRIPTION	QTY
LM26 Series	LM26 Series M/B	1
F04-MB-093-F	I/O Shield	1
G01-SATA3-BL-1F	SATA III Cable	2
G01-COM9-30A-2F	COM Cable	2

## Specifications

SYSTEM	
MB FORM FACTOR	Micro-ATX
CPU	Intel® LGA1700 12/13/14th Gen Socket Processor (Formerly Alder Lake-S, TDP 125W)
CHIPSET	Intel® H610/H610E
MEMORY	2 x DDR4 3200MHz Dual Channel U-DIMM, up to 64GB
BIOS	AMI Flash ROM
WATCHDOG TIMER	255 Levels
SECURITY	TPM2.0 (Optional)
DIMENSION (W X D)	244.0 (W) x 244.0(D) mm (9.6" x 9.6")
OS SUPPORT	Windows® 11 (64bit) Windows® 10 (64bit) Linux
POWER	
POWER REQUIREMENT	ATX Power Supply
POWER ON MODE	AT / ATX
CONNECTOR	24+8-pin ATX PWR
DISPLAY	
GPU	Intel® UHD Graphics
DP	1 x DP1.4 (Max Resolution: 7680 x 4320@60Hz)
HDMI	1 x HDMI 2.0 (Max Resolution: 4096 x 2304@60Hz)
VGA	1 x VGA (Max Resolution: 2560 x 1600 @60Hz)
MULTIPLE DISPLAY	Support 3 Displays
AUDIO	
CODEC	Realtek Audio Codec
Line-in	1 x Audio Jack for Line-In
Line-out	1 x Audio Jack for Line-Out
MIC-in	1 x Audio Jack for MIC-In
LAN	
ETHERNET	2 x RJ45 for Intel® I226-V 2.5GbE 1 x RJ45 for Intel® I219-V GbE
USB PORT	
USB	3 x USB 3.2 Gen 1x1 (5Gbps, Formerly USB 3.1 Gen 1) 3 x USB 2.0 Internal Header for 4 x USB 2.0 Internal USB Type A (Vertical) for 1 x USB 2.0
SERIAL PORT	
COM	2 x DB-9 for RS-232/422/485 Internal Header for 8 x RS-232 (LM26-H610-6C 4 x RS-232)
INTERNAL I/O	
GPIO	16-Bit
SMBUS	Yes
FAN	1 x CPU Fan Header (Smart Fan) 2 x System Fan Header
ADDITIONAL	1 x Chassis Intrusion 1 x FP_Audio 1 x PS/2
STORAGE	
SATA	4 x SATA III
EXPANSION	
M.2	1 x M-key 2242/2280 (PCIe x4 Gen.3 interface, Co-lay PCI-Ex4) 1 x M-key 2242/2280 (SATA interface, Co-lay SATA4) 1 x B-Key 3042/3052 (USB 3.2/USB 2.0) for 4G/5G Module 1 x E-Key 2230 (CNVi/PCIe x1/USB2.0) Support WiFi/BT Module
PCI-E	1 x PCIe x16 (Gen.4) 1 x PCIe 3.0 x4 2 x PCI
SIM	1 x SIM Card Slot
ENVIRONMENT & CERTIFICATION	
SHOCK	15G, 11ms duration
VIBRATION	1 Grms/ 5- 500Hz/ Operation
OPERATING TEMPERATURE	-10°C - 60°C (14°F - 140°F)
STORAGE TEMPERATURE	-20°C - 70°C (-4°F - 158°F)
OPERATING HUMIDITY	10 - 90% Relative Humidity, Non-condensing
CERTIFICATION	CE/FCC Class A LVD
ESG DECLARATION	EU RoHS China RoHS REACH

## Dimension Unit: mm



## Ordering Information

PART NUMBER	LM26-H6100	LM26-H6102	LM26-H6100-6C	LM26-H6102-6C
CPU	Intel® Socket LGA1700 CPU	Intel® Socket LGA1700 CPU	Intel® Socket LGA1700 CPU	Intel® Socket LGA1700 CPU
SECURITY		TPM2.0		TPM2.0
POWER REQUIREMENT	ATX Power Supply	ATX Power Supply	ATX Power Supply	ATX Power Supply
GPU	Intel® UHD Graphics	Intel® UHD Graphics	Intel® UHD Graphics	Intel® UHD Graphics
DP	1 x DP	1 x DP	1 x DP	1 x DP
HDMI	1 x HDMI	1 x HDMI	1 x HDMI	1 x HDMI
VGA	1 x VGA	1 x VGA	1 x VGA	1 x VGA
MULTIPLE DISPLAY	Support 3 Displays	Support 3 Displays	Support 3 Displays	Support 3 Displays
ETHERNET	2 x 2.5GbE	2 x 2.5GbE	2 x 2.5GbE	2 x 2.5GbE
ETHERNET	1 x GbE	1 x GbE	1 x GbE	1 x GbE
USB	3 x USB 3.2	3 x USB 3.2	3 x USB 3.2	3 x USB 3.2
USB	8 x USB 2.0	8 x USB 2.0	8 x USB 2.0	8 x USB 2.0
COM	2 x RS-232/422/485	2 x RS-232/422/485	2 x RS-232/422/485	2 x RS-232/422/485
COM	10 x COM	10 x COM	6 x COM	6 x COM
SATA	4 x SATA III	4 x SATA III	4 x SATA III	4 x SATA III
M.2	2 x M-Key 2242/2280	2 x M-Key 2242/2280	2 x M-Key 2242/2280	2 x M-Key 2242/2280
M.2	1 x B-Key 3042/3052	1 x B-Key 3042/3052	1 x B-Key 3042/3052	1 x B-Key 3042/3052
M.2	1 x E-Key 2230	1 x E-Key 2230	1 x E-Key 2230	1 x E-Key 2230
PCIe	1 x PCIe x16	1 x PCIe x16	1 x PCIe x16	1 x PCIe x16
PCIe	1 x PCIe x4	1 x PCIe x4	1 x PCIe x4	1 x PCIe x4
PCIe	2 x PCI	2 x PCI	2 x PCI	2 x PCI
SIM	1 x SIM Card Slot	1 x SIM Card Slot	1 x SIM Card Slot	1 x SIM Card Slot
OPERATING TEMPERATURE	-10°C ~ 60°C (14°F ~ 140°F)	-10°C ~ 60°C (14°F ~ 140°F)	-10°C ~ 60°C (14°F ~ 140°F)	-10°C ~ 60°C (14°F ~ 140°F)