

# LM26 Series

Intel® 12/13th Gen. LGA1700 Socket Processor, 2\* DDR4 3200MHz UDIMM up to 64GB, support 3 display

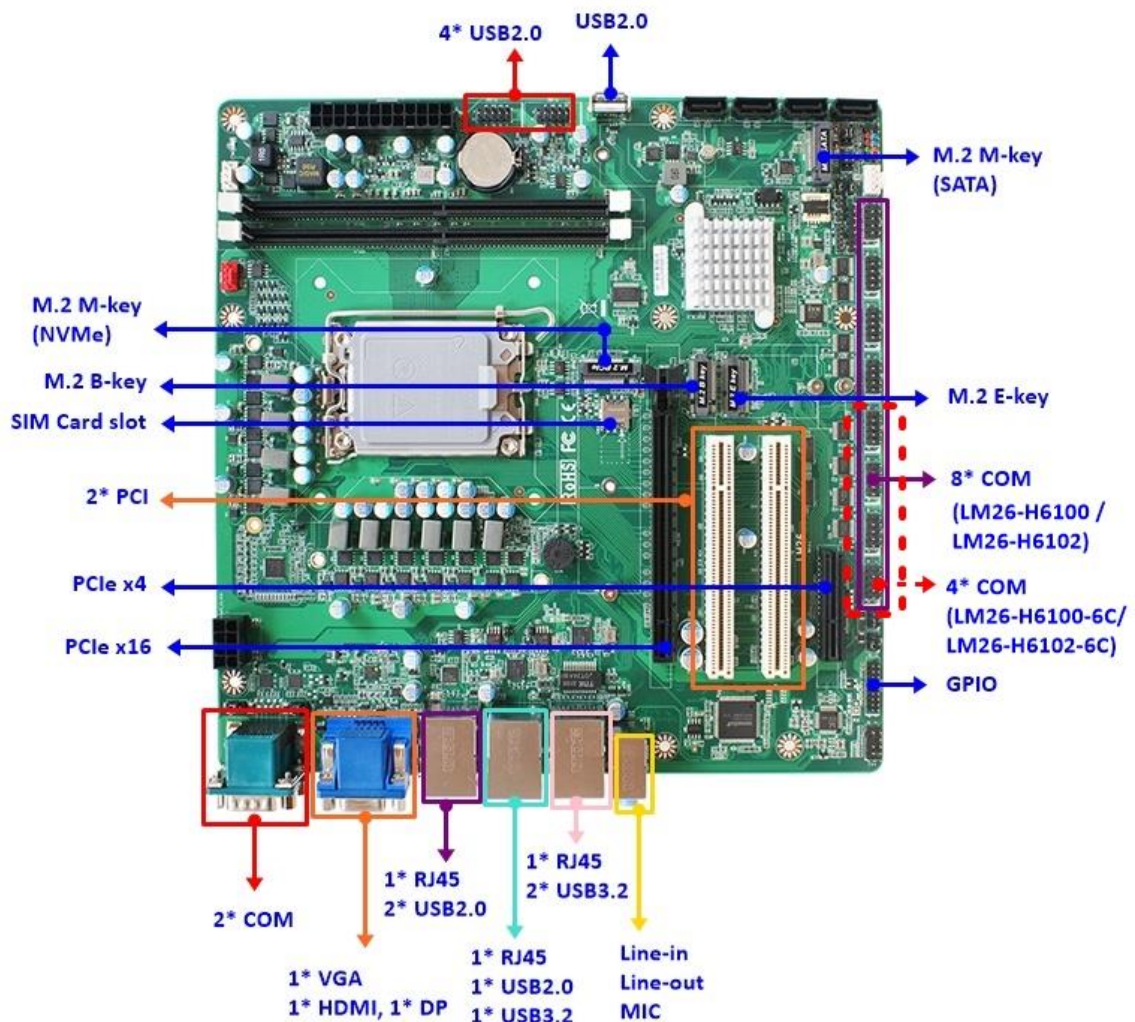
## Features

1. Intel® 12/13th LGA1700 Socket Processor (Max.125W TDP)
2. Intel® Alder Lake-S H610E/H610 Chip
3. 2\* DDR4 3200MHz UDIMM up to 64GB
4. 1\* VGA, 1\* HDMI, 1\* DP
5. 2\* 2.5GbE, 1\* GbE
6. 10 or 6\* COM, 3\* USB3.2 (Gen.1), 7\* USB2.0, 1\* USB2.0 Type-A (Vertical)
7. 1\* M.2 M-key (2242/2280, PCI-Ex4), 1\* M.2 M-key (2242/2280, SATA), 1\* M.2 B-key (3042/3052), 1\* M.2 E-key (2230), 4\* SATAIII
8. 1\* PCI-Ex16 (Gen.4), 1\* PCI-Ex4 (Gen.3), 2\* PCI
9. Onboard TPM2.0 (Option)
10. ATX Power



intel. FC CE RoHS COMPLIANT

## I/O Diagram



## Specifications

<b>Model</b>	<ul style="list-style-type: none"> <li>• LM26-H6100 (10* COM)</li> <li>• LM26-H6102 (10* COM, TPM2.0)</li> <li>• LM26-H6100-6C (6* COM)</li> <li>• LM26-H6102-6C (6* COM, TPM2.0)</li> </ul>
<b>Form Factor</b>	<ul style="list-style-type: none"> <li>• Micro ATX (244 * 244mm)</li> </ul>
<b>Processor System</b>	<ul style="list-style-type: none"> <li>• Intel® 12/13th LGA1700 Socket Core i9/i7/i5/i3/Pentium/Celeron Processor (Max. 125W TDP)</li> <li>• Intel® Alder lake-S H610 or H610E chipset</li> <li>• AMI Flash ROM BIOS</li> </ul>
<b>Memory</b>	<ul style="list-style-type: none"> <li>• 2* DDR4 3200MHz Dual Channel UDIMM up to 64GB</li> </ul>
<b>Storage</b>	<ul style="list-style-type: none"> <li>• 4* SATAIII (6 Gb/s, SATA4 Co-lay M.2 M key-M2)</li> <li>• 1* M.2 M-key (2242/2280 PCI-Ex4 Gen.3 interface, Co-lay PCI-Ex4)</li> <li>• 1* M.2 M-key (2242/2280 SATA interface, Co-lay SATA4)</li> </ul>
<b>Expansion</b>	<ul style="list-style-type: none"> <li>• 1* M.2 B-key (3042/3052, USB3.0/USB2.0, Support 4G/5G Module)</li> <li>• 1* M.2 E-key (2230, CNVi/PCI-Ex1/USB2.0, Support WIFI/BT Module)</li> <li>• 1 * PCIE 4.0 x16 slot</li> <li>• 1 * PCIE 3.0 x4 slot</li> <li>• 2 * PCI slots</li> </ul>
<b>Ethernet</b>	<ul style="list-style-type: none"> <li>• 2* Intel® i225-V 100/1000/2500Mbps</li> <li>• 1* Intel® i219-V 10/100/1000Mbps</li> </ul>
<b>Graphics</b>	<ul style="list-style-type: none"> <li>• Intel® UHD Graphics, shared memory</li> <li>• 1* HDMI2.0 (Max Resolution: 4096x2304@60Hz)</li> <li>• 1* DP1.4 (Max Resolution: 7680x4320@60Hz)</li> <li>• 1* VGA (Max Resolution: 2560x1600@60Hz)</li> <li>• Support Triple Displays</li> </ul>
<b>Audio</b>	<ul style="list-style-type: none"> <li>• HD audio: Realtek ALC888S</li> </ul>
<b>Watchdog Timer</b>	<ul style="list-style-type: none"> <li>• From Super I/O to drag RESETCON#</li> <li>• 256 segments (10sec ~ 255min)</li> </ul>
<b>Internal I/O</b>	<ul style="list-style-type: none"> <li>• 4* USB2.0 (PH2.54)</li> <li>• 1* USB2.0 (Vertical)</li> <li>• LM26-H610: 8* RS232</li> <li>• LM26-H610-6C: 4* RS232</li> <li>• 16bit GPIO (5V)</li> <li>• 4* SATAIII (SATA4 Co-lay M-key-M2)</li> <li>• 1* 24+8pin Power connector</li> <li>• 1* SIM Card hold</li> <li>• 1* Chassis intrusion</li> <li>• 1* FP_Audio</li> <li>• 1* PS/2 + 1* SMBUS + 1*AT model</li> <li>• 1*CPU FAN Header(Smart FAN) + 2*SYSTEM FAN Header</li> </ul>
<b>External I/O</b>	<ul style="list-style-type: none"> <li>• 3* USB3.2(Gen.1)</li> <li>• 3* USB2.0</li> <li>• 1* VGA</li> <li>• 1* HDMI2.0</li> <li>• 1* DP1.4</li> <li>• 2* COM (RS232/422/485)</li> <li>• 3* RJ45</li> <li>• 1* 3Jack (Line-in + Line-out + MIC)</li> </ul>
<b>Power</b>	<p>ATX PWR (24+8pin), AT/ATX Supported</p> <p>- AT: Directly PWR on as Power input ready</p> <p>- ATX: Press Button to PWR on after Power input ready</p>
<b>Compliance</b>	CE, FCC, LVD, RoHS, REACH (Option)
<b>Temperature</b>	<ul style="list-style-type: none"> <li>• Operating Temperature: -10 ~ 60° C</li> <li>• Storage Temperature: -20 ~ 70° C</li> <li>• Humidity: 10% ~ 90% RH @40°C (non-condensing)</li> </ul>
<b>OS Support</b>	Windows 10/11, Linux
<b>Warranty</b>	<ul style="list-style-type: none"> <li>• 2 Years limited warranty</li> </ul>

\* Specifications subject to change without notice, not responsible for typographical errors. Does not include HDD or OS.



## Standard Accessories

Part Number	Description
LM26 Series	LM26 Series M/B
F04-MB-093-F	I/O shield
G01-SATA3-BL-1F	2* SATA3 Cable
G01-COM9-30A-2F	2* COM Cable

## Mechanical Drawings (Unit=mm)

